



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

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UNIVERSITY OF ILLINOIS

TRANSACTIONS
OF THE
BOARD OF TRUSTEES

July 10, 1936, to June 22, 1938

HARRISON EDWARD CUNNINGHAM
Secretary

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 10, 1936



The July meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 o'clock a.m. (Chicago time), on Friday, July 10, 1936.

When the Board convened, the following members were present: President Karraker, Mr. Barr, Mr. Barrett, Mr. Mayer, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. Janata, Professor Morey, and Director Havens.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of June 29, 1936.

On motion of Mr. Mayer, the minutes were approved as printed on pages 775 to 924 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

APPROPRIATION FOR METALLURGICAL LABORATORY EQUIPMENT

(1) A recommendation that an appropriation of \$4,600 be made from the General Reserve Fund for the purchase of equipment for the addition to the Mining and Metallurgical Laboratory Building.

The total cost of the minimum equipment essential for the operation of this building is estimated at \$6,576.40. There is a balance of \$2,000 available in the State appropriation of \$50,000 for the construction and equipment of this addition. The deficiency of \$4,600 is accounted for by the increase in building costs from 10 to 15 per cent between the time the budget for 1935-1937 was prepared and the time bids were received.

On motion of Mr. Mayer, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR DRIVES AND PARKING AREAS

(2) A recommendation that an appropriation of \$3,815 be made from the General Reserve Fund for the following purposes: (a) a parking area on Sixth Street in the rear of Davenport House; (b) a parking area in the neighborhood of the Architecture Building to serve this building, the Commerce Building, and the Library; (c) improvement in the drive and extension of the parking area at McKinley Hospital.

An unused balance of \$900 remaining in the appropriation made for the improvement of Sixth Street (south of Gregory Drive) and the removal of the old stucco building which has been housing the Illini Theatre Guild studio will lapse into the General Reserve Fund.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

At this point, Mrs. Freeman took her place with the Board.

APPROPRIATION FOR RESIDENCE HALLS IMPROVEMENTS

(3) A request from the Director of the Physical Plant Department for an appropriation of \$5,000 for certain needed improvements in and equipment for the Davenport House, to bring it up to the standard of the other two women's residence halls. He has submitted a detailed list of these needs.

I recommend that this appropriation be made from the Women's Residence Halls reserve.

On motion of Mr. Pogue, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

PURCHASE OF PROPERTY

(4) The Director of the Physical Plant Department reports that certain properties on South Goodwin Avenue and West Green Street, Urbana, are for sale. These properties have been offered the University at \$8,500 and \$13,500, respectively. The property on South Goodwin is likely to be foreclosed in a few days.

The Director of the Physical Plant Department is of the opinion that the University would not be justified in paying more than \$7,000 for this property,

and that if only one parcel can be purchased, it is desirable to acquire the property on West Green Street first.

On motion of Mr. Barrett, the purchase of the property on South Goodwin Avenue was authorized provided it could be secured for \$6,500, and the appropriation was made from the General Reserve Fund, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, Mr. Barr, Mrs. Freeman; absent, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

SERVICE BUILDING FOR COLLEGE OF AGRICULTURE

(5) Revised bids on the scales and scale house or service building for the College of Agriculture will be received after this meeting. Since the Board will probably not meet until September, the Executive Committee should be authorized to award the contract for this work if the bids are acceptable, but the Board should indicate at this time what additional appropriation it is willing to make for this project. Approximately \$9,000 is available in unused balances, but the complete project will probably cost at least \$15,000 and possibly more. The first bids received totaled \$18,003 for all items desired by the College of Agriculture.

On motion of Mr. Mayer, the construction of this building was authorized at a cost of not to exceed \$14,000 (minor Agricultural Buildings, \$4,200; unappropriated income of the Department of Animal Husbandry, \$9,800), and the Executive Committee was authorized to award the contracts, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR PAYMENT ON MEDICAL AND DENTAL BOND ISSUE

(6) A recommendation that an appropriation of \$43,000 be made from the General Reserve Fund to meet the payment due on the second unit of the Medical and Dental College Laboratories Building under the lease with the University of Illinois Foundation, during the fiscal year 1936-1937. The lease provides for annual payments of \$86,000, but only one-half of this amount is due during the current year.

On motion of Mr. Barr, this appropriation was made, and the Comptroller was authorized and directed to deposit in a special fund as provided in the Indenture the amount required according to the terms of the Lease. The vote, was as follows: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

PAYMENTS ON CONTRACTS FOR MEDICAL AND DENTAL BUILDING

(7) The payments which will be due on July 12 on the contracts for the construction of the second unit of the Medical and Dental College Laboratories Building will exceed by about \$45,000 the balance available in the advance grant made by the Government. In the event that the balance of the grant for this project, or the proceeds of the bond issue, are not available in time, the Comptroller requests authority to conclude the July payments due in full by an advance from the University's general funds, this to be reimbursed from the

Construction Fund. All previous advances from University funds made to meet other contract payments have been reimbursed.

On motion of Mrs. Plumb, these payments were authorized as recommended.

FEE FOR LEGAL OPINION ON VALIDITY OF MEDICAL AND DENTAL COLLEGE BUILDING TRUST BONDS

(8) At its meeting on June 29, 1936 (Minutes, page 877), the Board voted to retain the services of Chapman and Cutler, Attorneys, for an opinion upon the legal validity of the Medical and Dental College Building Trust Bonds. An appropriation of \$1,000 was made for the fee. This was based on a purely tentative estimate by the University Counsel of what this fee would be.

Chapman and Cutler have advised the University of Illinois Foundation that in examining the documents involved in this transaction it is evident that the tentative suggestion regarding the fee for this service was wholly inadequate, and that at that time the firm had no idea how much work would be involved. It is estimated that the fee will be between \$3,000 and \$5,000, depending on the amount of labor actually involved.

If this opinion is to be secured, the University of Illinois Foundation should be requested to proceed accordingly, and provision for a fee of not to exceed \$5,000 should be made.

On motion of Mr. Barr, the Trustee was authorized to advertise for bids for the bonds and to pay the necessary fee of not to exceed \$5,000, provided such expense can be reimbursed by the proceeds of the sale of the bonds.

APPROVAL OF CHANGE ORDERS IN CONTRACTS FOR MEDICAL AND DENTAL BUILDING

(9) The State Director for Illinois of the Federal Emergency Administration of Public Works now requires that all Contract Change Orders on the second unit of the Medical and Dental College Laboratories Building must be authorized by the Board of Trustees before they can finally be put into effect. Since the Board probably will not be in session between this meeting and late in September, the State Director has agreed to expedite this work if the Board of Trustees will pass a resolution authorizing a particular person or persons to sign requests for change orders. Accordingly, the following resolution is offered:

Be it resolved, that the Board of Trustees hereby authorizes the Chairman of its Committee on Buildings and Grounds, Mr. Edward E. Barrett, to act for it upon recommendations for change orders in contracts for the construction of the second unit of the Medical and Dental College Laboratories Building (Illinois Public Works Project No. 1057-R) recommended by the Physical Plant Department and approved by the President of the University; and be it further resolved that the Board of Trustees will confirm and ratify all acts of the Chairman of its Committee on Buildings and Grounds authorized under this resolution.

On motion of Mr. Mayer, this resolution was adopted.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(10) Under the authorization of the Board of Trustees the following contract change orders for the second unit of the Medical and Dental College Laboratories Building, as recommended by the Physical Plant Department, have been authorized and are being presented for confirmation by resolution, as required by the State Director of the Federal Emergency Administration of Public Works.

On motion of Mr. Barr, the following was adopted:

Be it resolved, that the Board of Trustees hereby approves the action of the President of the University in authorizing the following change orders for the second unit of the Medical and Dental College Laboratories Building.

I. *General Contract**Change Order No. 9*

The original specifications provided for the use of either of the following mortars for face brickwork and for common brickwork above grade, excepting for load bearing piers and for parapet walls:

Class "A"

Cement-lime Mortar—composed of one part Portland cement, one part hydrated lime, or equivalent amount of lime putty, and not more than 6 parts sand, or Medusa-Mix mortar in 1 : 3 proportion.

Class "B"

Natural Cement Mortar—1 part bricklayers natural cement of approved brand to which shall be added 3 parts lake sand, thoroughly mixed.

It is now agreed between the parties to the contract that better brickwork for this particular project will result from the use of the following mortar, which will be substituted for original brick mortar specification:

"Mortar for brickwork, except for parapet walls, shall be mixed in the proportion of 1 part Portland cement, 3 parts lime putty, and not more than 9 parts sand. Lime putty shall consist of lump lime thoroughly slaked in water before sanding and shall be allowed to stand not less than 24 hours after sanding. Mortar shall be mixed with Portland cement in an approved type of power-operated mortar mixer. Materials shall be measured in accordance with the following procedure:—The exact proportions of lime putty and sand required for proper workability shall be determined by trial batches made at the start of brickwork and at later periods as required, under the supervision of the Architect or Owner's representative. From the volume of sand thus determined, the amount of Portland cement, which shall be equal to 1/9th of the volume of sand, shall be determined. The quantities of material delivered for mortar shall be recorded in order to check the specified cement-sand ratio."

For parapet walls Class "C" mortar shall be used as originally specified.

This involves no change in contract price, nor increase in time required to complete the project.

This replaces Change Order No. 9 (General Contract) presented June 29, 1936 (Minutes, page 879), but not approved.

On motion of Mr. Barr, Change Order No. 9 (General Contract) was approved.

I. *General Contract**Change Order No. 10*

Price allowance for light proof shades..... \$3 500 00

Price allowance for translucent shades and projection
screens..... 3 000 00

\$6 500 00

Quotation of Andel & Co. (May 1, 1936):

Light proof curtain equipment..... 3 450 00

Duplex shades and steel frames..... 2 430 00

Projection screens..... 482 00

\$6 362 00

Supplementary Quotation of Andel & Co. (June 20,
1936) Omitting duplex shade equipment for
Room 251 (Research Bldg.)..... 95 00

6 267 00

Net Credit..... \$ 233 00

On motion of Mr. Barrett, Change Order No. 10 (General Contract) was approved.

I. *General Contract**Change Order No. 11*

Price allowance for hardware. \$12 500 00

Quotation of Midwest Hardware dated June 15, 1936 \$9 650 00

Items from supplementary quotation dated June 29,
1936, including the following items at additional
cost:

(1) VonDuprin Set #14½B2 for doors 405 to 406.	75 40
(2) Provision of lock #7738 on doors 6 to 60, 106 to 160, 206 to 260, and 306 to 360	19 00
(3) Addition of #324¼ deadlocks and #63 flushbolts for doors 101 to 105, 102 to 104, 1 to 5 and in 4.	18 00
(4) Provision of push plates on both sides double acting fly doors.	18 00
(5) Provision of #1535 latch on 1st floor dressing room doors—4 @ \$1.05.	4 20

9 784 60*Net Credit.* \$2 715 40

On motion of Mrs. Plumb, Change Order No. 11 (General Contract) was approved.

II. *Plumbing Contract**Change Order No. 4*

For omission of the 6" check valves shown on fire protection risers and furnishing and installing on each of the three risers one 6" flanged Underwriters OS&Y gate valve with bronze stem and full bronze mounted, the additional sum of. \$117 00

On motion of Mr. Barrett, Change Order No. 4 (Plumbing Contract) was approved.

II. *Plumbing Contract**Change Order No. 5*

For the following changes in plumbing work on the second floor:

Installing 1¼" tees in gas risers G-7, G-8, and G-9 below the 1st floor ceiling line for connections to tables T-4A instead of 6" above 2nd floor as specified and shown on original plans, setting sleeves for gas stubs to tables T-4A between columns D-2 and J-1 on center line of each table and 1'-7" out from north wall of Rooms 227 and 228, also installing gas piping from the 1¼" tees above described to the locations of sleeves and stubbing up above the 2nd floor as specified for equipment, for the additional sum of.	\$149 05
Roughing in waste, vent, hot and cold supplies, and gas for two T-4B tables added near columns D-2 and K-1, for the additional sum of	173 25
Roughing in hot water supply only to Equipment Sink (S-6) near column D-4 in Room 234, not shown on original drawings, for the additional sum of.	41 40
Roughing in waste, vent, and distilled water supply to, furnishing and installing, three 20" x 20" acid resisting enameled iron sinks with 8" integral backs on concealed wall hangers, 1½" C.P.C.B. traps and strainers, no drillings in backs for supplies, distilled water faucets to be furnished and installed on wall above sink backs, no hot or cold water supplies to these sinks, for the additional sum of.	464 60

Total additional. 828 30Omission of six S-10 sinks in Rooms 226, 227, and 228, including setting of sinks and roughing in of waste, vent and hot and cold supplies as shown on original drawings, deduct the sum of. 695 30*Net additional.* \$133 00

On motion of Mr. Barr, Change Order No. 5 (Plumbing Contract) was approved.

II. *Plumbing Contract*

Change Order No. 6

Omit Grinnell floor plates, use black wrought pipe sleeves through floors of size to allow continuous covering on pipes, use sheet metal sleeves through partitions and furred ceiling, furnish and apply additional covering through sleeves. First and second floor slab sleeves are to remain as they are and covering cups shall be furnished in these locations.

No additional charge and no credit shall be made for this change, as stated in Proposal No. 14, dated June 17, 1936.

On motion of Mr. Barr, Change Order No. 6 (Plumbing Contract) was approved.

III. *Electrical Contract*

Change Order No. 2

For furnishing necessary labor and material to move eight (8) 2000 watt outlets on circuits Nos. 1 to 8 of section No. 3 on lighting panel No. 414 approximately three (3) feet each in order to allow for revision of seating arrangement in Amphitheatre room No. 412, which will consist of the omission of one tier of seats, for the additional sum of \$65 00

On motion of Mr. Barrett, Change Order No. 2 (Electrical Contract) was approved.

IV. *Heating Contract*

Change Order No. 1

For changes in heating work for Rooms 314, 315, and 316 to permit future completion of same for use as "Climatic Rooms," as per Granger and Bollenbacher's request letter of May 4th and Robert Gordon, Inc., Proposal No. 10 dated June 16, 1936, add. \$116 54

On motion of Mrs. Freeman, Change Order No. 1 (Heating Contract) was approved.

IV. *Heating Contract*

Change Order No. 2

For changes in heating work in Rooms 912, 919, 924, and 925; and 926 and 927, as per Granger and Bollenbacher's request letter of June 8th and Robert Gordon, Inc., Proposals No. 5, 6, 7, and 8, for the additional sums of—

Room 912.	\$10 29
Room 919.	23 99
Rooms 924 and 925.	No charge
Rooms 926 and 927.	12 60

Total additional. \$46 88

On motion of Mr. Mayer, Change Order No. 2 (Heating Contract) was approved.

STUDENT CENTER BUILDING PROJECT

(11) As reported to the Board at the last meeting, an application has been made to the Federal Emergency Administration of Public Works for a grant of funds to aid in the construction of a Student Center Building.

In submitting this application, it was necessary to include a tentative financial plan showing how the balance of the funds for the project would be raised. The plan submitted contemplates a campaign for cash gifts by alumni to be undertaken by the University of Illinois Foundation, and the sale of bonds by the Foundation as trustee. This tentative plan also provides that the cost of

operation and maintenance of the building when completed, the interest charges, and the amortization of the loan shall be provided for by a service charge on students in the Urbana departments of the University to produce sufficient income to cover these costs. The University is to furnish the site.

In the event the Government makes a grant to aid in the construction of this building project, it will be necessary for the Board of Trustees to decide definitely whether or not it will go ahead with the project in accordance with either the tentative plan outlined, or some other equally feasible plan.

The University of Illinois Foundation is prepared to conduct a campaign to raise its share of the funds, but if plans are to go forward it will be necessary to have definite approval by the Board of Trustees of the proposed plan of financing, including the levying of a fee or service charge on the students in the Urbana departments of the University for the use of the building. This charge will not go into effect until the building is ready for use, but nevertheless the plan should receive careful consideration in advance so that if a grant is secured the plan can be announced promptly.

On motion of Mr. Pogue, this plan of financing was approved in principle.

LEAVES OF ABSENCE FOR MEMBERS OF THE STAFF

(12) A report that leaves of absence have been granted the following members of the staff under the terms, and for the periods and purposes indicated:

1. Professor R. C. Ashby, of the Department of Animal Husbandry (Extension), one month's additional vacation with pay, to enable him to attend the International Conference of Agricultural Economists in Germany the first week in September.

2. Miss Harriet Deere, Stenographer in the Department of Anatomy, leave of absence from September 3 to September 13, inclusive, without pay.

3. Mr. B. B. Miller, laborer in the Dispensary, leave of absence from July 22 to August 15 without pay.

On motion of Mrs. Freeman, these leaves were approved.

PURCHASES RECOMMENDED

(13) A recommendation that the following purchases be authorized:

1. 500 barrels of Portland Cement from M. L. Hecker, Champaign, the low bidder, at a price of \$2.25 per barrel net. This is for the Physical Plant Department's stock of building materials.

2. 40 sets (of 44 each) stainless steel dental operative instruments from the Fara Manufacturing Company at a price of \$29.61 per set, or a total of \$1,184.40. These instruments are being purchased for resale to students. During the past year a study of stainless steel instruments was made by the Dental faculty, as a result of which it has specified these instruments for use by students during the year 1936-1937.

On motion of Mrs. Plumb, these purchases were authorized.

PURCHASES AUTHORIZED

(14) A report of the following purchases authorized by the President, in accordance with the University Statutes:

1. Four hundred (400) tons of baled straw from V. V. Wolf of Sidney at a price of \$5.75 per ton. Quotations were invited from eight sources, but only one was received. This order will be divided between the Departments of Animal Husbandry and Dairy Husbandry. It was necessary to place the order at once, as straw will soon be ready to bale.

On motion of Mr. Barr, the action of the President of the University was confirmed.

CHANGES IN AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(15) A report that the following agreements for cooperative investigations, previously authorized by the Board, have been extended or modified as indicated:

1. Crop Protection Institute, a renewal of its agreement with the Board of Trustees of the University of Illinois and the State Natural History Survey Division for a cooperative investigation of substituted phenols as nicotine solubilizing agents in oil sprays and of new germicides as fungicides against plant diseases. This agreement is extended for one year beginning July 15, 1936, and the Institute has increased its grant from \$2,800 to \$4,200.

2. Aluminum Research Laboratories of the Aluminum Company of America, agreement for a special industrial investigation of Alorco synthetic cryolite, an increase in the grant from \$400 to \$600.

On motion of Mr. Barrett, these agreements were approved.

REPORT OF GIFTS RECEIVED BY THE UNIVERSITY

(16) The following report of gifts received by the University since the last report was made to the Board:

1. The Chicago Illinae Club, \$50 to be added to the Chicago Illinae Club Loan Fund.

2. The Electrical Engineering Society (student organization), \$1,000 to be added to the Electrical Engineering Student Loan Fund.

3. Dr. Janet L. Weston, of the Department of Economics, 212 mounted sheets of excellent Herbarium specimens having an approximate value of \$40, for the Department of Botany.

This report was received for record.

THE BIENNIAL BUDGET FOR 1937-1939

(17) The University Council has had several meetings during the past six months, at which the University's State budget for 1937-1939 has been studied, and out of which have come various recommendations and proposals for the consideration of the Board. The Bureau of Institutional Research has also been studying various details of the general problem. A committee of the Council has been studying the building needs of the University to formulate a building program both for 1937-1939 and for future biennial periods. Another committee is studying the budgetary aspects of certain desirable improvements in the educational and research program. The reports of these bodies have been considered by the Council and by the President of the University, and certain specific proposals have been generally agreed upon as pertinent to the budget for 1937-1939. Preliminary estimates and statements relating to this budget were presented to the Board at its last meeting, and I request that this material be given further consideration at the present meeting.

Mr. Morey presented the following summary and discussed the several items.

At the Board meeting of June 29 there was presented to the Board a preliminary statement concerning the biennial budget for 1937-1939. This statement contained the suggestions of the University Council as to certain provisions which in its judgment should be made in that budget, together with various studies and reports supporting these proposals.

The recommendations of the Council as submitted at that time would require the following additions for the biennium:

I. Salary restorations.....	\$300 000
II. Staff additions.....	672 000
III. Expense and equipment.....	225 500
IV. Research and extension.....	224 000
V. Physical Plant operation, maintenance, replacements, and minor improvements.....	<u>102 800</u>
<i>Total for current purposes.....</i>	<i>\$1 524 300</i>

VI. Capital:

Buildings and building studies as per Schedule A attached.....	\$1 735 000
Medical and Dental Building a minimum of \$172,000 or if all old property taxes are applied toward reducing this obligation a total of.....	412 000
<i>Total for capital purposes.....</i>	<i>2 147 000</i>
<i>Grand total increase.....</i>	<i>\$3 671 300</i>

After the preparation of the foregoing report the University Council appointed a special Committee on Improvements in Educational and Research Program. This committee has just submitted a report requesting consideration of items in addition to the above as per Schedule B attached aggregating \$1,650,000. Adding this sum to the total of the previous report results in a total requested increase of \$5,321,300.

To apply against this increase the University would have the following additional income: Student fees \$192,000, and Federal funds \$93,000, totaling \$285,000; leaving a net increase of \$5,036,300 to be provided by additional appropriations from State tax funds.

In Schedule C a condensed revised summary of the askings of the above described, is presented showing the comparative appropriations for the current biennium. This schedule includes all funds and operations covered by legislative appropriations. It is noted from Section I of this schedule that an increase of \$2,708,382 or approximately 28% is requested in the budget for instruction, research, and administration. A net increase of \$132,800 or 7.6% is requested in the Physical Plant budget. An increase of \$2,147,000 appears in the capital budget, the appropriation for the current biennium being only \$50,000.

SCHEDULE A
CAPITAL ADDITIONS FOR THE BIENNIUM 1937-1939
RECOMMENDED BY THE UNIVERSITY COUNCIL

Addition to Library.....	\$325 000
Equipment for Second Unit of Medical and Dental College Laboratories Building.....	225 000
Studies relating to plans and problems for future buildings.....	35 000
Agricultural Laboratories Building.....	600 000
Biological Laboratories, First Unit.....	600 000
<i>Total.....</i>	<i>\$1 785 000¹</i>

SCHEDULE B
ADDITIONAL ITEMS RECOMMENDED FOR CONSIDERATION BY A COMMITTEE OF THE
UNIVERSITY COUNCIL ON IMPROVEMENTS IN EDUCATIONAL
AND RESEARCH PROGRAM
(REPORT OF JULY 6, 1936)

Improvement of elementary teaching.....	\$235 000
Salary increases to recognize distinction.....	420 000
Increase in the budget of the University Library from \$275,000 per year to \$500,000 per year.....	425 000
Increase in the budget of the Summer Session from \$100,000 per year to \$150,000 per year.....	100 000
Increase in fund for scholarships and fellowships in the Graduate School from \$25,000 per year to \$60,000 per year.....	70 000
Contingent fund, for addition to various instructional and research budgets.....	400 000
<i>Total for the biennium (in addition to previous estimates)....</i>	<i>\$1 650 000</i>

¹The appropriation for capital additions for 1935-37 is \$50,000. Consequently an increase of \$1,735,000 would be necessary to carry out the above recommendations.

SCHEDULE C
I. COMPARATIVE SUMMARY BY FUNCTIONS
ALL STATE APPROPRIATIONS

	<i>Present biennium</i>	<i>Preliminary estimate 1937-1939</i>
Instruction, research, and administration.....	\$9 697 771	\$12 406 153
Physical Plant operation, maintenance, replacements, and minor improvements.....	1 872 498	2 005 298
Capital additions.....	50 000	2 197 000
Self-supporting activities, etc.....	575 533	575 680
<i>Total.....</i>	<i>\$12 195 802¹</i>	<i>\$17 184 131</i>

II. COMPARATIVE SUMMARY BY FUNDS
ALL STATE APPROPRIATIONS

	<i>Present biennium</i>	<i>Preliminary estimate 1937-1939</i>
University Mill Tax Fund.....	\$4 628 900	\$4 078 000
General Revenue Fund.....	4 266 902	9 506 131
University Revolving Fund.....	3 300 000	3 600 000
<i>Total.....</i>	<i>\$12 195 802</i>	<i>\$17 184 131</i>

Action on the budget was deferred to a special meeting to be held for the purpose in October.

FOREIGN USE OF JOHNSTONE PATENT

Mr. Barrett presented a recommendation of the Committee on Patents that arrangements be made by the Utilities Research Commission to provide that any royalties for use in foreign countries of the Johnstone process for the removal of sulphur dioxide be paid to the University.

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

MATTERS PRESENTED BY PRESIDENT WILLARD

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

MILL TAX FUND

(18) A statement concerning the Mill Tax Fund.

The Comptroller discussed this matter in detail.

THE SALE OF ROSELAWN CEMETERY LOTS AND PURCHASE
OF GALLIVAN PROPERTY

(19) On May 27 the Board approved the recommendation of the Committee on Buildings and Grounds that the University's holdings in Roselawn Cemetery be sold and that other property known as the Gallivan tract be purchased, if possible, and the Director of the Physical Plant Department was instructed to investigate these possibilities.

He submits the following report:

July 8, 1936

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

Since the approval by the Board of the policy of acquiring the Gallivan Tract Addition and disposing of the property owned by the University in Roselawn Cemetery, we have obtained the following additional information:

¹Including supplementary appropriations of additional Federal Funds.

There were originally fourteen lots in the Gallivan Addition, two of which have been sold to fraternities, leaving 3 to 14 unsold subject to the following mortgage indebtedness: a first mortgage of \$15,000 to the Chicago Title & Trust Company, and a second mortgage, also to the Chicago Title & Trust Company, for \$50,000. In addition, all lots are subject to the following local improvements:

(1) Pavement Assessment, Maryland Drive, Virginia Drive, and College Court.....	32 000 00
(2) Sewer and Storm Drainage Assessment.....	7 440 00
(3) Pennsylvania Avenue Improvements Assessment.....	3 466 00
(4) Gallivan Lighting System Assessment.....	3 250 00
(5) Saline Drainage Ditch Assessment.....	120 00
(6) Back Taxes.....	4 104 59
(7) 1935 General Taxes.....	579 89
	<hr/> \$50 960 48

There is, therefore, an indebtedness of \$115,960.48 to be liquidated before the University can obtain a clear title. In our opinion, the best approach to the acquisition of this land is to offer an amount which is fair and reasonable and stand on this proposition. We have been told by the lawyers handling this case that they believe a clear title can be obtained for approximately \$40,000 to \$45,000 by getting all parties to agree to scale down their indebtedness.

I suggest, therefore, that consideration be given to the purchase of this property in the biennial budget. It may, of course, be necessary to act sooner than that if foreclosure proceedings are started. If this happens, a payment of \$10,000 to \$20,000 would be necessary, which could be held in escrow until the title could be cleared. This would mean that the University would have to commit itself to the purchase, the remainder of the purchase price to be paid at a later time.

We will submit for your approval later a program for the liquidation of the investment in Roselawn Cemetery. An interchange of this property with the Gallivan tract does not at this time seem possible.

Very truly yours,

Physical Plant Department

By C. S. HAVENS

The President of the University was requested to include this matter for discussion with other items in the biennial budget.

PAVING IMPROVEMENTS

(20) The Director of the Physical Plant Department reports that the City of Urbana is interested in the following public improvements: (1) repaving of Nevada from Lincoln to Mathews Avenue; (2) repaving of Springfield Avenue from Wright to Goodwin Avenue; (3) repaving of Romine from Springfield Avenue to Main Street.

The City officials have been advised that the University would neither oppose nor encourage such improvements and that although it is not assessable for them, the policy of the Board of Trustees relative to such projects has been to assume the University's proportionate share of the cost. They have also been advised that if these improvements are undertaken the University would prefer to have them completed in the order listed above. The City Engineer will submit an estimate of the cost of these improvements.

On motion of Mr. Pogue, the Board voted to maintain its present policy with respect to such improvements.

REPORT ON RELATIONS WITH LABOR UNIONS IN CHICAGO DEPARTMENTS

(21) The following report from the Director of the Physical Plant Department on the relations between his Department and the Trade Unions in Chicago:

July 6, 1936

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

I wish to report to you more in detail concerning our relations with the Trade Unions in Chicago.

For years we have been complying with the Trade Union regulations at Urbana with respect to wages and, in general, complying with their division of jurisdiction within the various crafts; this, however, has not been true in the Chicago departments. Probably because of the fact that we have had only one or two tradesmen on the staff and also due to the lack of building in the immediate vicinity, business managers of the Trade Unions in Chicago have for a number of years been inactive with respect to the University of Illinois.

With the change in personnel in the Physical Plant staff in Chicago, a few additional employees were added and taken from the Civil Service lists. These men were members of their respective unions and I believe have been of no help to us in maintaining our former status. In addition, our men have learned that employees in the Department of Public Welfare Plant have all been working in accordance with the Union regulations and receiving the higher rates of pay.

Since the start of construction of the Second Unit of the Medical and Dental College Laboratories Building, representatives of the Trade Unions have been very active in following this construction, and, as you know, we have had two strikes, one of which occurred during the past week, lasting two days. The business agents have recently been watching closely the Physical Plant employees going from one building to another, and finally last week called in a few of our men and told them the rates they were now being paid and the hours per week they were working. The agents also told these men that they would have to see that this was changed or be subject to the usual trade penalties and fines. In addition, I believe the University could also anticipate disturbances if we fail to recognize the Union and probably in the long run would suffer considerable loss of money and time if we tried to fight them. Then, too, our position would hardly be defensible, in view of our recognition of the Unions at Urbana.

Taking into consideration all these facts and the possibility of further trouble on the new unit if we fail to comply with the regulations, with the approval of the Business Office we changed the rate of pay and the working schedules of all men in the trades this week. We have been paying the men on the basis of \$1.00 per hour and working them 44 hours per week. The trade regulations call for a rate of \$1.50 per hour and a thirty-four hour week.

There are, of course, only two alternatives open to us now. One is to continue as we are doing at the present time with the same number of employees and on the new schedule, and consequently covering a proportionately smaller amount of work. This will be practically necessary with the existing budget and particularly in view of the contingent fund which we are carrying this year. If we are to keep the buildings up to the standard of maintenance which we feel is absolutely necessary, it would require four additional men on the staff and would add approximately \$9,360.00 to our annual expenditures. As I stated previously, under our present budget it is absolutely impossible for us to do this. Consequently, if no other alternatives are open to us, we will have to continue during the balance of this year on a reduced schedule.

In view of this increased cost of operation, we feel that the above amount is a minimum which should be added per year to the biennial budget request. This seems only a fair request in view of the impossibility of anticipating the changes in the regulations of the Trade Unions. I think it is evident that similar demands will be made at Urbana during the next two years, as the whole country is facing labor unrest and we will be no exception to the rule. Provision should be made, if possible, for such adjustments in the next biennium.

Very truly yours,

Physical Plant Department

By C. S. HAVENS

This report was received for record.

JULY MEETING CONTINUED

On motion of Mr. Mayer, it was voted that when the Board adjourns, it do adjourn to meet on the call of the President.

DEGREE OF DOCTOR OF MEDICINE

The Secretary presented for record the following list of degrees of Doctor of Medicine conferred from January 1 to July 1, 1936:

JOEL E. ADAMS.....	July 1
SAMUEL ALFRED ADLAND, B.S., 1933.....	July 1
BEN APPEL, B.S., 1935.....	July 1
ALFRED STONE ASH.....	July 1
HAROLD JOSEPH BARYS, B.S., 1935.....	June 8
OSCAR JACOB BECKER.....	July 1
MERRILL CHARLES BEECHER.....	July 1
ROBERT DAVID BERKE.....	July 1
ARMIN LOUIS BLAUFUSS, Ph.C., 1928.....	July 1
DANIEL EDWARD BOWERS.....	July 1
DAVID MARVIN BROTMAN, B.M., 1935.....	July 1
EMILY BAER BROWNELL, B.S., 1934.....	July 1
ROBERT VERNON CARTER.....	July 1
LOUIS CHABNER.....	July 1
ISADORE HYMEN COHN, B.S., University of Chicago, 1931.....	July 1
CLEMENT CLARK COLEMAN, B.S., 1933.....	July 1
GEORGE EDWARD COLYER, A.B., 1931; B.S., 1934.....	With Honors, July 1
NATHAN SOLOMON DEUTSCH, B.S., 1934.....	July 1
NORMAN B. DOBIN, B.S., 1934.....	July 1
SIDNEY HARVEY DUBOE.....	July 1
FRANK WAYNE EDEL, A.B., 1931.....	July 1
MAURICE GRAZIANO FARINACCI, B.S., 1934.....	February 1
THOMAS J. FITZPATRICK.....	July 1
LAWRENCE EDWARD FOULKE, B.S., Lewis Institute, 1931.....	July 1
ROBERT FRIEDENBERG, A.B., Columbia University, 1930; B.M., 1935.....	July 1
CYRIL M. GALLATI.....	July 1
HARVEY ENOCH GAYNES, B.S., 1934.....	July 1
ERVING FRANCIS GEEVER, B.S., 1933.....	July 1
GEORGE EVERETT GILMAN, A.B., 1931; B.S., 1933; M.S., 1935.....	July 1
JACOB A. GLASSMAN, B.S., 1933.....	July 1
IRWIN GLOBERSON.....	June 21
AARON LOUIS GOLDBERG.....	July 1
MANUEL GOLDFINE, B.S., University of Chicago, 1928.....	July 1
ABRAHAM GORDAY, B.S., 1933.....	July 1
MARION LEE GORDON.....	June 8
VINCENT JAMES GRECO.....	July 1
MAURICE O. GROSSMAN, A.B., 1931; B.S., 1934.....	July 1
AARON GUNTHER, B.S., 1933.....	July 1
JACOB FRANCIS HAHN, B.S., 1930; M.S., 1936.....	July 1
ZIGMORE HARRIS, B.S., 1933.....	July 1
RICHARD TEAL HAVERSTOCK, B.S., 1933.....	July 1
JAMES HENRY HAWKES.....	July 1
PAUL E. HEPNER, B.S., 1933.....	July 1
GEORGE RAY HILL.....	July 1
H. SARGENT HOWARD, B.S., 1935.....	July 1
VICTOR H. HUNKEL, Ph.B., University of Wisconsin, 1928.....	July 1
CARL IRENEUS, Jr., B.S., 1933.....	July 1
JOHN HICK JOHNSTONE, B.S., 1933.....	July 1
WILLIAM HENRY KAEISER.....	July 1
JOSEPH T. KAMINSKAS.....	July 1
JACK R. KAREL, B.S., Northwestern University, 1931.....	July 1
CHARLES KATZ, B.S., 1931.....	July 1
ROBERT STEPHEN KELLER.....	July 1

GEORGE KIEVE KEPPLEMAN, B.S., 1934.....	July 1
ADELBERT HERMAN KLEIN, B.S., 1934.....	July 1
EMERSON C. KUNDE, A.B., B.S., 1931, 1933.....	July 1
MILTON ELMER KURTH, B.S., 1933.....	July 1
ALBERT THOMAS KWEDAR, B.S., 1933.....	July 1
HERBERT LANG, B.S., 1933.....	June 8
HARRY LAZAR, B.S., Lewis Institute, 1931.....	July 1
LOUIS SAMUEL LERNER, B.S., University of Chicago, 1931.....	July 1
SYDNEY S. LEVINE, B.S., University of Chicago, 1931.....	July 1
WILLIAM WAYNE LOCKWOOD, B.S., 1932.....	July 1
KATHERINE MACEACHERN, B.S., University of Chicago, 1929.....	July 1
IRWIN HARRY MAKOVSKY, B.S., 1934.....	July 1
HAROLD MARKS, A.B., B.S., 1932, 1934.....	July 1
AARON S. MASON, B.S., 1933.....	July 1
LORRELL EDWARD MESSMAN, B.S., 1933.....	July 1
IRA ROBERT MORRISON, A.B., Maryville College, 1930; B.S., 1934.....	July 1
JAMES JOSEPH MURPHY, B.S., 1933.....	July 1
CHARLES ARTHUR NELSON.....	July 1
WINSTON K. NIX.....	July 1
FRANKLIN ARNOLD OLSON, B.S., Wheaton College, 1930.....	July 1
JOHN PARKE, B.S., 1934.....	July 1
MATTHEW PLATT.....	July 1
OSCAR M. PLOTKIN, B.S., 1934.....	July 1
HAROLD PRICE, Ph.G., 1926.....	July 1
JOSEPH RAIDER.....	July 1
JAMES STEDMAN REYNOLDS, B.S., 1933.....	July 1
KEITH RHEA, B.S., 1933.....	July 1
FREDERICK JASPER RICKETTS, B.S., 1935.....	July 1
SYDNEY SIGMUND ROTH, B.S., 1933.....	July 1
JACK ROSENBERG.....	July 1
IRVING HYMAN ROSENTHAL, B.S., 1933.....	June 15
ROBERT EDWARD SCHETTLE, B.S., 1933.....	July 1
JOHN LAVINE SCHILSKY, B.S., 1933.....	July 1
KENNETH FOSNES SCHNEIDER, B.S., 1933.....	July 1
LEONARD JEROME SCHWADE.....	June 15
FRANK C. SEDLAK, B.M., 1935.....	July 1
ALEXANDER JOSEPH SHIMKUS, B.S., University of Chicago, 1931.....	July 1
HARRY I. SHULRUFF, B.S., 1933.....	With Honors, July 1
JOSEPH HOWARD SIEGFRIED.....	July 1
JEROME JOEL SIEVERS, Ph.G., 1929.....	July 1
ROBERT JAMES SIGLER, B.S., 1933.....	July 1
PASCHE SILVERT.....	July 1
DANELY PHILIP SLAUGHTER, B.S., 1933.....	July 1
MANUEL SLAVIN, A.B., Washington University, 1930.....	July 1
CLARENCE WILLIAM SMITH, Ph.C., North Pacific College, 1928.....	July 1
ROGER FRANCIS SONDAG, B.S., 1933.....	July 1
RAYMOND ELMER SORENSEN, B.S., 1933.....	July 1
ADELBERT L. SPILLER, B.S., 1933.....	July 1
ALBERT ELON STEER, B.S., 1933.....	July 1
ALBERT FRANK STEIN, B.S., 1934.....	July 1
RICHARD VAWTER STEVENSON, B.S., 1933.....	July 1
SAMUEL LLOYD STOUT, Ph.C., 1929.....	July 1
EDWARD A. TAPPAN, B.S., 1924.....	July 1
ALOYSIOUS FELIX TASCH, B.S., 1934.....	July 1
RUSSELL KENNETH TAUBERT.....	July 1
LEROY THOMAS TELFORD.....	March 15
FRANK JOSEPH TESAR, B.S., 1933.....	July 1
JACK WAGNER.....	July 1
MORRIS WATSMAN, B.S., 1933.....	With High Honors, July 1
RAYMOND BENEDICT WHITE, A.B., B.S., 1931, 1933.....	July 1
CHARLES LEROY WUNSCH.....	July 1

RESIGNATIONS AND DECLINATIONS

The Secretary presented also for record the following list of resignations and declinations.

Eder, Kurt, Microanalyst in the Department of Chemistry—resignation effective August 1, 1936.

Foss, Theodore H., Technician in the Department of Physiology, in the College of Medicine—declination effective September 1, 1936.

Holmes, Lawrence Richard, Assistant in English, on two-thirds time, for ten months beginning September 1, 1936—declination effective September 1, 1936.

Nicholas, Constance, Assistant in English, on one-third time, for ten months beginning September 1, 1936—declination effective September 1, 1936.

Purdy, Mrs. Doris B., Junior Clerk in the Office of the Dean of the College of Commerce and Business Administration—declination effective September 1, 1936.

Riseman, Henry Frank, Assistant in Animal Genetics, in the Department of Animal Husbandry, in the Agricultural Experiment Station—declination effective September 1, 1936.

Swanson, Dorothy Nordwall, Junior Stenographer in Neuropsychiatry, in the College of Medicine—resignation effective May 1, 1936.

Torgerson, Gudrun, Graduate Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences—resignation effective August 1, 1936.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Anderson, Harold Homer, Assistant Professor of Psychology, for one year beginning September 1, 1936, at a cash compensation of three thousand dollars (\$3,000). (July 9, 1936)¹

Andrews, James Burton, Administrative Assistant with the rank of Assistant Professor, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of four thousand dollars (\$4,000). (June 30, 1936)

Bain, Byford W., Assistant in Agricultural Economics Extension, in the Agricultural Extension Service, for one year beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1,500). (June 30, 1936)

Blair, Robert Lee, Instructor in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1,500) (this supersedes his previous appointment). (June 30, 1936)

Blom, Bernhard, Assistant in Animal Genetics, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (July 9, 1936)

Brighthouse, Gilbert, Instructor in Psychology, for ten months beginning September 1, 1936, at a cash compensation of two thousand dollars (\$2,000). (June 30, 1936)

Bushart, Roy Ralston, Assistant in Romance Languages, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900) (this supersedes his previous appointment). (July 2, 1936)

Butler, Mrs. Elsie Ross, Home Adviser-at-Large, in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of two thousand one hundred dollars (\$2,100). (June 30, 1936)

Coleman, Ernest Claude, Instructor in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand eight hundred ten dollars (\$1,810) (this supersedes his previous appointment). (June 30, 1936)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Cook, Maurice DeLap, Assistant in Animal Pathology, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (July 9, 1936)

Dickman, Sherman Russell, Assistant in Agronomy, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (June 30, 1936)

Dismukes, William Paul, Instructor in Romance Languages, for ten months beginning September 1, 1936, at a cash compensation of one thousand six hundred fifty dollars (\$1,650) (this supersedes his previous appointment). (July 3, 1936)

Dunlap, Glen LeRoy, Associate in Animal Pathology and Hygiene, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of two thousand eight hundred dollars (\$2,800). (June 30, 1936)

Ebey, Deane Roy, Assistant in Chemistry, on one-third time for ten months beginning September 1, 1936, at a cash compensation of four hundred dollars (\$400). (June 30, 1936)

Flores, Joseph S., Assistant in Romance Languages, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900) (this supersedes his previous appointment). (July 2, 1936)

Hannah, Harold Winford, Assistant in Agricultural Extension, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of two thousand four hundred dollars (\$2,400) (this supersedes his previous appointment). (July 1, 1936)

Kinsman, Gladys Marie, First Assistant in Home Economics, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of two thousand one hundred dollars (\$2,100). (June 30, 1936)

LaSage, Laurence Ward, Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 3, 1936)

Lee, Joseph Karl, Assistant in Agricultural Economics, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1,500). (June 30, 1936)

Liles, John Lemley, Jr., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (June 30, 1936)

Maack, Arthur Charles, Assistant in Dairy Manufactures, in the College of Agriculture and in the Agricultural Experiment Station, on one-half time for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (June 30, 1936)

Marklein, Bernard Charles, to give instruction in Analytical Chemistry, on one-half time, in the Summer Session of 1936, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of one hundred twenty-five dollars (\$125) for the session (this supersedes his previous appointment). (July 1, 1936)

Morris, Bruce Robert, Assistant in Economics, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred forty dollars (\$140) a month, and on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (June 30, 1936)

Murphy, Iva Glene, Assistant in Medicine, in the College of Medicine, for one year beginning July 1, 1936, without salary. (July 9, 1936)

Oathout, John David, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of five hundred dollars (\$500). (July 7, 1936)

Osborn, Richards Clinton, Assistant in Economics, on three-fourths time, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred five dollars (\$105) a month, and on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (June 30, 1936)

Paul, Mrs. Eva Ostema, University Junior Stenographer in the Physical Plant Department, beginning July 9, 1936, and continuing through August 31, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month (this supersedes her previous appointment). (June 30, 1936)

Pearson, Donald Emanuel, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (June 30, 1936)

Poe, Waldo Cecil, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (July 8, 1936)

Powell, Dwight, Special Research Assistant in the Agricultural Experiment Station, on three-fourths time, beginning July 1, 1936, and continuing until further notice, at a cash compensation at the rate of ninety dollars (\$90) a month. (July 9, 1936)

Reed, Cordelia, Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 3, 1936)

Schmalhausen, Josephine C., Executive Clerk in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of two thousand dollars (\$2,000) (this supersedes her previous appointment). (June 30, 1936)

Scott, Harold Martin, Associate in Poultry Husbandry, in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of one thousand four hundred dollars (\$1,400). (July 9, 1936)

Shrout, Duane C., Technician in the Department of Physiological Chemistry, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred (\$1,200). (July 9, 1936)

Shurrager, Phil Sheridan, Research Assistant in Psychology, on one-half time, beginning September 15, 1936, and continuing until August 15, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (July 3, 1936)

Smittle, Wilmer Ray, Assistant in Dairy Manufactures, in the College of Agriculture and in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (June 30, 1936)

Soderwall, Arnold Larson, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (June 8, 1936)

Steiner, George Albert, Assistant in Economics, on three-fourths time, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred five dollars (\$105) a month, and on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (June 30, 1936)

Tappan, Edward Arthur, Resident in the Department of Roentgenology, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600), plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (July 9, 1936)

Willmann, John Maurice, Research Assistant in Psychology, on one-fourth

time, for ten months beginning September 1, 1936, at a cash compensation of two hundred dollars (\$200). (July 3, 1936)

Wolcott, Philip Patchin, Assistant in Geology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 9, 1936)

Wrath, William Fredrick, Assistant in Geology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 9, 1936)

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

EXECUTIVE COMMITTEE MEETING, JULY 21, 1936

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 11 o'clock a.m. on Tuesday, July 21, 1936. Mr. Edward E. Barrett and Dr. Karl A. Meyer, members of the Committee, were present; also Professor Morey and Director Havens; also Mr. K. J. T. Ekblaw, Mr. Ralph Chapman, and Mr. Glenn M. Hobbs, of the University of Illinois Foundation.

Mr. Edward E. Barrett acted as Chairman.

SALE OF BONDS FOR MEDICAL AND DENTAL BUILDING

The Secretary of the Board stated that the purpose of the meeting was to receive a report on the bids for bonds to finance the construction of the second unit of the Medical and Dental College Laboratories Building, and to determine whether or not a meeting of the Board of Trustees to act on the matter was necessary.

Professor Morey, as Treasurer of the University of Illinois Foundation, reported that no bids for the bonds had been received.

On motion of Dr. Meyer, the Executive Committee voted that the bonds be sold to the United States Government, as originally planned.

On motion of Dr. Meyer, the Secretary of the Board was instructed to inform the members of the Board that there was no necessity to hold a meeting of the Board on Wednesday, July 22, 1936.

MATTERS PRESENTED FOR PRESIDENT WILLARD

The Secretary of the Board presented the following matters for the President of the University.

APPROPRIATION FOR DEPARTMENT OF CIVIL ENGINEERING

(1) A recommendation that an assignment of \$480 be made from the General Reserve Fund to the Department of Civil Engineering to supplement the present assignment of funds for wages.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Barrett, Dr. Meyer; absent, Mr. Karraker.

RIGHT OF WAY FOR POWER LINE TO RADIO TRANSMITTING STATION

(2) A request from the Illinois Power and Light Corporation for a right of way for the installation of poles and a power line parallel with the road along the west line of Sections 19 and 30, Township 19, North, Range 9 East of the Third Principal Meridian, approximately one foot inside of the fence line, as now located on this land. In case the adjacent highway is widened, the Company shall have the right to move its line to a point approximately one foot inside the fence or property line as re-located.

This power line is to serve the new transmitting station of Radio Station WILL which will be located on the University farms south of the campus.

On motion of Dr. Meyer, this right of way was granted.

APPROPRIATION FOR ILLINOIS STUDIES IN LANGUAGE AND LITERATURE

(3) The Dean of the Graduate School requests a special assignment of \$2,500, to supplement the appropriation made to the Graduate School for 1936-1937, to make possible the immediate publication of two double numbers of the "Illinois Studies in Language and Literature," in addition to the usual volume for 1936-1937, these two numbers to be devoted respectively to the study by Dr. A. V. Roche entitled "Les Idées Traditionalistes en France de Rivarol à Charles Maurras" and to that by Dr. Flora E. Ross entitled "Goethe in Modern France with Special Reference to Maurice Barrès, Paul Bourget, and Andrée Gide."

I recommend that an appropriation of \$2,500 be made from the General Reserve Fund for this purpose.

On motion of Dr. Meyer, this appropriation was made as recommended by the following vote: Aye, Mr. Barrett, Dr. Meyer; absent, Mr. Karraker.

FEES FOR EXTRAMURAL COURSES

(4) At the meeting of the Board on May 27, 1936 (Minutes, page 754), recommendations were presented from the Director of the Division of University Extension for a program of extramural instruction beginning September 1, 1936. The Board made an appropriation for the establishment of two graduate courses, one in Civil Engineering and one in Education.

The Faculty Committee on Fees and Scholarships recommends that the fees for these courses be \$15 a semester for a half-unit and \$25 a semester for a full unit of graduate work in each case. This is in line with the recommendations of the Division of University Extension relating to fees for extramural courses.

I recommend that these fees be established.

On motion of Dr. Meyer, these fees were authorized.

PURCHASES AUTHORIZED

Professor Morey presented the following requests that purchases be authorized, from funds already appropriated by the Board.

PURCHASE OF CANNED FRUITS AND VEGETABLES

(1) A request for authority to purchase canned fruits and vegetables for the Woman's Residence Hall, for fall delivery, to cover the requirements for next year, from various bidders, to a total of \$4,101.90. These purchases will be made from Residence Hall funds.

On motion of Dr. Meyer, these purchases were authorized.

PURCHASE OF KITCHEN CABINETS

(2) A request for authority to purchase steel kitchen cabinets for Davenport House, at a cost of \$1,087.55, f.o.b. Elgin, from the Elgin Stove and Oven Company, the lowest bidder. This is to be paid from the special appropriation made July 10, 1936.

On motion of Dr. Meyer, this purchase was authorized.

PURCHASE OF FOLDER FOR UNIVERSITY PRESS

(3) A request for authority to purchase one "Double O" Cleveland folding machine with automatic feeder, from the Dexter Folder Company, at a price of \$3,116.95, less an allowance of \$150 for the old machine that is being replaced. This is to be paid from the Print Shop Revolving Fund.

On motion of Dr. Meyer, this purchase was authorized.

The Executive Committee adjourned.

H. E. CUNNINGHAM

Clerk

EDWARD E. BARRETT

Acting Chairman

KARL A. MEYER

O. M. KARRAKER

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

September 30, 1936



The September meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10:30 o'clock a.m. (Eastern Standard Time), on Wednesday, September 30, 1936.

The following members were present: President Karraker, Mr. Barr, Mr. Barrett, Mr. Mayer, Mrs. Plumb, Mr. Williams.

President Willard was present; also Mr. Janata, Professor Morey, Judge Johnson, and Mr. Havens.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of July 10, 1936; and, for record, of a meeting of the Executive Committee of July 21, 1936.

On motion of Mr. Barrett, the minutes were approved and received for record as printed on pages 1 to 22 above.

MEETINGS OF THE EXECUTIVE COMMITTEE

The Secretary presented for record the minutes of meetings of the Executive Committee held on August 4 and 18, and September 1, 1936.

EXECUTIVE COMMITTEE MEETING, AUGUST 4, 1936

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the office of Edward E. Barrett, Chicago, on the fourth day of August, 1936, at 10 o'clock a.m., for the purpose of passing on bids for equipment for the Mining and Metallurgical Laboratory.

Those present were: O. M. Karraker, Chairman, and Edward E. Barrett. Absent: Dr. Karl A. Meyer.

At the meeting of the Board of Trustees on April 18 (Minutes, pages 626-628), bids were received on the Addition to the Mining and Metallurgical Laboratory.

Due to the fact that the total of the low bids exceeded the amount of funds available, no action was taken on the bids for laboratory equipment. Subsequently the budget for the Addition was revised and the equipment schedule was cut down. The Kewaunee Manufacturing Company, the original low bidder in this work, has agreed to accept the order for the laboratory equipment in accordance with the reduced schedule on the same unit price basis plus \$40 for installation charges, or a total of \$1,705.95. The base bid on the original schedule of equipment was \$8,747.83. Director Havens states that in view of the limited time available, and because he feels that the price quoted by the Kewaunee Manufacturing Company is a very fair offer, he recommends that the contract be awarded to them on their base bid of \$8,747.83 less a contract change order in the amount of \$7,041.88 to reduce their contract to the net amount of \$1,705.95.

On motion of Mr. Karraker, concurred in by Mr. Barrett, the recommendation of the Director of Physical Plant was approved and the contract awarded to the Kewaunee Manufacturing Company at a total price of \$1,705.95.

There being no other business, the Committee adjourned.

O. M. KARRAKER, *Chairman*
EDWARD E. BARRETT

EXECUTIVE COMMITTEE MEETING, AUGUST 18, 1936

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the office of Edward E. Barrett, Chicago, on the eighteenth day of August, 1936.

Those present were: O. M. Karraker, Chairman, and Edward E. Barrett. Absent: Dr. Karl A. Meyer.

Mr. C. S. Havens, Director of the Physical Plant Department, and Mr. E. L. Stouffer, Architect, were also present.

The meeting was called for the purpose of canvassing bids for the Scale House, authorized by the Board of Trustees at their meeting July 10, 1936 (Minutes, page 3); also, to canvass bids for the Physics Laboratory elevator.

The following bids for the Scale House were received:

<i>Bidders</i>	<i>Original Bid</i>	<i>Deduction</i>	<i>Net Bid</i>
George L. Bennett.....	\$11 487	\$3 100	\$ 8 387
T. J. Corkery.....	10 834	2 176	8 658
English Bros.....	10 597	1 600	8 997
John Felmley Co.....	12 700	.....	12 700

On motion of Mr. Barrett, the contract for the Scale House was awarded to George L. Bennett of Champaign.

The following bids for the Physics Laboratory elevator were received:

<i>Bidders</i>	<i>Base Bid</i>	<i>Deduction</i>
Haughton Elevator Co.....	3 800	...
Montgomery Elevator Co.....	3 021	\$162
Otis Elevator Co.....	3 360	605
Warner Elevator Co.....	3 264	...

On motion of Mr. Barrett, the contract for the elevator was awarded to the Otis Elevator Company at their base bid of \$3,360 less \$605 under their alternate bid for introducing an internal gear between the worm gear and rope traction drum.

There being no further business, the meeting adjourned.

O. M. KARRAKER, *Chairman*
EDWARD E. BARRETT

EXECUTIVE COMMITTEE MEETING, SEPTEMBER 1, 1936

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University Club, Chicago, on the first day of September, 1936, for the purpose of considering the acquisition of property in Urbana adjoining one of the cooperative houses for women on Springfield Avenue, which was being offered for sale by the investment company holding the mortgage on the property.

Those present were: O. M. Karraker, Chairman, and Edward E. Barrett. Absent: Dr. Karl A. Meyer.

Mr. Oscar G. Mayer, member of the Board, Mr. Charles S. Havens, Director of the Physical Plant Department, and Mr. H. M. Edwards, Purchasing Agent, were also present.

Inasmuch as the growth of the University requires additional facilities for housing the women students, and inasmuch as the property offered for sale adjoins one of our cooperative houses for women and has a good house on the property suitable for housing purposes, it was deemed advisable to secure an option for its purchase.

Therefore, on motion of Mr. Barrett, which was carried, an option was secured on this property (1206 West Springfield Avenue, Urbana, Illinois) for forty-five (45) days at a purchase price of \$5,500, by payment at this time of \$500 for the option, and an appropriation of \$500 was made from the General Reserve Fund for that purpose, the final purchase to be subject to the approval of the Board of Trustees of the University at the next regular meeting of the Board.

There being no other business, the meeting was adjourned.

O. M. KARRAKER, *Chairman*
EDWARD E. BARRETT

On motion of Mr. Barr, the purchase of the property at 1206 West Springfield Avenue, Urbana, was authorized, and the appropriation of \$5,000 was made from the General Reserve Fund, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Williams; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

TRIBUTE TO GOVERNOR LEN SMALL

Mr. Barr presented the following resolution, which, on his motion, was unanimously adopted.

The Board of Trustees of the University of Illinois records with profound sorrow the death on May 17, 1936, of the Honorable Len Small, former Governor of Illinois and a former member of the Board.

Governor Small served as a member of the Board of Trustees for ten years, first from 1915 to 1917 when, as President of the State Board of Agriculture, he was by virtue of that office also a member of the Board of Trustees of the University, and later, from 1921 to 1929, when he was Governor of the State.

The Board wishes to record its deep appreciation of the services of its former colleague, to the State as Governor, and to the University as a member of its governing body. He always manifested a deep interest in the University not only in his official capacity but as a private citizen and particularly as one interested in the agriculture of Illinois.

In recording this tribute to Governor Small, the members of the Board of Trustees direct their Secretary to send a copy of this resolution to his family as an expression of their sorrow and sympathy with them in their loss.

TRIBUTE TO OTIS WILLIS HOIT

Mr. Barrett presented the following resolution, which, on his motion, was unanimously adopted.

The members of the Board of Trustees record with deep sorrow the death on August 18, 1936, of a distinguished alumnus of the University of Illinois and a former member of the Board, the Honorable Otis Willis Hoit.

Mr. Hoit served as a member of the Board of Trustees from 1910 to 1923. At various times he served as Chairman of the Finance Committee and the Committee on Agriculture as well as a member of several other committees of the Board. His faithful and efficient work as a member of the Board and his unselfish devotion to the institution are well known to many alumni and other friends of the University. He was also one of the outstanding agricultural leaders of his generation and did much to promote the progress of that industry and the welfare of its people. His long, active life, his deep sense of public responsibility, and his keen interest in problems of public welfare are a precious heritage to his family and an inspiring example to his fellow citizens.

In recording this tribute to a former colleague, the members of the Board of Trustees direct their Secretary to send a copy of this resolution to the family of Mr. Hoit as an expression of the sorrow of the Board and its sympathy with them in their loss.

TRIBUTE TO JAMES ELDER ARMSTRONG

Mrs. Plumb presented the following resolution, which, on her motion, was unanimously adopted.

The members of the Board of Trustees record with profound sorrow the death on September 13, 1936, of a former member and President of the Board of Trustees and a distinguished educator, the Honorable James Elder Armstrong.

Mr. Armstrong, an alumnus of the University of Illinois, served as a member of its faculty, and later, from 1893 to 1899, as a member of the Board of Trustees. He was President of the Board from 1896 to 1897. His entire life was devoted to public education. For thirty-seven years, until his retirement from active service, he was Principal of the Englewood High School of Chicago. As an alumnus, as well as a former member of the Board of Trustees, he was always keenly interested in the development of the University of Illinois. He was indeed one of the distinguished school men of the State and even after his retirement from service he manifested an active interest in the problems of the public schools and gave freely of his advice and counsel.

In recording this tribute to the memory of a distinguished educator and a former colleague, the members of the Board of Trustees direct their Secretary to send a copy of this resolution to the members of the family of Mr. Armstrong as an expression of the sorrow of the Board and the sympathy of its members with them in their loss.

EXTRAMURAL INSTRUCTION

Mr. Barr, for the Committee on General Policy, made a report of progress on the consideration of the matters of extramural instruction, and the relation of the University to the Chicago Medical Park, and asked for more time to present a final report.

This request was granted.

SPACE IN NEW MEDICAL BUILDING

Mr. Barr, for the Committee on General Policy, presented a report of progress on the consideration of the assignment of space in the New Medical Building (see Minutes, June 29, 1936, page 885) and a recommendation that the Board take this matter up at a special session,

to be called as soon as possible, when representatives of all the interests involved may be heard.

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

COURSE IN PUBLIC FINANCE AND TAXATION

President Karraker presented a letter from Colonel Knowlton L. Ames, Jr., Director of the State Department of Finance, on the matter of establishing a general course in public finance and taxation.

On motion of Mr. Barr, the President of the University was requested to express to Colonel Ames the Board's sympathetic appreciation of his interest.

At this point, Dr. Meyer took his place with the Board.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LEAVE OF ABSENCE FOR DIRECTOR GEORGE HUFF

(1) A recommendation that Director George Huff of the School of Physical Education be given a leave of absence with full pay for one year from September 1, 1936, or until such prior time as he is able to return to active service. Director Huff's health makes it necessary for him to be absent for a time. He has not requested leave on these terms, but this recommendation is being made in view of his many years of service to the University.

The Board of Directors of the Athletic Association has also approved a leave of absence for Director Huff under similar conditions so far as his responsibilities to the Athletic Association are concerned.

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

ACTING DIRECTOR OF THE SCHOOL OF PHYSICAL EDUCATION AND ACTING DIRECTOR OF INTERCOLLEGIATE ATHLETICS

(2) A recommendation that the following acting appointments be approved to provide for the work of Director George Huff during his absence from active service:

1. Professor Seward C. Staley of the Department of Physical Education, Acting Director of the School of Physical Education beginning September 1, 1936, and continuing until further notice.

2. Mr. Wendell S. Wilson, Assistant Professor of Physical Education and a member of the coaching staff, Acting Director of Intercollegiate Athletics beginning September 1, 1936, and continuing until further notice. The Board of Directors of the Athletic Association has approved this appointment.

The Board of Directors of the Athletic Association has also voted that the Acting Director of the School of Physical Education and the Acting Director of Intercollegiate Athletics shall serve *ex-officio* as members of the Board during this service.

No changes in the salaries of these men are being proposed at this time.

On motion of Mr. Williams, this recommendation was approved, and the Board of Directors of the Athletic Association was requested to amend the by-laws of the Association to provide for the membership on that Board of both the Director of the School of Physical Education and the Director of Intercollegiate Athletics.¹

LEAVE OF ABSENCE FOR DEAN M. T. MCCLURE

(3) Dean M. T. McClure, of the College of Liberal Arts and Sciences, has requested a leave of absence from October 1, 1936, to January 1, 1937, on account of his health. I recommend that this leave be granted with full pay, provided

¹See action of October 26, 1936, page 79.

that any additional expense to the University due to his absence and to the temporary provision for the administration of the College shall be deducted from his salary.

I recommend further that the Executive Committee of the College of Liberal Arts and Sciences, with Professor A. B. Coble designated as Acting Chairman, be authorized to administer the affairs of the College during Dean McClure's absence.

On motion of Mrs. Plumb, this leave was granted, and the Executive Committee of the College of Liberal Arts and Sciences was authorized to administer its affairs as recommended.

LEAVE OF ABSENCE FOR PROFESSOR GEORGE F. SCHWARTZ

(4) A recommendation from the Dean of the College of Fine and Applied Arts that Professor George F. Schwartz, of the School of Music, be given a leave of absence on account of his health for one year beginning September 1, 1936, on part pay. In redistributing the teaching load of the School of Music to provide for the work of Professor Schwartz during his absence, it will be necessary for the School of Music to appoint an additional assistant at a salary of \$1,350 for the year. Professor Schwartz's salary is \$3,750. Consequently the Dean recommends that Professor Schwartz be given a leave of absence with a salary of \$2,400 for the year. This arrangement will enable the School of Music to carry on his work without additional expense to the University.

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

LEAVE OF ABSENCE FOR PROFESSOR CHARLES ZELNY

(5) Professor Charles Zeleny, Head of the Department of Zoology, has been on leave of absence on account of his health since December 10, 1935. During the balance of the first semester of 1935-1936 he was on leave with full pay; from February 1 to August 31, 1936, he was on leave with full pay with a reservation that any additional expense incurred by the Department in providing for his work during his absence would be deducted from his salary.

Dean McClure recommends that his leave of absence be continued under the same conditions until February 1, 1937, and I concur in his recommendation.

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

LEAVE OF ABSENCE FOR DR. M. S. GOLDMAN

(6) A report that Dr. M. S. Goldman, Assistant Professor of English, has been given a leave of absence without pay for one year beginning September 1, 1936, to enable him to accept an appointment as Visiting Professor at Stephens College, Columbia, Missouri. I request confirmation of this action.

On motion of Mrs. Plumb, the action of the President of the University in granting this leave of absence was confirmed.

LEAVES OF ABSENCE GRANTED MEMBERS OF THE STAFF

(7) A report that leaves of absence have been granted the following members of the staff for the periods and under the conditions indicated in each case:

1. Dr. E. Muriel Poggi, Associate in Geography, the first semester of 1936-1937 (from September 1, 1936, to February 1, 1937), on one-half pay, on account of ill health. Miss Poggi has been a member of the faculty since 1926. An appointment has been made in her place for the first semester which will involve an additional expense of \$312.50 to the University.

2. Dr. A. L. Sawyer, Assistant Professor of Medicine, one year from September 1, 1936, without pay, to enable him to engage in professional study.

3. Mrs. Margaret Milliken, Assistant in the Department of Pathology, Bacteriology, and Public Health, from September 15 to October 1, 1936, without pay, an extension of her regular vacation, on account of the health of her parents.

4. Paul David, employee in the College of Dentistry, three months sick leave with pay from September 24, 1936. Other employees are doing his work so that there is no additional expense to the University.

On motion of Mr. Mayer, this report was received for record and the actions of the President of the University were confirmed.

RESIGNATIONS OF MEMBERS OF THE STAFF

(8) A report of the acceptance of the following resignations of members of the staff of professorial rank:

1. Dr. Maurice B. Visscher, Professor of Physiology and Head of the Department in the Colleges of Medicine and Dentistry, who has accepted a position at the University of Minnesota—resignation effective September 1, 1936.

2. Dr. W. V. Howard, Associate Professor of Geology, who has accepted a position with an engineering firm in Tulsa, Oklahoma—resignation effective September 16, 1936.

3. F. W. Stubbs, Assistant Professor of Civil Engineering, who has accepted a position as Professor and Head of the Department of Civil Engineering at Rhode Island State College—resignation effective September 1, 1936.

This report was received for record.

LECTURES BY PROFESSOR A. H. LYBYER

(9) Professor A. H. Lybyer, of the Department of History, who is on leave of absence during the first semester of 1936-1937, has been invited to give lectures on peace in nine cities from Omaha to Denver between January 10 and 20, 1937, under the auspices of the Emergency Peace Campaign. Since the purposes for which sabbatical leaves are granted do not include such activities, Professor Lybyer has inquired if the University would have any objection to his giving the lectures.

On motion of Mr. Barr, Professor Lybyer was granted permission to give these lectures.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(10) A recommendation from the Committee on Accountancy that Mr. Erwin T. Gilruth of Chicago be appointed the law member of the Board Examiners in Accountancy for three years beginning July 1, 1936, vice Mr. Edwin C. Austin, whose term has expired.

On motion of Mr. Barr, this appointment was made as recommended.

E. A. WALLACE MEMORIAL SCHOLARSHIP

(11) A report that Howard White and Richard Gordon have been appointed beneficiaries of the E. A. Wallace Memorial Scholarship Fund at the University of Illinois for the year 1936-1937 on nomination of the Board of Education of Havana, Illinois, as provided in the terms of the bequest establishing this Scholarship Fund.

This report was received for record.

TUITION FEES IN THE COLLEGE OF DENTISTRY

(12) At the meeting of the Board of Trustees on May 27, 1936 (Minutes, page 658), certain recommendations from the Committee on General Policy relating to tuition fees in the Colleges of Medicine and Dentistry were adopted by the Board. The recommendation of the Committee relating to the tuition fees in the College of Dentistry was not final, since the Committee had asked the Dean to give further consideration to the amount of the basic tuition fee.

Subsequently, the Dean recommended that the basic tuition fee be \$150 a year for residents of Illinois and \$225 a year for non-residents (payable \$75 and \$112.50 respectively each semester), the laboratory fees, which are subject to revision from time to time according to the cost of laboratory materials and other incidental expenses, to be added to the basic fee.

No formal action on the establishment of the basic fee has been taken by the Board, and I therefore recommend the establishment of these fees as recommended.

On motion of Mr. Barr, these fees were authorized as recommended.

LABORATORY FEES IN THE COLLEGE OF DENTISTRY

(13) A recommendation from the Dean of the College of Dentistry, concurred in by the Comptroller and the Provost, that the following schedule of laboratory and infirmary fees in the College of Dentistry be established, effective September 1, 1936, for all new students entering the College of Dentistry in 1936-1937 and subsequent years.

	<i>First Semester</i>	<i>Second Semester</i>
<i>First Year</i>		
Anatomy, General.....	\$ 5 00	\$ 5 00
Dental Anatomy.....	2 00	2 00
Dental Histology.....	....	12 00
Denture.....	3 00	3 00
Histology.....	12 00	....
Physiological Chemistry.....	15 50	15 50
Locker.....	1 00	....
Total.....	<u>\$38 50</u>	<u>\$37 50</u>
<i>Second Year</i>		
Bacteriology.....	\$20 50	....
Denture.....	4 00	\$7 00
Crown and Bridge.....	....	7 00
Metallurgy.....	....	8 00
Operative Dentistry.....	5 00	3 00
Physiology.....	15 50	15 50
Locker.....	1 00	....
Total.....	<u>\$46 00</u>	<u>\$40 50</u>
<i>Third Year</i>		
Crown and Bridge.....	\$ 7 00	....
Oral Pathology.....	....	\$11 00
Orthodontia.....	....	5 00
Pathology.....	11 00	....
Pharmacodynamics.....	....	10 00
Infirmary.....	28 00	28 00
Locker.....	1 00	....
Total.....	<u>\$47 00</u>	<u>\$54 00</u>
<i>Fourth Year</i>		
Infirmary Fee.....	\$50 00	\$50 00
Locker Fee.....	1 00	....
Total.....	<u>\$51 00</u>	<u>\$50 00</u>

These fees are in addition to the tuition fees of \$150 a year for residents of Illinois, and \$225 a year for non-residents, which have been established for new students effective September 1, 1936. All former students will continue to pay the tuition and laboratory fees previously in effect, namely, a total of \$200 for tuition and laboratory fees for residents of Illinois, and \$300 for non-residents.

Since the College of Dentistry opened prior to this Board meeting, it was necessary to establish these fees in advance of the meeting. In the absence of the President, the Provost of the University authorized these fees, subject to confirmation by the Board of Trustees.

On motion of Mr. Barrett, these fees were authorized as recommended.

**FEES FOR PART-TIME WORK IN THE COLLEGES OF
MEDICINE AND DENTISTRY**

(14) On July 26, 1935 (Minutes, page 371), the Board approved a schedule of fees for part-time students in the Chicago Departments. On May 27, 1936 (Minutes, page 657), the Board revised the basic tuition fees for full-time students in the Colleges of Dentistry and Medicine effective September 1, 1936, and applicable to all new students entering that year and subsequent years. This makes necessary a revision of the schedule of fees for partial programs of work in those two divisions. Accordingly, the Registrar recommends the establishment of the following schedule, effective September 1, 1936, applicable to all new students entering the Colleges of Medicine and Dentistry after that date and registering for partial programs of work:

1. For courses of the first or second year—twenty-five cents per clock hour plus full laboratory fees in the courses for which they are registered.

2. For courses of the third and fourth years—twenty cents per clock hour plus full laboratory fees in courses for which they are registered, and an additional fifteen cents per clock hour for courses involving dispensary or infirmary.

In no case will a part-time student be assessed a larger fee than the regular fees for full-time work.

The schedule of fees for part-time students in the Chicago Departments, approved on July 26, 1935, will apply to all former students who may register for partial programs of work in the future. It will also apply to part-time work in the College of Pharmacy in the cases of both former and new students, since no change has been made in the basic tuition fee of that College.

Since this Board meeting has been held after the opening of the Colleges of Medicine and Dentistry, these fees have already been established, subject to confirmation by the Board of Trustees which is hereby requested.

On motion of Mr. Barrett, these fees were authorized and the action of the President of the University was confirmed.

APPROPRIATION FOR MINOR IMPROVEMENTS

(15) A recommendation that an appropriation of \$5,000 be made from the General Reserve Fund to the Physical Plant Department for minor improvements for 1936-1937. The budget for 1935-1936 included an item of \$12,000 for this purpose but no such provision is made in the budget for the current year.

On motion of Mr. Mayer, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR RADIO STATION

(16) The Director of the Physical Plant Department has received bids on the construction of the new transmitter house and equipment for the Radio Station. Bids on the erection of the towers were previously received and submitted to the Executive Committee which authorized the award of the contract. The placing of this contract, however, was deferred until bids were received on the remainder of the work. The total cost of the project, including legal fees covering the services of the University's Washington attorney from March 5 to September 5, 1936, and an allowance of \$1,000 for contingencies, will be approximately \$25,000, whereas the appropriation made for this work, based on preliminary estimates made two years ago, was \$20,000.

Consequently, an additional assignment of \$5,000 from the General Reserve Fund will be necessary to complete the work. If the Board desires to make this appropriation it should also act upon the following bids received on the general work, plumbing, heating, and electric wiring:

GENERAL WORK

<i>Bidders</i>	<i>Base Bid</i>	<i>Alternate #1¹ (Add)</i>	<i>Check</i>
George L. Bennett.....	\$3 047 00	\$95 00	\$100 00
T. J. Corkery.....	2 984 00	66 00	90 00
E. N. DeAtley.....	3 457 00	123 00	105 00
English Bros.....	3 265 00	114 00	100 00
King & Petry.....	3 357 00	75 00	120 00

PLUMBING AND HEATING²

<i>Bidders</i>	<i>Base Bid</i>	<i>Check</i>
Carson-Payson Co.....	.....	.....
Champaign Plumbing & Heating Co.....	\$1 880 00	\$56 40
Reliable Plumbing & Heating Co.....	.....	.....

ELECTRIC WIRING

<i>Bidders</i>	<i>Base Bid</i>	<i>Check</i>
J. M. Bean Electric Shop.....	\$435 00	\$13 05
R. H. Dexter.....	425 00	12 75

RADIO RADIATORS

<i>Bidders</i>	<i>Base Bid</i>	<i>Alternate #1 (Deduct)</i>	<i>Alternate #2 (Add)</i>	<i>Alternate #3 (Deduct)</i>	<i>Alternate #4 (Deduct)</i>
Blaw-Knox Co.....	\$19 265	\$3 730	.....	\$1 300	\$2 020
Chicago Bridge & Iron Works.....	.....	.....	.....	.....	.....
International Stacey Corp.....	13 225	.....	.....	2 275	1 175
*Truscon Steel Co.....	13 710	1 380	.....	1 850	1 400

Alternate #1.—If excavation and foundation work for vertical radiators is omitted, deduct.

Alternate #2.—If Carnegie Steel Company's steel sheet piling is driven 17 1/4' at east tower and 23' at west tower so will enclose all footings and is left in place; add for piling in place and deduct for smaller footings.

Alternate #3.—If ground network is omitted from the contract, deduct.

Alternate #4.—If lighting equipment for towers as specified is omitted, deduct.

¹Provision of asbestos shingle roof instead of wood.

²The three firms listed asked for plans and specifications for the purpose of preparing bids but only the one bid was actually submitted. Other firms which were notified but which did not request drawings included George A. Zirhut, Champaign; J. Ray Gallagher, Urbana; Johnson Bros. Plumbing & Heating Co., Champaign; A. W. Murray Co., Hoopeston; Northwestern Heating & Plumbing Co., Evanston; John P. Shields, Bloomington; and Walsh & Clancy, Champaign.

³Award to Truscon Steel Company, with deductions for alternates 1 and 3, authorized September 26, 1936.

Director Havens presented the schedules of bids and recommended that awards be made to the lowest bidders in each case.

On motion of Mr. Williams, the appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

On motion of Mr. Williams, contracts were awarded to the lowest bidders as recommended.

OPERATION OF MOTOR VEHICLES BY STUDENTS

(17) The University restricts the use of automobiles and other motor vehicles by undergraduate students in the departments in Urbana and Champaign to cases of demonstrated necessity or special convenience. The Committee on Student Affairs, which administers this regulation, has recommended that certain safety measures applying to the operation of student automobiles be adopted and the Committee has been authorized to put into effect the following program:

1. Inspection of student cars, as a check upon their mechanical condition, by the Illinois State Highway Police. This inspection will be made without cost to the University. Students whose cars are not considered in good mechanical condition will not be permitted to operate them.

2. Physical examinations of applicants for motor vehicle permits by the Health Service Station to determine their physical fitness to operate cars.

I request that the authorization of this program be confirmed.

On motion of Mr. Barr, the action of the President of the University in authorizing these regulations was confirmed.

FINANCING OF STUDENT CENTER BUILDING

(18) The following report from the Directors of the University of Illinois Foundation on a campaign to raise funds for the construction of a Student Center Building:

(a) If a Federal grant of \$450,000 is obtained, the Foundation recommends that a fund-raising agency be employed and that a campaign be made at once to raise \$350,000 by subscription and \$450,000 by the sale of bonds.

(b) If no Federal aid can be obtained, the Foundation recommends that further consideration be given to the time of beginning a campaign for funds.

This report was received for record.

At this point, Mr. Barr withdrew.

ALUMNI EMERGENCY LOAN FUND

(19) On April 20, 1932, the Board accepted the sum of \$4,000 from the Alumni Fund Board to be used as an emergency student loan fund. Interest has been collected on such loans and added to the fund, so that at this date it amounts to approximately \$4,800, consisting of about \$1,000 in cash and \$3,800 in outstanding notes.

When the fund was turned over to the University, it was with the understanding that the sum might be recalled if conditions demanded. In the meantime the Alumni Fund Board has turned its assets over to the University of Illinois Foundation. The Foundation expects to need the money represented by the loan fund in the near future, and has requested that, as rapidly as practicable, it be turned back.

I recommend that the Comptroller be authorized to return to the University of Illinois Foundation the sum now on hand in the Alumni Emergency Loan Fund, and additional sums when collected on outstanding notes of the fund.

On motion of Mr. Barrett, the Comptroller was authorized to return to the University of Illinois Foundation the part of this fund now on hand, and such additional sums that may come in by the payment of existing loans.

EMERGENCY LOAN FUNDS

(20) Officers of the University having to do with student loans report that they are handicapped because of the lack of funds for emergency, short-time loans of small amounts. The withdrawal of the Alumni Emergency Fund will increase the difficulties in this respect. The regular loan funds are used for larger loans repayable after graduation, and requiring time for careful investigation and approval by several officers. At present the demand for such loans is much less than the amount available for lending in the various funds. The provisions of several of the funds are such that the Board could authorize the use of surplus balances for emergency loans.

I recommend that a sum not to exceed \$10,000 be set aside from various loan funds in which the conditions of the gifts so permit, to be used for emergency loans to students to be repaid within the University year in which made, in amounts not in excess of \$50 each, without security, with interest at 4% until maturity and 7% thereafter, such loans to be made by the Comptroller on the approval of the Dean of Men or the Dean of Women.

On motion of Mrs. Plumb, the fund was set up and the Comptroller was authorized to make such loans, subject to the above rules, from existing loan funds that may be available.

APPROPRIATION FOR EQUIPMENT FOR COLLEGE OF EDUCATION

(21) A recommendation that an assignment of \$400 be made from the General Reserve Fund to the College of Education for the purchase of dictating and transcribing equipment.

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr.

Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR UNIVERSITY BAND EQUIPMENT

(22) A recommendation that an assignment of \$1,500 be made from the General Reserve Fund for the purchase of instruments for the University Bands.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR UNIVERSITY HIGH SCHOOL

(23) The University High School has been authorized to collect a fee of \$1.00 a year for clean towel service from pupils registered in Physical Education classes. The income from this fee is to be appropriated to the high school to cover the cost of the towel service, but was not included in the budget for 1936-1937. Accordingly, I recommend that an assignment of \$200 be made from the General Reserve Fund to the University High School for this purpose.

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF AGRONOMY

(24) A recommendation that an appropriation of \$1,825 be made for the following purposes to the Department of Agronomy, from the unappropriated balance in the funds of that Department resulting from receipts in excess of budget estimates in its farming operations during preceding years:

- | | |
|--|-------------------|
| 1. Publication of bulletin reporting development in the production of hybrid corn..... | \$ 500 00 |
| 2. Installation of equipment in Agronomy Seed House..... | 1 325 24 |
| <i>Total</i> | <u>\$1 825 24</u> |

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR SCALE HOUSE

(25) At the meeting of the Board on July 10, 1936 (Minutes, page 3), the construction of a Scale House for the College of Agriculture was authorized at a cost not to exceed \$14,000, with the understanding that the cost would be met from the balance of \$4,200 in the appropriation for Minor Agricultural Buildings, plus \$9,800 from the unappropriated income of the Department of Animal Husbandry.

The Dean of the College of Agriculture has approved the assignment from the unappropriated income of the Department of Animal Husbandry of such an amount as may be necessary, but not to exceed \$10,000, to cover the balance of the cost. Consequently, no assignment from the General Reserve Fund will be needed, as the minutes of the meeting of July 10, 1936, indicate the cost of this building will be covered by the balance of \$4,200 in the Minor Agricultural Buildings Account, plus an assignment of \$9,800 from the unappropriated income of the Department of Animal Husbandry.

This report was received for record.

ADJUSTMENT IN ATHLETIC ASSOCIATION BUDGET

(26) A report that the Board of Directors of the Athletic Association has authorized the purchase of twelve turnstiles for the Stadium at a price of \$79.50

each, f.o.b. Cleveland, Ohio, and that an assignment for this purchase has been made from the reserve fund of the Association.

On motion of Dr. Meyer, this action was confirmed.

REQUESTS OF LABOR UNIONS FOR INCREASES IN WAGE SCALES OF THE UNIVERSITY EMPLOYEES IN BUILDING CRAFTS

(27) The Director of the Physical Plant Department reports that it has recently been necessary to meet certain union wage scales in the Chicago Departments which would involve an annual increase of approximately \$9,360 in the operation of that Department if the maintenance program on the former standard were continued. Since additional funds could not be provided, it has been necessary to operate on a somewhat reduced program in the Chicago Departments. The Director reports that he is facing the same problem in the Urbana Departments. The Building Trades Council of Champaign and Urbana has requested an increase in the wage scales of all affiliated crafts to the standard of the 1930-1932 agreement, effective November 1, 1936. This would involve an increase of approximately twenty-five per cent over the present wage scales of University employees in those crafts. To determine the effect of these increases upon the University budget, the Director has made the following estimates, based upon the 1935-1936 expenditures of his Department:

- | | |
|--|-------------|
| 1. The additional annual cost to the University will be approximately..... | \$32 565 00 |
| 2. The additional annual cost to the Physical Plant Department will be approximately..... | 21 334 00 |
| 3. If in effect only eight months, the additional cost to the University will be approximately..... | 21 710 00 |
| 4. If in effect only eight months, the additional cost to the Physical Plant Department will be approximately..... | 14 222 00 |

It is also necessary to consider the effect of such a change on other employees not members of labor unions. Blanket increases among a limited group will naturally cause dissension among other employees who probably need even more help because their present wage scales are lower. In addition to this contingency increases in the prices of materials and the cost of utilities are reducing the amount of work which can be done by the Physical Plant Department under its existing appropriation.

It has been the policy of the University to pay the prevailing local wages. The Director of the Physical Plant Department recommends that as a matter of policy the University defer action on the notice of the Building Trades Council until some decision has been reached by the Council and the Champaign County Builders League, an association of contractors. Since the University employs more local union men than all of the other contractors, any previous action on the part of the University would definitely affect the decision on the proposal of the unions.

This report was received for record.

PURCHASE OF COAL

Mr. Mayer, for the special committee to consider the purchase of coal (Minutes, October 26, 1935, page 452), reported that as a result of investigations by Professor D. R. Mitchell and members of the staff of the Physical Plant Department and the Purchasing Agent's Office, the specifications for coal to be purchased for the Power Plant have been revised.

On motion of Mr. Mayer, this report was accepted and the special committee was discharged.

EXTENSION OF BOYDEN MORTGAGE

Mr. Mayer presented a recommendation of the Finance Committee that the Board of Trustees authorize a consent to the extension of the

second mortgage of Lois A. and John H. Boyden on 160 acres of land in Champaign County (which is among the securities given to the University as a part of the Babcock Endowment), provided that the makers of the mortgage make some payment before this extension is granted. The mortgage, when received by the University, was for \$6,440.46 and it has been reduced by realization on certain collateral in the amount of \$1,000, leaving a present balance of \$5,440.46. There is also accrued and unpaid interest on this mortgage amounting to \$1,925.52.

The holders of a \$16,000 first mortgage have agreed to an extension of that mortgage for five years, with payments of \$2,000 required during that period, and they are asking the University to agree to the extension of the second mortgage. The alternative would be foreclosure, in which case the value of the second mortgage might disappear.

The Finance Committee recommends that this mortgage be extended, if some payment on the principal be made.

On motion of Mr. Mayer, this recommendation was concurred in.

PURCHASE OF SECURITIES

Mr. Mayer reported that on recommendation of the Finance Committee, and with the approval of the members of the Executive Committee, the Comptroller has purchased the following securities for the investment of University endowment funds which became available for reinvestment as the result of the call of various securities previously owned:

\$5,000 Southwestern Gas & Electric Company 1st mortgage D 4%, due 1960, at 104. Yield 3.75.

\$2,000 Portland General Electric 1st mortgage 5%, due 1950, at 106 $\frac{1}{4}$. Yield 4.4.

\$2,000 Portland General Electric 1st mortgage 5%, due 1950, at 106 $\frac{1}{2}$. Yield 4.37.

The Comptroller reports that there still remains about \$6,000 of uninvested cash in endowment funds and he is endeavoring to conclude further purchases from the list approved by the Finance Committee as soon as possible.

On motion of Mr. Barrett, the purchase of securities was approved as reported.

RENEWAL OF POPE MORTGAGE

Mr. Mayer, for the Finance Committee, presented a report of the renewal for three years from October 1, 1936, of a first mortgage on 400 acres of land near Benton, Illinois, executed by B. W. Pope and others, amounting to \$2,500 with interest at 6 per cent, which matures September 30, 1936. The mortgage is one of the University's endowment investments and when acquired was for \$5,000, since when it has been reduced to \$2,500. It is a high-class loan and has never been delinquent.

This action was taken on the recommendation of the Finance Committee and with the approval of the Executive Committee.

On motion of Mr. Mayer, this action was approved.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

ASSIGNMENT OF LAND TO NATURAL HISTORY SURVEY

(28) The Natural History Survey needs land on which to conduct a project in tree pathology. The Dean of the College of Agriculture recommends the temporary assignment, effective at the end of the present crop season, of such part as may be needed, or all, of the 4.77 acres lying east of the Illinois Central Railroad north of St. Mary's Cemetery. This is an irregular area, 257.89 feet wide at the south end, 45.91 feet wide at the north end, and approximately 1,330 feet long.

I recommend that this land be assigned to the Natural History Survey for an indefinite period on condition that the Survey will formally agree in advance that the land will be relinquished whenever it is needed by the University either for the use of the College of Agriculture or for any other division.

On motion of Mr. Barrett, this assignment was made as recommended.

AGREEMENT WITH AMERICAN CYANAMID AND CHEMICAL CORPORATION FOR INDUSTRIAL INVESTIGATION

(29) A request from the Dean of the College of Agriculture for the authorization of an agreement between the University and the Illinois State Natural History Survey Division, as parties of the first part, and the American Cyanamid and Chemical Corporation, party of the second part, for a study of the effect on greenhouse plants of heavy dosages of calcium cyanide for short periods of time, in fumigation for control of mealybug (citri), and thrips, to be conducted by the Agricultural Experiment Station and the Natural History Survey.

The agreement, which has already been executed by the Corporation, is not drawn for any definite period but will become effective when executed by the University, and the Corporation has agreed to provide \$300 to carry on the investigation. The agreement conforms in all respects to other similar agreements and has been approved by the University Counsel.

I recommend approval.

On motion of Mr. Barrett, the execution of this agreement was authorized.

AGREEMENT WITH CONDON BROTHERS SEEDSMEN FOR INTRODUCTION OF IMPROVED VARIETIES OF TOMATOES

(30) A report that the Comptroller and Secretary of the Board were authorized to execute for the University an agreement with the Condon Brothers Seedsmen, of Rockford, Illinois, whereby that company will cooperate with the Agricultural Experiment Station in the growing and distribution of certain prescribed, improved varieties of tomatoes. This is similar to an agreement with the Vaughan's Seed Store, Incorporated, of Chicago, authorized by the Board in April, 1935 (Minutes, page 184).

On motion of Mr. Barrett, the execution of this agreement was approved.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(31) A report of the extension of the following agreements for cooperative investigations:

1. American Society of Heating and Ventilating Engineers for an investigation of heating and ventilating, extended for one year from August 1, 1936, on the same terms as those previously in effect, with no financial obligations on the part of the Society stipulated.

2. Naval Research Laboratory for a continuation of the fellowship for research work on lead storage batteries in the Department of Chemistry. This was originally authorized by the Board on September 11, 1934 (Minutes, page

24), and renewed on July 26, 1935 (Minutes, page 365). The Naval Research Laboratory proposes to pay the sum of \$1,000 to cover the expense of this research work during the year 1936-1937.

3. The Canton Stamping and Enameling Company, an investigation of vitreous enamels by the Engineering Experiment Station, extended for one year from September 1, 1936, on the same terms as the original contract.

On motion of Mr. Williams, the extension of these agreements was approved.

AGREEMENT FOR BACTERIOLOGICAL INVESTIGATION OF SEMI-ACID CANNED FOODS

(32) On June 29, 1936 (Minutes, page 793), the Board authorized an agreement with the American Canning Company for a cooperative bacteriological investigation of semi-acid canned foods by the Department of Bacteriology for one year beginning September 1, 1936, the company agreeing to contribute \$1,400 to cover the expenses.

The company states that the concern which recent Federal legislation has caused the canning industry makes it desirable to postpone the initiation of the research until later.

On motion of Mr. Williams, the postponement of this agreement was authorized.

INTERPRETATION OF AGREEMENT WITH STATE DEPARTMENT OF PUBLIC WELFARE FOR THE OPERATION OF THE RESEARCH AND EDUCATIONAL HOSPITALS

(33) The agreement between the Board of Trustees of the University and the State Department of Public Welfare (Minutes, April 20, 1932, page 562) relating to the operation of the Research and Educational Hospitals, provides for a standing committee of representatives of the Department and the University to deal with problems of management of the hospitals. At a meeting of this joint committee held in Springfield on September 10, 1936, the following resolution was adopted as an interpretation of the agreement between the Board of Trustees and the Department:

Resolved, that the articles of agreement heretofore drawn up between the Department of Public Welfare and the University of Illinois College of Medicine, under an Act of the General Assembly of Illinois, for the joint administration of the institution known as the Illinois Research and Educational Hospitals, located at 1819 West Polk Street, Chicago, are understood to invest in the Department of Public Welfare the administration of the unit of the Research and Educational Hospitals known as the Illinois Surgical Institute for Crippled Children, created by an Act of the General Assembly in 1911, and that it is understood and agreed by this joint committee of management that the admittance of patients to the Surgical Institute for Crippled Children shall be controlled by the Department of Public Welfare. This resolution has been prepared to comply with regulations of the United States Department of Labor governing the allocation of federal funds to the various states for the extension of work for handicapped children.

This interpretation is submitted to the Board of Trustees for its approval.

On motion of Mr. Barrett, this resolution was adopted with the following reservation:

Whereas, as a condition of receiving Federal aid it is necessary that the control of the Surgical Institute for Crippled Children be in one agency, when such Federal aid is no longer forthcoming, or such condition is waived by the Federal Government, this resolution as an amendment of Article I, Section 2 of the Agreement between the Board of Trustees of the University and the State Department of

Public Welfare, approved on *March 11, 1932* (Minutes, April 20, 1932, page 562), shall be of no force or effect.

PURCHASE OF PROPERTY ON SOUTH GOODWIN AVENUE

(34) On July 10, 1936 (Minutes, page 2), the Board authorized the purchase of the property at 203 South Goodwin Avenue, Urbana, at a price of not to exceed \$6,500, and an assignment of this amount was made from the General Reserve Fund. The Director of the Physical Plant Department reports that this property has been purchased for \$6,000, the University to pay the 1936 taxes which amount to approximately \$100, and the title is now in the University.

This report was received for record and the unused portion of the appropriation was lapsed into the General Reserve Fund.

PAVING PROJECTS IN URBANA

(35) To supplement the report presented at the meeting on July 10, 1936 (Minutes, page 2), the Director of the Physical Plant Department submits the following estimates of the costs of paving projects which are under consideration by the City of Urbana:

	<i>Total Cost</i>	<i>University's Share</i>
Repaving Nevada from Lincoln to Mathews Avenue.	\$25 000 00	\$ 5 000 00
Repaving Springfield Avenue from Wright to Goodwin and Romine from Springfield to Main Street.	27 000 00	18 000 00

This report was received for record.

AGREEMENT WITH ILLINOIS POWER AND LIGHT CORPORATION FOR GAS SERVICE

(36) The University is purchasing gas from the Illinois Power and Light Corporation under an industrial rate authorized by the Board of Trustees on September 26, 1933 (Minutes, page 375). This rate has resulted in a material saving in the cost of gas for use in the various laboratories compared with the previous cost of this service.

The Illinois Power and Light Corporation has submitted a new proposal for rates on the industrial meters. The present and proposed rates are as follows:

Present Gas Rate

First 1000 therms in any month.	8.0¢
Second 1000 therms in any month.	4.0¢
All over 2000 therms in any month.	3.5¢
Annual minimum charge per meter.	\$1000

Proposed Gas Rate

First 500 therms in any month.	10.0¢
Next 9,500 therms in any month.	3.5¢
Next 10,000 therms in any month.	2.5¢
All over 20,000 therms in any month.	2.0¢
Monthly minimum charge per meter.	\$75 (\$900 a year)

The advantage of the proposed rates is that the annual minimum charge is reduced. The Physical Plant Department plans to add the Old Agricultural Building and the Addition to the Mining and Metallurgical Laboratory to the industrial meters, thus increasing the industrial load with the possibility of eliminating the premium the University is now paying to meet the annual charge. Although the saving will probably be small, the Director of the Physical Plant Department believes that it is to the University's advantage to accept the new proposal and he so recommends.

On motion of Mr. Barrett, this proposal was accepted.

ISSUE OF BONDS FOR MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(37) A report that on August 14, 1936, the loan and bond issue for the construction of the second unit of the Medical and Dental College Laboratories Building, known also as the Medical and Dental College Building Trust, was closed and the proceeds of the bond issue were received by the Treasurer of the University of Illinois Foundation. The total amount received was \$1,096,212.56, consisting of \$1,091,000 principal on the bond issue and \$5,212.56 accrued interest. The former was credited to Construction Fund "B" under the trust agreement and is available for the construction of the building. The latter amount (\$5,212.56) was credited to the Bond Fund to be used in paying the first interest installment.

This report was received for record.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(38) In accordance with the authorization of the Board on July 10, 1936 (Minutes, page 4), the Chairman of the Committee on Buildings and Grounds has approved certain contract change orders on work on the Medical and Dental Building, as specified below, and the following resolution is offered to ratify said actions.

On motion of Mrs. Plumb, the following resolution was adopted.

Be it resolved, that the Board of Trustees of the University of Illinois hereby ratifies and confirms the action of the Chairman of its Committee on Buildings and Grounds in approving the recommendations of the Physical Plant Department and the President of the University for the following change orders in contracts for the construction of the second unit of the Medical and Dental College Laboratories Building: General contract, orders No. 10 to 16, inclusive; Plumbing contract, orders No. 7 to 13, inclusive; Heating contract, orders No. 3 to 6, inclusive; Ventilating contract, orders No. 2 to 4, inclusive; Electrical contract, orders No. 3 to 5, inclusive.

I. General Contract

Change Order No. 10

Price allowance for light proof shades.....	\$ 3 500 00	
Price allowance for translucent shades and projection screens.....	<u>3 000 00</u>	\$ 6 500 00
Quotation of Andel & Co. (May 1, 1936)		
Light proof curtain equipment.....	\$ 3 450 00	
Duplex shades and steel frames.....	2 430 00	
Projection screens and metal covers.....	<u>482 00</u>	
	\$ 6 362 00	
Supplementary Quotation of Andel & Co. (June 30, 1936) omitting duplex shade equipment for room 251 (Research Bldg.).....	<u>95 00</u>	
		6 267 00
<i>Net Credit</i>		\$ 233 00

Note: It is understood that curtains for the door in room 610 and for rooms 227 and 228 will be furnished as indicated in the Supplementary Quotation.

No extension of time required.

Change Order No. 11

Price allowance for hardware.....	\$12 500 00
Quotation of Midwest Hardware dated June 15, 1936.....	\$ 9 650 00
Items from supplementary quotation dated June 29, 1936, including the following items at additional cost:	
1. VonDuprin Set #14½B2 for doors 405 to 406	75 40
2. Provision of lock #7738 on doors 6 to 60, 106 to 160, 206 to 260, and 306 to 360.....	19 00
3. Addition of #324½ deadlocks and #63 flush- bolts for doors 101 to 105, 102 to 104, 1 to 5, and in 4.....	18 00
4. Provision of push plates on both sides double acting fly doors.....	18 00
5. Provision of #1535 latch on first floor dressing room doors—4 @ \$1.05.....	4 20
	<u>9 784 60</u>
<i>Net Credit</i>	\$ 2 715 40

Note: It is also understood that Norton door checks will be furnished throughout except "Hercules" holders will be provided in lieu of holder arms; that emergency keys will be provided with #1535 locks; and that a list of all items by catalog number (samples if requested) will be furnished the Physical Plant Department of the University in connection with all items not covered by catalog number in the specifications prepared by the Architects, for approval in advance of placing orders for same.

No extension of time required.

Change Order No. 12

For enlarging the pit in Amphitheatre No. 412 by omission of lower step and complete finishing of remaining space.

No change in contract price.

No extension of time required.

Change Order No. 13

Whereas the original masonry specifications, paragraph 28, page 11, read as follows:

"Floor Load Test.—This Contractor shall furnish all materials and labor required in making a floor load test on a typical reinforced concrete panel as required by the City Building Department, providing twice the load for which the floor is designed. This test shall be conducted and checked in accordance with directions from Chief Building Inspector, and in the event that test is omitted, proper allowance shall be credited to the Owner."

And whereas the quality of the construction of the building is such that the Owner and Architects believe a floor load test to be superfluous, it is now desired to omit this floor load test at a credit of.....

\$ 125 00

No extension of time required.

Change Order No. 14

1. For changes in rooms 225-226; 144-151; 209-210; 528; and room 1206 covered by revision drawing No. 58, in accordance with proposal dated June 20, 1936, add.....	\$ 483 46
2. For changes in first, second, seventh, and eleventh floors covered by revision drawing No. 59, in accordance with proposal dated August 13, 1936, add.....	124 83
	\$ 608 29
3. For omission of alteration work in present Research Building, rooms 453, 454, 455, and 456, covered by Alternate Bid No. 4 of the original proposal, deduct.....	150 00
<i>Total Addition</i>	\$ 458 29

No extension of time required.

Change Order No. 15

For furnishing and erecting one 6' x 10' sign on the site in accordance with Architects' drawing No. 144, add.....	\$ 48 00
The Resident Engineer Inspector to be consulted as to exact location of sign.	
No extension of time required.	

Change Order No. 16

For fifth floor changes as covered by revision drawing No. 59, in accordance with proposals dated August 13 and 31 (copies attached), add.....	\$ 697 74
For ninth floor changes as covered by revision drawing No. 58, in accordance with proposal dated June 20 (copy attached), deduct.....	\$ 148 05
For omitting the openings and bucks for steel cabinets shown in room 922 and furnishing and erecting terra cotta, in accordance with proposal dated August 5, add.....	157 00
	\$ 854 74
	148 05
<i>Net Extra</i>	\$ 706 69

No extension of time required.

II. *Plumbing Contract**Change Order No. 7*

- Furnish in place of the one #7-A Sink in room 618, one Crane C-19346 18 x 24" roll rim sink with back and right hand end piece, trimmings to be as originally specified. Change is necessary as contractor is unable to get the 20 x 24" sink with end piece specified and space is not large enough for a 20 x 30" sink with end piece.
- Furnish in place of the two #4-A Sinks in room 14, two Alberne Stone sinks 40" long overall, 20" wide inside, and 12½" deep inside, with 8" high back (not box back), trimmings to be as originally specified; and in place of the one #4-B sink in room 14, furnish one Alberne Stone sink same as described above except no back, trimmings to be as originally specified. Change necessary on account of not sufficient space for sinks specified.
- No extension of time required nor change in contract price.

Change Order No. 8

Furnish necessary labor and material required to complete plumbing work in the Photographic Department, present Research Laboratory Building, as shown on Architects' drawing No. 60. All in accordance with proposal dated August 25, 1936, in the amount of..... \$ 856 30

No extension of time required.

Change Order No. 9

For changes in plumbing work in rooms 28, 13, and 14, as per proposal #19 dated July 8, 1936, add...	\$	86 90
For changes in plumbing work in room 13 as per proposal #26 dated August 18, 1936.....	No charge	
For changes in plumbing work in room 181 as per proposal #28 dated July 2, 1936, add.....		85 50
For changes in plumbing work in rooms 135 and 134 as per proposal #30 dated July 28, 1936, deduct..	\$	96 40
For changes in plumbing work on the fourth floor as per proposal #16 dated July 11, 1936, add.....		924 60
For changes in plumbing work on the fifth floor as per proposal #17 dated July 9, 1936, add.....		151 25
For changes in plumbing work on the sixth floor as per proposal #22 dated July 16, 1936, deduct....		353 65
For changes in plumbing work on the seventh floor as per proposal #23 dated July 16, 1936, deduct..		49 65
For omission of alteration work in rooms 453, 454, 455, and 456, Research Building, covered by Alternate Bid No. 1 of the original proposal, deduct.....		450 00
		949 70
		<u>1 248 25</u>
		949 70
		<u>\$ 298 55</u>

Total additional cost.....

No extension of time required.

Change Order No. 10

Omit installation of the old Audiffren Refrigerating machine and brine tank as specified on pages 45 and 46 of the original specifications under heading of "Present Audiffren Refrigerator and Brine Tank." Drinking water storage tank and covering for same also to be omitted.

Furnish and install, in lieu of the above, one Baker Refrigerating Unit Model F150, capacity 18,320 B.T.U. per hour, complete with 1½ H.P. 3 phase, 60 cycle, 220 volt motor and drinking water tank (pressure type) 24" diameter by 48" high, 3/16 steel, galvanized inside and out. Tank to have dished heads and 1" drain. Installation to include one magnetic valve to shut off liquid supply when machine stops and one thermostat to control temperature in water tank.

All to be in accordance with specifications of Burge Ice Machine Company, for the net additional sum of..... \$ 495 00

No extension of time required.

Change Order No. 11

Omission of two L-5 Lavatories and roughing in for same at columns A-8 and A-9 in room 509, including labor and setting and pipe covering, deduct 230 55

Omission of roughing in for sink in table T-3 at column A-4 in room 514, including pipe covering, deduct..... 28 65

\$ 259 20

Addition of gas to two C-133 tables in room 509, to be turned out of wall 4' 2" above the floor as shown on drawing EQ-5, increase gas opening in riser from 3/4" to 1", add..... 23 45

\$ 235 75

The above items covered by O'Callaghan Bros., Proposal #27 dated August 24, 1936.

Omission of roughing in of waste, vent, cold water and gas to one DU#3 Unit from room 528, deduct

35 80

The above item covered by O'Callaghan Bros., Proposal #33 dated August 28, 1936.

Total deduction

\$ 271 55

No increase in time required.

Change Order No. 12

Install a new 6" water service into Equipment Room 3, in location as originally shown and specified including new street permit and additional labor re-opening Wood Street, install water meter and fish trap as furnished by the City. Equipment in Equipment Room 3 to remain as originally specified. Install 8" tile sewer connection from present sewer stub near column J-1 to a point near filters, bring cast iron into building with trap and 6" gate valve and funnel for filter wash approximately 30" diameter across top by about 4' 0" long, vent the trap 4" to vent stack at column F-1, install filter wash to discharge into funnel. The 4" filtered water line specified to be installed from filtered water header in Equipment Room 3 to a point in present pump room (400 ft.), also the 4" city water stand-by connection from the Research & Educational Hospital Building, are to be installed and connected to the filter headers in Equipment Room 3. No additional pipe covering included for filter wash piping.

It will be necessary to cut hole through first floor slab and connect the 4" vent to the present vent stack approximately three feet above the first floor. Original pit for filter wash in Equipment Room 3 to be omitted and the floor drain for pit moved to a new location, floor drain will remain as now located.

As per O'Callaghan Bros. Proposal #4 dated August 28, 1936, add.....

\$ 1 220 85

For changing the two horizontal filters originally specified to two 96" vertical, welded shells, International Filter Co. make. No change in contract price.

Additional labor in handling the filter shells into the building.

As per O'Callaghan Bros. Proposal #3 dated August 18, 1936, add.....

125 20
\$ 1 346 05

No extension of time required.

Change Order No. 13

For changes in plumbing work on the eighth floor in accordance with Proposal #32 dated August 27, 1936, deduct.....

\$ 153 35

For changes in plumbing work on the ninth floor in accordance with Proposal #34 dated September 1, 1936, deduct.....

354 75

For changes in plumbing work on the tenth floor in accordance with Proposal #35 dated September 3, 1936, add.....

\$ 12 00

For changes in plumbing work on the eleventh floor in accordance with Proposal #36 dated September 3, 1936, deduct.....

10 00

For omitting the three downspout heads and connection from tenth floor roof gutters at columns D-2, J-1 and J-4, deduct.....

41 70
\$ 12 00 559 80
12 00

Net credit.....

\$ 547 80

No extension of time required.

III. *Heating Contract*

Change Order No. 3

For omission of work covered by Alternate Bid No. 5, alteration work in room 251 Research Laboratory Building, deduct.....

\$ 392 00

No extension of time required.

Change Order No. 4

Room 28—Provide $\frac{3}{4}$ " plugged tees, just south of column D/6 for future connection by others, in the intermediate pressure steam line, vacuum and compressed air lines. Intermediate pressure steam line directly over sink. Vacuum and compressed air lines west of column D/6, as per Change No. 15, 7/20/36, add.....

21 91

Room 134—Omit steam and return branches to Sterilizer and Autoclave with an allowance for removing sleeves that have been set in the first floor slab, as per Change No. 13, 7/18/36, deduct.....

\$ 7 81

Room 444—Furnish and install dry vacuum valve, with piping to same, on back of west sink S-15 with piping from this valve at sink to hose connection under autopsy table as shown on drawing EQ-4. Vacuum piping hose connection shall terminate in cast iron conduit fitting type GUEC as manufactured by Crouse-Hinds Co. Furnish fitting complete with screw cap; as per Change No. 4, 6/5/36, add.....

16 59

Room 510—Rough in $\frac{3}{4}$ " branch compressed air connection to dental unit, as per Change No. 14, 7/18/36, add.....

26 25

Room 528—Omit compressed air piping to dental unit, as per Change No. 3, 6/5/36, deduct.....		11 33
Room 616—Rough in $\frac{3}{4}$ " compressed air line to dental unit, as per Change No. 12, 7/1/36, add....	23 99	
Room 725—Rough in $\frac{3}{4}$ " compressed air line to table T-104 as shown on drawing EQ-7, as per Change No. 16, 7/20/36, add.....	28 28	
For omission of alteration work in rooms 453, 454, 455, and 456, Research Building, covered by Alternate Bid No. 4 of the original proposal, deduct..		544 00
	\$ 117 02	\$ 563 14
		117 02
<i>Total deduction.....</i>		\$ 446 12

No extension of time required.

Change Order No. 5

Revision of steam piping to provide for future installation of two zone control valves, as per Change No. 1-B dated July 20, 1936, add..... \$ 747 29

No extension of time required.

Change Order No. 6

Room 825

Omit the $\frac{3}{4}$ " compressed air and vacuum supplies to the "T-27" tables.

Provide roughing-in of $\frac{3}{4}$ " compressed air to two dental units in north end of room.

In accordance with Change No. 18-A dated July 28, 1936.

No change in contract price.

Room 923

Relocate the steam and return stubs for sterilizers from the south to the west partition and for roughing-in steam and return connections to the sterilizers along the north partition.

In accordance with Change No. 19 dated September 18, 1936, add.....\$ 11 25

No extension of time required.

IV. *Ventilating Contract*

Change Order No. 2

Furnish necessary labor and material required to complete alterations and additions to ventilating work in the Photographic Department, present Research Laboratory Building, as shown on Architects' drawing No. 60. All in accordance with proposal dated August 17, 1936, in the amount of \$ 842 00

No extension of time required.

Change Order No. 3

Omit exhaust duct and riser, room 134, as per proposal dated July 27, 1936, deduct..... \$ 9 08

No extension of time required.

Change Order No. 4

For installation of 16 x 6" exhaust duct connections for hoods along north side of rooms 626 and 722 and increasing riser E#4/8 to 16 x 10" and 16 x 18" for rooms 626 and 722 respectively.

For installation of exhaust duct connection for hood in room 608 and connecting same to exhaust duct for room 610, increasing this duct from 22 x 7 to 22 x 12".

As per Bloomer Heating & Ventilating Co. proposal dated July 28, 1936, add.....\$ 75 24
No extension of time required.

V. Electrical Contract

Change Order No. 3

Furnish necessary labor and material required to complete alterations and additions to electric wiring work in the Photographic Department, present Research Laboratory Building, as shown on Architects' drawing No. 60. All in accordance with proposal dated August 11, 1936, in the amount of\$ 1 819 59
No extension of time required.

Change Order No. 4

For changes in electric wiring in room 28, add.....\$ 199 95
For the following first floor changes in electric wiring work, as per proposal dated August 11, 1936, add 47 41

Rooms 141 and 142—Ceiling outlets shown to be equally spaced. Wall switch in room 141 to be omitted. Wall switch at corridor door in room 142 to remain.

Room 134—This room to be reduced in size and will become a closet. Ceiling outlet and wall switch to be roughed in accordingly. Base receptacle in room 134 to be turned around to face into room 135.

Conduits and outlets for ceiling outlets have been roughed in and will have to be capped. Conduits to offset outlets will have to be roughed in the 2½" topping on second floor and ceiling plates provided on the ceiling below. For the following changes in electrical wiring work in rooms 420 and 422, as per proposal dated June 26, 1936, add..... 52 00

Rough in six (6) branch connections to the six (6) cuspidors from base receptacles opposite each cuspidor in the east wall.

Provide electrical connection to dental unit in room 510, as per proposal dated August 11, 1936

No charge

Omit electrical connection to dental unit in room 528, as per proposal dated June 26, 1936..

No charge

Change the 1000 watt outlet, north of column A-8, on table C-114 on circuit #24 from 110 volts to 220 volts, room 614, as per proposal dated June 26, 1936..... 16 00

Rough in electrical connection in ¾" conduit to dental unit in room 616, as per proposal dated June 26, 1936..... 14 00

Rough in electrical conduit at column G-2 in room 625, as per proposal dated June 26, 1936.. 9 25

Rough in short stub to table T-104 from electric pull box, indicated on east face of column D/2, room 725. Line to be stubbed out of west wall 4' 0" above floor, as per proposal dated August 11, 1936, add.....

3 25
\$ 341 86

Rough in base receptacles shown on each side of north hall entrance to room 911, within 12" of north entrance hall walls so that extension cords can be plugged in from equipment that may be set up in hall, as per proposal dated June 26, 1936.....	No charge
Rough in electric outlet for table along north wall of room 912 between columns A7 and B7 along south wall. Rough in telephone outlet and base receptacle at column A7 in the south wall, in east wall at column A7. As per proposal dated June 26, 1936.....	21 00
Rough in for 110 volts to dental unit from one of the base receptacles in room 919, as per proposal dated June 26, 1936.....	16 00
Furnish labor and material required to relocate program bell outlet, telephone outlets and base receptacles shown in recesses at west end of room 922. Outlets to be relocated in east face of columns J-2 and J-3, as per proposal dated June 26, 1936, add.....	23 00
Rooms 924, 925, 926, and 927—Omit dental unit outlet and provide pull box and stub out of the partition off east side for new laboratory tables in room 924. Omit roughing in to dental chair in room 927 and tables T-3 in room 926. Omit three wall receptacles, one ceiling emergency outlet and one general ceiling outlet. As per proposal dated June 26, 1936, add.....	25 00
	<hr/> \$426 86

For omission of alteration work in rooms 453, 454, 455, and 456, Research Building, covered by Alternate Bid No. 2 of the original proposal, deduct.....

Total addition.....
\$ 290 00

\$ 136 86

No extension of time required.

Change Order No. 5

Room 513

Add ceiling outlet in Cashier's cage. The four ceiling outlets to be equally spaced east of "B" column center line.

Relocate telephone and base receptacles on south partition.

Signal terminal cabinet and telephone switchboard cabinet are to be installed in north wall of Cashier's cage and are to face room 513, add.....

\$ 26 70

Room 517

Floor outlets on electric circuits #11 and #12 to be replaced with base receptacles. Outlet for buzzer push-button to be placed in wall at base receptacle height, deduct.....

\$ 14 66

Room 825

Omit telephone and electric floor outlet shown at north end and electric wall stub at column B/1 and the stub between columns A/1 and A/2. Telephone outlet to be moved to west wall in line with present location. Rough in electrical connection at each of the five cuspidors to be located about 5' 6" north of center line of each dental unit and about 6' 0" in from east wall, add.....

20 16

Rooms 821 and 825

Provide roughing-in signal and electric service to five instead of three dental units. One unit to be in room 821 and four units in room 825, add..	47 33
Furnish necessary material and labor to install two additional outlets in Elevator Equipment Rooms 1015 and 1501, add.....	19 58
	<hr/> 14 66
	113 77
	<hr/> 14 66
<i>Net Extra</i>	\$ 99 11

No extension of time required.

PURCHASES RECOMMENDED

(39) A recommendation that the following purchases be authorized:

1. Choice feeder cattle for the Department of Animal Husbandry at a price of approximately \$4,000 or less. Funds are available in the budget of the Department for this purpose.

2. Pyrex laboratory glassware, 129 cases, for the General Chemical Store-room at a price of approximately \$2,400. This is a non-competitive item since the Corning Glass Works is the only manufacturer of this type of glassware and it is sold through jobbers at prices fixed by the manufacturer; also, the lowest price applies to orders for lots of 100 or more cases.

3. 500 barrels Portland Cement in paper sacks, for the Physical Plant Department's stock, from the Alpha Coal & Materials Company, Champaign, the low bidder, at a price of \$2.23 net per barrel, or a total cost of \$1,115.

4. 200 to 250 experimental lambs for the Department of Animal Husbandry from the Chicago Producers Commission Association at a price of from \$1,200 to \$1,400.

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

PURCHASES AUTHORIZED

(40) A report of the following purchases authorized by the President of the University, in accordance with the University Statutes:

1. Lumber—4000 feet northern white pine
2000 feet plain red oak
4000 feet red cypress

from Wm. C. Schreiber Lumber Company, the low bidder, at a price of \$1,191, f.o.b. Urbana.

2. Three thousand bushels of oats at 40 cents per bushel (\$1,200) from E. E. Buhs, R.R. 3, Urbana, for the Department of Dairy Husbandry. This was the only lot of suitable oats obtainable in this area.

3. Ventilators for Law Building: 4—1560 C.F.M. unit ventilators
4—1260 C.F.M. unit ventilators
2—1000 C.F.M. unit ventilators

from B. F. Sturtevant Company, Chicago, the low bidder, at a price of \$1,891, f.o.b. factory, freight allowed.

4. Transformers, cutouts, and circuit breakers for the Mining and Metallurgical Laboratory from the General Electric Company, the low bidder, at a price of \$1,651.92.

5. Copper and equipment for replacing roof on Skating Rink:

45 sheets 30" x 96"—16 oz. hard temper copper
336 sheets 30" x 96"—16 oz. soft temper copper
48 sheets 20" x 96"—16 oz. soft temper copper
100 sheets 20" x 96"—16 oz. hard temper copper lead coated
30 sheets 36" x 96"—16 oz. hard temper copper lead coated
1000 Lin. Feet $\frac{1}{4}$ " x $\frac{7}{8}$ " copper bars
300 Lin. Feet $\frac{1}{8}$ " x $\frac{7}{8}$ " copper bars
6 Lgths. 8' $3\frac{3}{4}$ " x 5" copper leaders
3 Lgths. 8' $1\frac{3}{4}$ " x $2\frac{1}{4}$ " copper leaders
12 90° elbows
3 Gross $\frac{3}{4}$ " R.H. brass machine bolts

from A. M. Castle and Company, Chicago, the low bidder, at a price of \$2,077.66, f.o.b. Urbana.

6. Rugs and carpets for Davenport House from Marshall Field and Company, the low bidder, at a price of \$4.81 per yard ($\frac{3}{4}$ width). The complete cost, including delivery and laying, was \$1,006.75.

7. Truck scale—30 ton with type registering beam for a 34' x 10' concrete deck, from Fairbanks, Morse, & Company at a price of \$1,373.75. Quotations were secured from three manufacturers, and the prices were practically identical, one bid being only 75c lower than the other two. Since Fairbanks, Morse, & Company's equipment is considered excellent, and the company has always given the University very good service, the order was placed with it.

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

REPORT OF DEATH BENEFITS PAID

(41) A report that the Comptroller has been authorized to pay the death benefits to the beneficiaries of the following members of the staff in accordance with the University Statutes and the terms of their employment:

- | | |
|---|-----------|
| 1. Burne O. Sippy, Professor of Orthodontia..... | \$ 750 00 |
| Doctor Sippy was in the service of the University from September 1, 1917, until his death on July 11, 1936. | |
| 2. Daniel Meneely, employee in the Physical Plant Department.. | 317 00 |
| Mr. Meneely was in the active service of the University from March 1, 1907, until he retired on September 1, 1928. He died on July 10, 1936. | |
| 3. Ruth A. Wardall, Professor and Head, Department of Home Economics..... | 2 097 00 |
| Miss Wardall was in the service of the University from September 1, 1921, until her death on July 15, 1936. | |
| 4. Harry A. Singer, Associate Professor of Medicine..... | 590 00 |
| Doctor Singer was in the service of the University from September 1, 1926, until his death on August 21, 1936. | |
| 5. E. B. Lytle, Associate Professor of Mathematics (on leave of absence)..... | 1 800 00 |
| Doctor Lytle was in the active service of the University from September 1, 1901, until February 1, 1935, since when he has been on leave of absence on account of ill health. | |
| 6. Nickolas Peterson, employee in the Physical Plant Department | 278 50 |
| Mr. Peterson was in the active service of the University from May 2, 1913, to September 1, 1933, when he was retired under the University Statutes. | |
| 7. Frank Stashak, Laborer in the Animal Hospital in the College of Medicine..... | 687 50 |
| Mr. Stashak was in the service of the University from July 9, 1923, until his death on September 25, 1936. | |

On motion of Mrs. Plumb, the payment of these death benefits was approved.

SETTLEMENT OF HART MORTGAGE

(42) The Comptroller reports that in accordance with the authorization of the Board on May 27, 1936, relating to the settlement of the Hart mortgage, he has accepted three orders on the Treasurer of Franklin County totaling \$4,125, drawn to the order of Marion M. Hart and endorsed by him to the Board of Trustees of the University; also, a warranty deed conveying the mortgaged property to the Board of Trustees of the University, which has been recorded in Franklin County together with the abstract brought down to date.

This report was received for record.

LEASE OF CARTER-PENNELLS FARMS

(43) A report that the Dean of the College of Agriculture has been authorized to renew the leases of Messrs. John Wiemken and H. P. Irvin, present lessees of the Carter-Pennell farms, for one year from March 1, 1937, in accordance

with the option in the present leases providing for renewal if notice is given by September 1 of the previous year.

This report was received for record.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(44) The following report of contracts and purchase orders executed by the Comptroller from June 24, 1936, to September 26, 1936, or since the last report was made to the Board of Trustees:

CONTRACTS EXECUTED BY THE COMPTROLLER

JUNE 24, 1936, TO SEPTEMBER 26, 1936

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
Charles W. Beazley	Liberal Arts and Sciences	Summer Session 1936	June 15, 1936
John Sharp Loveless	Liberal Arts and Sciences	One year from September 23, 1936	August 24, 1936
John Sutter	Law	One year from September 23, 1936	August 24, 1936
W. E. Myers	Liberal Arts and Sciences	One year from September 23, 1936	August 24, 1936
Robert Mosher	Chemical Engineering	One year from September 23, 1936	August 24, 1936
Claude C. Lomax	Agriculture	One year from September 23, 1936	August 31, 1936
Irving Huggins	Agriculture	One year from September 23, 1936	August 31, 1936
Dean Nance		One year from September 23, 1936	September 4, 1936
Leighton Cropper	Agriculture	One year from September 23, 1936	September 4, 1936
Jeanette Heimbaugh	Liberal Arts and Sciences	One year from September 23, 1936	September 4, 1936
Russell Nesbitt	Liberal Arts and Sciences	One year from September 23, 1936	September 4, 1936
Dallas Price	Liberal Arts and Sciences	One year from September 23, 1936	September 4, 1936
Marguerite Remillard	Liberal Arts and Sciences	One year from September 23, 1936	September 4, 1936
Ralph Roth	Commerce	One year from September 23, 1936	September 4, 1936
Edwin Suycott	Liberal Arts and Sciences	One year from September 23, 1936	September 4, 1936
Eugene Whalen	Commerce	One year from September 23, 1936	September 4, 1936
Ruby Stewart	Commerce	One year from September 23, 1936	September 4, 1936
Warren Richard		One year from September 23, 1936	September 4, 1936
Paul Morris		One year from September 23, 1936	September 4, 1936
William Scheffer		One year from September 23, 1936	September 4, 1936
Eleanor Velde		One year from September 23, 1936	September 4, 1936
Wendell Swain		One year from September 23, 1936	September 8, 1936
Bernard Bradley	Fine and Applied Arts	One year from September 23, 1936	September 11, 1936
Martin O'Neill	Law	One year from September 23, 1936	September 9, 1936
Sidney Shafer	Liberal Arts and Sciences	One year from September 23, 1936	September 11, 1936
Hogan Knight	Liberal Arts and Sciences	One year from September 23, 1936	September 14, 1936
George Scheerer	Engineering	One year from September 23, 1936	September 14, 1936
Louis Jenkins	Journalism	One year from September 23, 1936	September 14, 1936
Erwin Lammers	Commerce	One year from September 23, 1936	September 14, 1936
R. Elizabeth Edwards		One year from September 23, 1936	September 16, 1936
William Harold Grant		One year from September 23, 1936	September 16, 1936
William Buckley		One year from September 23, 1936	September 18, 1936

Agreement covering loan of equipment to the University as authorized by the Executive Committee in meeting of June 29, 1936:

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Linde Air Products Company	Loan of gas welding equipment, to facilitate instruction in welding, without charge to the University.		June 2, 1936

Cooperative agreement as approved by Board of Trustees in meeting of June 29, 1936 (Minutes, page 794):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
American Dry Milk Institute, Inc.	Renewal of an investigation to study the "Utilization by Animals of the Calcium of Whole Milk and of Liquid and Dried Skim Milk and their Values as Sources of Calcium in the Diet in Comparison with Other High Calcium Foods."	\$4 200	None

Renewal of cooperative agreement, as approved by Board of Trustees in meeting of July 10, 1936 (Minutes, page 9):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Crop Protection Institute	Investigation of substituted phenols as nicotine solubilizing agents in oil sprays.	\$4 200	July 15, 1936

Lease as authorized by Board of Trustees in meeting of April 18, 1936, (Minutes, page 626):

<i>With whom</i>	<i>Property</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Mid-Continent Petroleum Corporation	Nally property	Minimum, \$420, maximum \$840, per year	May 15, 1936

Renewal of leases originally approved by Board of Trustees in meeting of December 4, 1929 (Minutes, page 454), and November 10, 1933 (Minutes, page 412):

<i>With whom</i>	<i>Property</i>	<i>Amount to be received by the University</i>	<i>Date</i>
John Wiemken	North Carter-Pennell Farm	½ of grain	September 2, 1936
H. P. Irvin	South Carter-Pennell Farm	½ of grain	September 2, 1936

Minor contracts executed under the general authority conferred by Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Illinois Rural Rehabilitation Corporation	Grazing agreement for certain lands in Pope and Johnson counties	None	May 28, 1936
<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
M. D. Simmons	Sublease of portion of land leased from the Illinois Rural Rehabilitation Corporation	⅓ of grain	July 24, 1936
B. F. Anderson	Sublease of portion of land leased from the Illinois Rural Rehabilitation Corporation	⅓ of grain	July 24, 1936
A. L. Robbs	Sublease of portion of land leased from the Illinois Rural Rehabilitation Corporation	⅓ of grain	July 24, 1936
James Wells	Sublease of portion of land leased from the Illinois Rural Rehabilitation Corporation	⅓ of grain	July 24, 1936
Mary N. Bailie	Lease to 1204 West Green Street, Urbana	\$570.00	July 24, 1936
S. C. Titus	Lease to 1202 West Green Street, Urbana	\$304.00	July 24, 1936
C. W. Ogles	Agreement covering sale and removal of house from Nally property.	\$125.00	July 21, 1936
Condon Brothers Seedsmen	Agreement covering introduction of new varieties of tomatoes.	None	July 24, 1936

This report was received for record.

SECRETARY'S REPORT OF CONTRACTS

(45) The Secretary presents the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary, since the last report.

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
George L. Bennett	August 14, 1936	\$8 387 00	General contract work, Scale House
Illinois Power and Light Corporation	May 27, 1936	.....	Electric service agreement for Station WILL—three years from August 15, 1936
Walter Ingstrup Company	June 30, 1936	\$4 171 00	Painting and decorating work in the Chicago Departments
Kewaunee Manufac- turing Company	August 7, 1936	\$8 747 83	Laboratory equipment, addition to Min- ing and Metallurgical Laboratory
James L. Lyon Company	July 1, 1936	\$ 971 00	Acoustical treatment of rooms
Otis Elevator Company	August 24, 1936	\$2 755 00	Elevator equipment, Physics Laboratory
Watson Engineering Company	July 1, 1936	\$2 022 55	Acoustical treatment of rooms

The following documents in regard to the Medical and Dental College Building Trust were signed as indicated:

Trust Indenture—July 1, 1936

Lease—July 1, 1936.

This report was received for record.

SALE OF HOUSE ON NALLY PROPERTY

(46) A recommendation that the Comptroller be authorized to sell the house on the Nally property on the best terms possible.

On motion of Mr. Barrett, this sale was authorized as recommended.

QUARTERLY REPORT OF THE COMPTROLLER

(47) The quarterly report of the Comptroller to the Board of Trustees as of June 30, 1936.

This report was received for record.

**ASSIGNMENT OF APPLICATION FOR PATENT COVERING IMPROVE-
MENT IN RECOVERY OF SULFUR DIOXIDE FROM
AMMONIA SOLUTIONS, CASE 1**

(48) The Secretary of the Board of Trustees reports that he has received the assignment of Henry F. Johnstone and Alamjit D. Singh, transferring to the Board of Trustees of the University of Illinois the entire right, title, and interest in and to the invention disclosed in their application for United States Letters Patent, Serial No. 97,550, filed August 24, 1936, covering an improvement in Recovery of Sulfur Dioxide from Ammonia Solutions, Case 1.

The assignment was received and recorded in the Patent Office on August 24, 1936, in Liber W167, page 265 of Transfers of Patents.

This report was received for record.

TREASURER'S REPORT

(49) The Secretary has received the following report of the Treasurer:

STATEMENT OF RECEIPTS AND DISBURSEMENTS

FRANK M. GORDON, TREASURER

UNIVERSITY OF ILLINOIS

MARCH 10, 1936, TO JUNE 30, 1936

Balance March 10, 1936..... \$531 894 33

Receipts:

March 10 to March 31.....\$ 46 766 94

April.....263 831 32

May.....100 248 39

June.....167 352 68

578 199 33

Total, Receipts.....\$1 100 093 66

Disbursements (as per canceled checks returned to
Comptroller):

March 10 to March 31.....	\$110 251 62
April.....	150 264 71
May.....	232 823 76
June.....	232 083 65

Total, Disbursements..... 725 423 74

Balance on hand June 30, 1936 (on deposit at First National Bank of
Chicago)..... \$384 669 92

Note: U. S. securities having a market value of \$621,500.00 have been deposited by the First National Bank as collateral to secure this account.

F. M. GORDON, *Treasurer*

Correct: LLOYD MOREY, *Comptroller*

This report was referred to the Finance Committee for examination.

REPORT OF GIFTS

(50) The following report of gifts received by the University:

1. The Illinois Congress of Parents and Teachers, \$250 to establish the "Verne Hall Detweiler Loan Fund." This is offered without any restrictions or conditions and will be administered under the regulations governing other University loan funds.

2. The Chicago Tuberculosis Institute, \$424.97, to be added to the \$1,375.03 in the "Theodore B. Sachs" Memorial Fund for research work in tuberculosis. This makes a total of \$1,800 which is to be used for a residentship in the College of Medicine during the year 1936-1937.

3. The Prest-O-Lite Storage Battery Corporation, a renewal of the fellowship for 1936-1937 for research work in chemistry established by that corporation in 1934. The fellowship was originally \$2,000 per year and was later increased to \$2,400, and the corporation plans to increase it to \$2,700 for the year 1936-1937.

4. The Continental Oil Company, \$750 for the continuation of the Conoco research fellowship in chemistry during the year 1936-1937.

5. E. I. du Pont de Nemours & Company, \$2,000 for the continuation of the du Pont postdoctorate fellowship in chemistry for the year 1936-1937.

6. Sears, Roebuck and Company, \$3,750, to be used to aid first-year students in the College of Agriculture with the understanding that the officials of the College shall be the sole arbiters in the selection of students and the administration of this fund. The Dean of the College has established fifteen first-year scholarships in Agriculture in the amount of \$80, the balance of the grant to be used for emergency loans to first-year students.

7. The Duis Electric Company of Streator, the loan of welding equipment, valued at \$452, to the Department of Mechanical Engineering for use in instructional work.

8. The Textile Foundation, \$600, for the continuation of the Textile Foundation fellowship in chemistry during 1936-1937.

9. The Electrical Engineering Society, \$150, to be added to the Electrical Engineering Student Loan Fund.

10. The National Warm Air Heating and Air Conditioning Association, \$265 as an additional grant to the Department of Mechanical Engineering to aid in the research project on "Summer Cooling," which that department is carrying on.

11. The Federal Cartridge Corporation of Minneapolis, Minnesota, \$500 for the promotion of conservation work by 4-H Clubs in Illinois.

This report was received for record.

REPORT OF COMPENSATION OF UNIVERSITY EMPLOYEES FOR ACCIDENTS

(51) A report from the Comptroller on the procedure in dealing with cases of accidents to University employees and the status of such cases now pending before the State Court of Claims.

September 29, 1936

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

I believe the Board and yourself should know that we have never yet been able to secure payment of any bills on account of accidents suffered by University employees since the passage of special legislation at the last regular session of the General Assembly.

Prior to January 1933 the University, through a special committee, acted on and paid approved claims in such cases. Beginning with January 1933, at the direction of the Board, such cases were referred to the State Court of Claims. The Court reviewed a number of cases and set down a general policy to be followed and then suggested that the University act on future cases itself. This procedure was in effect from January 1933 to June 1935 inclusive.

The policy laid down by the Court, however, excluded from the benefits of the Workmen's Compensation Act a number of our employees. For that reason a considerable number of claims arising between January 1933 and June 1935 have not been paid. Some of them, therefore, are over three years old.

The legislation secured at the last General Assembly provided that all employees of the University, when engaged in any duties other than those strictly non-hazardous would be eligible to benefits of the Act. It further provided that all cases of this kind would be reviewed by the State Court of Claims. The University asked that it be allowed to pass on minor cases but the Governor insisted that this provision be eliminated. Immediately following the passage of the Act, the University began to submit these cases to the Court. The Court, however, has postponed action from time to time, asking for new information or filing in new form, with the result that no case has yet been passed on by it since July 1, 1935. We now have pending before the Court 67 cases, involving bills due local doctors, hospitals, as well as individual employees. All of these parties are justly irritated by the delay and employees are worried as to what might be the result in case they have a serious accident. In accordance with your action during the summer we are now endeavoring to handle minor cases without engaging outside service. However, the old cases are still pending and it is impossible to predict when they will be cleared up.

Cordially yours,

LLOYD MOREY, *Secretary*
University Committee on Accident
Compensation for Employees

SUMMARY OF ACCIDENT CASES SENT TO COURT OF CLAIMS

	<i>Number of cases</i>	<i>Amount</i>
Accidents occurring between January 25, 1933, and June 30, 1935.....	38	\$1 042 86
Accidents occurring between July 1, 1935, and April 1, 1936.....	21	1 605 51
Claims not reviewed by University Committee but submitted direct by attorneys representing employees....	8	15 643 58

This report was received for record.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Secretary presented for record the following list of graduate scholars and fellows appointed by the President of the University.

Chemistry.....	Kenneth K. Kearby.....	Fellowship.....	\$500
Education.....	Greydon M. Worbois.....	Fellowship.....	500
Political Science.....	Julia J. Henderson.....	Scholarship.....	300
Zoology.....	David R. Lincicome.....	Scholarship.....	300

DEGREES CONFERRED IN AUGUST, 1936

The Secretary presented also for record the following list of degrees conferred in August, 1936, as the result of work completed in the Summer Session.

GRADUATE SCHOOL

Degree of Master of Arts*In Chemistry*

GILES WARREN ABBOTT, A.B., Albion College, 1935
FRED E. DEATHERAGE, JR., A.B., Illinois College, 1935
SYLVAN OWEN GREENLEE, B.Ed., Southern Illinois State Normal University, 1935

In Economics

ROBERTA HENRIETTA MCKAY, A.B., Colorado College, 1935
LEROY LILLARD QUALLS, A.B., Illinois Wesleyan University, 1932

In Education

MARGARET WILKINS BOLDEN, A.B., 1923
RANSOM LEE BRADLEY, B.Ed., Illinois State Normal University, 1925
JOHN OYER BURCH, A.B., Illinois College, 1932
REUBEN MILTON CONRAD, A.B., Bluffton College, 1934
ELBERT EDISON FIELD, B.S., Eastern Illinois State Teachers College, 1934
GEORGE IRVIN FRIDLY, B.Ed., Illinois State Normal University, 1933
ALBERT EDWARD HUMPHREYS, B.S., 1927
EUGENE LUMMIS IHRIG, A.B., Carthage College, 1929
LOLA DEWITT MCCLURG, A.B., 1910
LAKIE BOARD MUNSON, A.B., 1931
JAMES CLINTON SOVINE, A.B., Marshall College, 1931
NETTIE FLOY VAN GILDER, B.Ed., Southern Illinois State Normal University, 1929; M.S., University of Chicago, 1931

In English

LOUISE ANTHONY, A.B., Lombard College, 1930
EDNA ELLEN HANEY, A.B., Baylor University, 1928
LOUISE MILDRED HARRIS, A.B., MacMurray College, 1928

In History

PARKER REESE AGNEW, A.B., DePauw University, 1935
GEORGE LOY CHERRY, A.B., 1931
HOMER HERBERT FIELDS, B.Ed., Southern Illinois State Normal University, 1931
ALFRED ERLAN KRUMSIEK, A.B., 1926
JAMES EUGENE ROSE, A.B., 1931
LILITH EVELYN SOUTHGATE, A.B., Butler University, 1935

In Mathematics

JACK BARNWELL, JR., A.B., Hendrix College, 1929

In Political Science

PING CHUN TSENG, A.B., National Tsing Hua University, 1929

In Romance Languages

MADELEINE VIRGINIA ANDERSON, A.B., Illinois Wesleyan University, 1931
HELEN FLORENCE COOK, A.B., MacMurray College, 1928
REGINA MAY HILL, A.B., 1933

Degree of Master of Science*In Accountancy*

CHARLES JOHN GAA, B.S., 1932
RAYMOND WEI YONG HSU, B.S., Fuh Tan University, 1935
CHARLES AUGUSTUS McDONALD, B.S., 1934

In Agricultural Economics

JOSEPH RALPH CULLISON, B.S., 1930
BERRYMAN RICHARDS HURT, B.S., 1935

In Botany

ELSIE MARGARET BRAUN, B.S., Illinois Wesleyan University, 1930

In Chemistry

RUSSELL LOWELL HICKS, B.Ed., Southern Illinois State Normal University, 1934
 WILLIS THEODORE MAAS, B.Ed., Illinois State Normal University, 1929
 EDWARD JOHN MATSON, B.S., A.B., Wheaton College, 1933
 ALBERT DANIEL REEDER, A.B., Illinois College, 1932
 JAMES HALVERSON SAMPLE, B.S., Elmhurst College, 1935
 WILBERT AUGUST TAEBEL, B.S., Elmhurst College, 1935

In Civil Engineering

KADRI EMIN INANTCH, B.S., Robert College, 1935
 SIMON YETVART KURKCIYAN, B.S., Robert College, 1933
 WILLIAM WALTER WRIGHT, B.S., Lewis Institute, 1934

In Economics

GORDON CARROLL LOSEE, B.S., 1931
 PAUL WILLIAM RAU, B.S., Southeastern Missouri State Teachers College, 1926

In Education

WILBUR JOEL ABELL, B.S., James Millikin University, 1925
 BLANCHE CLINE, B.S., Southeastern Missouri State Teachers College, 1928;
 A.M., 1933
 CLARENCE R. FEGLEY, B.Ed., Southern Illinois State Normal University, 1931
 MICHAEL WILLIAM KEHART, B.S., 1927
 VERNON WILLIAM KELLY, Ph.B., University of Wisconsin, 1929
 JOHN MILLAGE LAND, B.Ed., Southern Illinois State Normal University, 1927
 DANIEL PALMER MITCHELL, B.S., 1922
 HAZEL ELIZABETH MOORE, B.Ed., Eastern Illinois State Teachers College, 1930
 MERLE GRAYDON MOORE, B.S., 1926
 NORMAN HENRY RADFORD, B.S., 1927
 ERNEST JOHN SIMON, B.S., 1933
 MARION GRACE SPIVEY, B.S., 1935

In Library Science

MAY SMITH, B.S., 1924

In Physics

JAMES ELDON HOLCOMB, A.B., Greenville College, 1934
 VIRGIL LICHTENBERGER LIKINS, B.Ed., Illinois State Normal University, 1927
 WALTER WALDO WILLIS, B.Ed., Southern Illinois State Normal University, 1932

In Zoology

SARA ELIZABETH ESPE, A.B., Aurora College, 1934
 CHARLES LEPLIE KANATZAR, B.Ed., Eastern Illinois State Teachers College, 1935
 ROBERT JOHN SCHOFFMAN, D.V.M., Iowa State College, 1930

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts*In Liberal Arts and Sciences*

GEORGE ADAM BACHMANN
 LESTINE CARSON, with Honors
 in French
 JOHN FRANCIS CASTLE
 LELAND RALPH COX
 MARIA CROWLEY
 WILLARD BENNETT EASTMAN
 EVERETT KETCHUM EICKSTAEDT
 WILSON BARR GRAGG
 ARNOLD WILLIAM GREENBAUM
 ARLEIGH CAMILLE MEARS

WILLIAM DUWAYNE NEFF
 IRENE ADELE PETZ
 NANCY FREELAND RILEY, with
 Honors in French
 JOSIE ONEIDA SLATER
 MALCOLM CEDRIC SPENCER
 GERTRUDE MAGDALEN STIER
 ODESSA DEARTIS TAYLOR
 ERNEST MAYNARD WEBER
 ELLEN HENRIETTA WILKE
 GLENN CLARENCE WOLF

In Home Economics

HELEN EDITH BURT

Degree of Bachelor of Science*In Liberal Arts and Sciences*

WILLIAM MARTIN SCOTT, with JOSEPH NOVAK STONESIFER
Honors in Zoology

In Chemistry

ALFRED ANTON JOHNSON, with DALE VICTOR REETER
Honors GERALD CHANCY REID
ALBERT ROLLO PETTYJOHN

In Chemical Engineering

VINCENT JOSEPH LABRECQUE

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

WILLIAM WALTER DAVENPORT JAMES DANIEL HEINLEIN

In General Business

WALTER HERBERT BAKER	EDWARD JACOB FIESER
LEONARD JAMES BEATTIE	FLOYD BURTON GREEN
DONALD MEADER BECKLEY	LOWDEN ANTIS HANSELMAN
ROBERT ZIOCK BOEHMEN	LAWRENCE NORMAN JENSEN
ANDREW CHERRY	WARREN ALBERT SCHAFER
KENNETH THEODORE CURFMAN	LOUISE CHARLOTTE ZIMMERMAN

In Trade and Civic Secretarial Service

WALTER DARWIN WHITNEY

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

ELDER GRETCHEN BLOOMSTER	EVELYN FAYE HOXSEY
JOHN WAGNER BROWN	GOLDIE ANN KANNMACHER
WALTER VALMI BROWN	NOLA OPAL KANNMACHER
ALYCE COLLIER	NAOMI ZIMMERMAN KOEHLER
EMIL CORGIAT	HELEN ELIZABETH PLATT
KATHERINE LEE FRANCE	LORENA RAY PORTER
VERDIE PEARL GALBREATH	ETHEL CATHERINE PRINDABLE
STANLEY DOUGLAS GRALAK	KEITH WATSON STEIN
TOM CLIFFORD HORRALL	

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Science***In Public School Music*

EDWARD SILAS BAKER

Degree of Bachelor of Fine Arts*In Art Education*

MARGUERITE DOLCH

Degree of Bachelor of Music

WOLFGANG KUHN, with High Honors

COLLEGE OF LAW**Degree of Bachelor of Laws**

ROBERT SESSELL BROWN, A.B., Indiana University, 1934
JAMES ARTHUR EATON, B.S., 1935

CLARENCE EUGENE KIMMEL, A.B., 1917, with High Honors
 CLIFFORD ERNST SCHMIDGALL, B.S.L., Northwestern University, 1934
 ROBERT BRUCE THOMSON, A.B., 1935
 JOHN WILLIAM UNGER, A.B., Wabash College, 1932

SCHOOL OF JOURNALISM
Degree of Bachelor of Science
In Journalism

BILLIE MAXINE JORDAN

RAYMOND EUGENE PRICE

SCHOOL OF PHYSICAL EDUCATION
Degree of Bachelor of Science
In Physical Education

SHERWOOD ELLIOTT WISE

LIBRARY SCHOOL
Degree of Bachelor of Science
In Library Science

ELOISE GLADYS AGNEW, A.B., Southwest Texas State Teachers College, 1927
 RUTH LUCILLE ARCHER, A.B., Mississippi State College for Women, 1921
 HELEN E. AUSTIN, A.B., University of Arizona, 1935
 JAMES GERARD BAKER, A.B., University of Missouri, 1930
 JANET GERTRUDE BULLEN, B.S., University of Minnesota, 1931
 MARY ELIZABETH COLEMAN, A.B., Mississippi State College for Women, 1931
 HELEN MARGARET COOPER, A.B., Ohio Wesleyan University, 1935
 ANNE HARRISON CRATHORNE, A.B., 1930
 RALPH THEODORE ESTERQUEST, B.S., Northwestern University, 1933
 MARGARET LOUISE FINK, A.B., State University of Iowa, 1933
 FERNE M. GARMAN, A.B., 1932
 MARGARET GOLDEN GLENN, A.B., 1928
 VERA EVELYN GOESSLING, A.B., B.S., University of Missouri, 1922, with Honors
 FRANCES MARION HELFF, A.B., 1931, with Honors
 ELIZABETH ANNE HINCKLEY, A.B., Indiana State Normal School, 1927
 JUANITA GERALDINE KAUFMAN, A.B., 1929
 GRACIE FERN LATIMER, A.B., University of Denver, 1927
 ARETHUSA LOWREY, B.S., Central Missouri State Teachers College, 1924
 ELIZABETH MARGARET MALONE, A.B., Wesleyan College (Macon, Georgia), 1924
 ARDEN ELIZABETH MASTERS, A.B., Illinois Woman's College, 1926
 MARTHA HARRIET NUTT, A.B., Butler University, 1930
 OPHELIA MILRET PETTY, B.S., Southwest Texas State Teachers College, 1930
 ALETHA BURNETT REDMAN, A.B., Ellsworth College, 1922; A.M., State University of Iowa, 1923
 MARY LOUISE SEELY, A.B., Nebraska Wesleyan University, 1929
 MARGARET ELIZABETH SHEERS, A.B., West Texas State Teachers College, 1932
 CATHERINE ANNE SIMMS, B.Ed., Northern Illinois State Teachers College, 1934
 SISTER MARY EMERENCIANA MEDELIS, C.S.C., Ph.B., A.M., DePaul University, 1928, 1934, with High Honors
 CLYDINE CATHERINE STICKNEY, A.B., University of Texas, 1926
 FRIEDA EMILIE VOSS, Ph.B., Shurtleff College, 1925
 JOSEPHINE HUNT WALLER, A.B., 1935
 OLIVE MARY WEAVER, B.S., State Teachers College (Murfreesboro, Tennessee), 1934
 MATILDA WILEY, A.B., 1935

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Adam, Francis O., Jr., Assistant in Romance Languages—resignation effective September 1, 1936.

Allegra, Annetta R., Scholar in the Classics—declination effective September 1, 1936.

Allgaier, Earl, Assistant in Psychology—declination effective September 1, 1936.

Ambrosius, E. E., Associate in Mechanical Engineering—resignation effective September 1, 1936.

Anderson, John M., University Service Fellow in Philosophy—resignation effective September 1, 1936.

Austin, Helen E., Assistant in the Order Department of the Library—resignation effective September 1, 1936.

Brosh, Kenneth C., Assistant in Accountancy—resignation effective September 1, 1936.

Chapman, Mrs. Esther S., Stenographer in the Department of Agronomy, in the College of Agriculture—resignation effective October 5, 1936.

Coleman, E. C., Instructor in English—resignation effective September 1, 1936.

Danner, Edwin C., Assistant in Zoology—resignation effective September 1, 1936.

Esterquest, Ralph, Cataloger in the Library—resignation effective September 1, 1936.

Everett, Samuel, Assistant Professor of Education—resignation effective September 1, 1936.

Ford, Virginia, Senior Clerk in the Department of Animal Husbandry, in the College of Agriculture—resignation effective September 1, 1936.

Francis, J. D., Assistant and First Junior Resident in the Department of Orthopaedics—declination effective July 1, 1936.

Gibson, George Leroy, Assistant in Dairy Manufactures, in the College of Agriculture—resignation effective July 20, 1936.

Gillesby, W. J., Instructor in Surgery, in the College of Medicine—resignation effective September 15, 1936.

Gingrich, F. F., Extension Specialist in Junior Club Work, in the Agricultural Extension Service—resignation effective September 15, 1936.

Gregg, R. T., Assistant Principal of the University High School, and Instructor in Education, and Supervisor of the Visual Aids Service—resignation effective September 1, 1936.

Hadley, Richard, Assistant in English—resignation effective September 1, 1936.

Harman, H. J., Instructor in Architecture—resignation effective September 1, 1936.

Haskell, G. P., Assistant in English—resignation effective September 1, 1936.

Henderson, Robert, Assistant in English—resignation effective September 1, 1936.

Hill, Regina, Assistant in Romance Languages—resignation effective September 1, 1936.

Hillman, Harold R., University Service Scholar in Chemistry—resignation effective September 1, 1936.

Hood, Robin, Assistant in Economics—resignation effective September 1, 1936.

Howard, W. V., Associate Professor of Geology—resignation effective September 16, 1936.

Johnson, Harry W., Assistant in Animal Pathology and Hygiene, in the Agricultural Experiment Station—resignation effective September 7, 1936.

Kasbeer, Marion, Assistant in Chemistry, in the College of Pharmacy—resignation effective September 1, 1936.

Kinzer, E. Rose, Assistant in the Loan Department of the Library—resignation effective September 1, 1936.

Kramp, Edgar H., Assistant in Oral Surgery, in the Department of Surgery, in the College of Medicine—declination effective September 1, 1936.

Kremer, Rudolph J., Assistant Professor of Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—declination effective September 1, 1936.

Kusch, Mrs. Edith S., Assistant in the Order Department of the Library—resignation effective September 1, 1936.

Leppla, Martha, Cataloger in the Library—resignation effective September 1, 1936.

Leppla, P. W., Special Research Assistant in Chemistry—resignation effective August 15, 1936.

Lyle, Guy R., Associate in Library Science—resignation effective September 1, 1936.

Mason, Herman C., Assistant in Bacteriology and Public Health, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—cancellation effective September 1, 1936.

Mays, L. L., Assistant in Psychology—resignation effective September 1, 1936.

Moffit, A., Librarian in Chemistry—declination effective September 1, 1936.

Mood, R. G., Assistant in English—declination effective September 1, 1936.

Murphy, George T., Instructor in Surgery, in the College of Medicine—declination effective September 1, 1936.

Nielsen, Paul, Associate in General Engineering Drawing—resignation effective September 1, 1936.

Norval, Mildred, Assistant in Mathematics—resignation effective September 1, 1936.

Owen, A. L., Assistant in Agricultural Economics, in the Agricultural Experiment Station—declination effective September 1, 1936.

Peters, W. W., Instructor in Education—resignation effective September 1, 1936.

Sandin, Eric V., Assistant in English—resignation effective September 1, 1936.

Schmidt, Bernard, Assistant in English—resignation effective September 1, 1936.

Siedenburg, Dorothy, Assistant in English—resignation effective September 1, 1936.

Simon, Martha Frances, Resident in the Department of Pediatrics, in the College of Medicine—resignation effective October 1, 1936.

Simons, Joseph, Assistant in Anatomy—resignation effective October 1, 1936.

Simons, Willis Marion, Assistant in English—declination effective September 1, 1936.

Stegeman, R. A., Assistant in Chemistry—resignation effective September 1, 1936.

Stubbs, F. W., Jr., Assistant Professor of Civil Engineering—resignation effective September 1, 1936.

Sullivan, Frances, Laboratory Helper in the Department of Orthopaedics—declination effective September 1, 1936.

Tarvin, Arlene Marie, Stenographer in the Department of Romance Languages—resignation effective September 1, 1936.

Teal, R. H., Assistant in Agricultural Economics Extension, in the Agricultural Extension Service—resignation effective September 1, 1936.

Thompson, C. L., Associate in Ceramic Engineering—resignation effective September 1, 1936.

Tobias, Helen Joan, University Graduate Stenographer in the President's Office—declination effective September 1, 1936.

Twomey, Arthur C., Assistant in Zoology—resignation effective September 1, 1936.

Viesscher, Maurice B., Professor of Physiology and Head of the Department, in the College of Medicine—resignation effective September 1, 1936.

Watson, George H., University Service Scholar in Political Science—resignation effective September 1, 1936.

Weiland, Robert G., Assistant in Accountancy—declination effective September 1, 1936.

Wheeler, Marion Ruth, Laboratory Assistant in the Department of Home Economics, in the College of Agriculture—declination effective September 1, 1936.

Wiley, Matilda, Assistant in the Order Department of the Library—resignation effective September 1, 1936.

Williams, Faith, Assistant in Romance Languages—resignation effective September 1, 1936.

Zingler, Ervin K., University Service Fellow in Economics—resignation effective September 1, 1936.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Ades, Harlow W., Research Assistant in Psychology, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (July 16, 1936)¹

Anderson, Dorothy, Assistant in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500). (August 29, 1936)

Atchley, F. M., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on three-fourths time, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (August 4, 1936)

Baker, James Gerard, Cataloger in the Library, on two-thirds time, for one year beginning September 1, 1936, at a cash compensation of eight hundred dollars (\$800) (this supersedes his previous appointment). (August 5, 1936)

Barringer, Opal, Stenographer for the Appointments Committee, in the College of Education, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred dollars (\$1500). (August 5, 1936)

Bartlett, Alice, Laboratory Helper in the Department of Orthopaedics, in the College of Medicine, on three-fourths time, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of seven hundred twenty dollars (\$720) (this supersedes her previous appointment). (September 17, 1936)

Bateman, Harry Paul, Assistant in Agricultural Engineering, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1936)

Beard, Charles Noble, Assistant in Geology, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900). (September 29, 1936)

Beazley, C. W., Microanalyst in the Department of Chemistry, for one year beginning September 1, 1936, at a cash compensation of one thousand one hundred eighty dollars (\$1180). (September 10, 1936)

Benbow, Ray Glen, Extension Specialist in Junior Club Work in the Extension Service in Agriculture and Home Economics, beginning September 16, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of two thousand two hundred dollars (\$2200) a year. (August 4, 1936)

Berman, Julius, Assistant in Dental Pathology and Therapeutics, in the College of Dentistry, three half-days each week, for one year beginning September 1, 1936, without salary. (September 25, 1936)

Birkett, Dorothy Plain, University Graduate Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 8, 1936)

Blaurock, Melvin F. O., Resident in the Department of Psychiatry, in the College of Medicine, beginning July 16, 1936, and continuing through June 30, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (July 13, 1936)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Boikan, William S., Associate in Medicine, in the College of Medicine, on one-eighth time, for nine months beginning October 1, 1936, at a cash compensation of three hundred dollars (\$300). (September 24, 1936)

Booth, Alfred W., Instructor in Geology and Geography, for five months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900). (September 9, 1936)

Bosselman, Beulah, Psychiatrist in the Department of Psychiatry, in the College of Medicine, on one-half time, for one year beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800) (this is in addition to her appointment as Instructor in Psychiatry, on one-half time). (July 18, 1936)

Bradford, Leland, Research Assistant in Education, on one-fourth time, and Supervisor of the Visual Aids Service, in the Division of University Extension, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900). (September 22, 1936)

Breen, H. E., Assistant in Accountancy, in the Department of Business Organization and Operation, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900) (this supersedes his previous appointment). (September 9, 1936)

Broadbent, D. A., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (July 23, 1936)

Brogden, Hubert Edward, Assistant in Psychology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 22, 1936)

Brosh, Kenneth Charles, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 5, 1936)

Brown, George Berdine, Assistant in the Order Department of the Library, on one-half time, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 10, 1936)

Bruner, David K., Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (September 24, 1936)

Buck, Katheryn Elizabeth, Technician in the Hospital Laboratory, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200). (September 2, 1936)

Burgoyne, D. A., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 8, 1936)

Burmeier, Mildred M., Stenographer and Clerk in the Department of Horticulture, in the College of Agriculture, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (July 18, 1936)

Burmester, Ben Roy, First Assistant in Animal Physiology, in the Department of Animal Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of two thousand dollars (\$2000). (August 10, 1936)

Burtie, J. G., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 9, 1936)

Butler, Gibbon, Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred sixty-six dollars (\$966). (July 18, 1936)

Capodanno, R. T., Technical Assistant in Psychology, on one-fourth time, beginning September 15, 1936, and continuing until June 15, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (July 11, 1936)

Challacombe, C. N., Assistant in Physics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (September 18, 1936)

Circle, Sidney Joseph, Assistant in Pharmacology and Therapeutics, in the Department of Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine, on one-half time, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 4, 1936)

Clark, James G., Instructor in Civil Engineering, for ten months beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1936)

Cook, Dorothy D., Clerk and Stenographer in the Department of Theoretical and Applied Mechanics, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand one hundred eighty dollars (\$1180). (August 18, 1936)

Copper, Lucille, University Graduate Stenographer in the President's Office, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred eighty dollars (\$1380). (July 18, 1936)

Corbett, Willard Jason, First Assistant in Dairy Research, in the Department of Dairy Husbandry, in the Agricultural Experiment Station, beginning July 8, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (July 13, 1936)

Cullison, Arthur Edison, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (July 13, 1936)

Cusic, Mrs. Marie Hogans, University Junior Stenographer in Neuro-psychiatry, in the College of Medicine, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080) (this supersedes her previous appointment). (August 5, 1936)

Cusic, Mrs. Marie Hogans, Stenographer in the Department of Neurology and Neurological Surgery, in the College of Medicine, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes her previous appointment). (September 2, 1936)

Dahmus, Joseph Henry, Assistant in History, on one-half time, for five months beginning September 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 29, 1936)

Daly, Lloyd William, Research Assistant in the Classics, for one year beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 6, 1936)

Dammers, Clifford, Teacher in the University High School, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of four hundred dollars (\$400). (September 9, 1936)

De Takats, Geza, Associate Professor of Surgery, in the College of Medicine, on one-half time, for one year beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500) (this supersedes his previous appointment). (July 13, 1936)

Dickinson, D. F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (August 5, 1936)

Edmundson, Mrs. Constance H., Stenographer in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of one thousand twenty dollars (\$1020). (August 24, 1936)

Edwards, Edna Mae, Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes her previous appointment). (August 26, 1936)

Einhorn, Raymond, Junior Accountant in the Business Office, on one-half time, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 20, 1936)

Evans, Henry Pritchard, Jr., Associate in Civil Engineering, in the College of Engineering, for one year beginning September 1, 1936, at a cash compensation of two thousand four hundred dollars (\$2400). (August 29, 1936)

Fairbanks, B. W., Special Research Assistant in Animal Nutrition, in the Agricultural Experiment Station, beginning July 1, 1936, and continuing until further notice, at a cash compensation at the rate of three thousand six hundred dollars (\$3600) a year (this supersedes his previous appointment). (August 6, 1936)

Fisher, Edward G., Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred sixty-six dollars (\$966) (this supersedes his previous appointment). (September 11, 1936)

Fitch, Grace, Stenographer in the Department of Agronomy, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of one thousand twenty dollars (\$1020) (this supersedes her previous appointment). (September 2, 1936)

Fleming, Doris, Assistant in the Order Department of the Library, on one-half time, for one year beginning September 1, 1936, at a cash compensation of six hundred thirty-five dollars (\$635). (September 10, 1936)

Fleming, Naomi, Secretary to the University Counsel, on one-third time, for four months beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of forty dollars twenty-seven cents (\$40.27) a month (this supersedes her previous appointment). (September 17, 1936)

Flores, Joseph S., Assistant in Romance Languages, for ten months beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (September 22, 1936)

Foy, Bernard Louis, Assistant in the Loan Department of the Library, on three-fourths time, beginning September 8, 1936, and continuing until August 31, 1937, at a cash compensation at the rate of eighty-three dollars (\$83) a month. (September 10, 1936)

Freeman, Hal E., Instructor in Hygiene and Medical Adviser for Men, for one year beginning September 1, 1936, at a cash compensation of three thousand dollars (\$3000). (July 17, 1936)

Gaebe, Oliver Frederick, District 4-H Club Adviser in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of two thousand seven hundred dollars (\$2700), which includes seven hundred dollars (\$700) for automobile expense at 4¢ per mile actually travelled. (August 4, 1936)

Gardner, Jack Winston, Assistant in Geology, for ten months beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200). (September 29, 1936)

Gellhorn, Ernst, Professor of Physiology, in the Department of Physiology, in the College of Medicine, without salary, and Physiologist in the Department of Psychiatry, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of six thousand five hundred dollars (\$6500) (this supersedes his previous appointment). (July 18, 1936)

Getz, Charles A., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 22, 1936)

Gher, Walter Allen, Assistant in Chemistry, in the College of Pharmacy, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200). (September 9, 1936)

Giryotas, Stanley J., Assistant in Medicine, in the College of Medicine, for one year beginning September 1, 1936, without salary. (August 14, 1936)

Glass, D. B., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 29, 1936)

Glassman, Jacob A., Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1936, without salary. (September 23, 1936)

Godeke, Henry Lawrence, Assistant in Mechanical Engineering, in the College of Engineering, for ten months beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 29, 1936)

Godsey, Mrs. Ruth, Stenographer in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of nine hundred sixty dollars (\$960). (September 2, 1936)

Goodman, Glenn H., Assistant in German, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 5, 1936)

Goodson, Max R., Assistant Principal of the University High School, for ten months beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 12, 1936)

Gowen, G. Howard, Instructor in Public Health, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, for one year beginning September 1, 1936, without salary. (August 31, 1936)

Graham, Ruth, Assistant in the Library School, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of one thousand fifty dollars (\$1050). (August 4, 1936)

Grant, Isabelle Fitch, Assistant in the Order Department of the Library, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800) (this supersedes her previous appointment). (September 17, 1936)

Greshiw, George S., Laboratory Helper in the Department of Pharmacology and Therapeutics, in the College of Medicine, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (July 14, 1936)

Griffith, D. K., Assistant in Accountancy, in the Department of Business Organization and Operation, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900) (this supersedes his previous appointment). (September 9, 1936)

Hagan, Mrs. Mabel, Teacher in the University High School in the Summer Session of 1936, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of two hundred eighty-six dollars sixty-seven cents (\$286.67) for the session. (July 16, 1936)

Hanke, Albert R., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 29, 1936)

Hardin, Ruth, Cataloger in the Library, and Lecturer in Library Science, for one year beginning September 1, 1936, at a cash compensation of one thousand four hundred dollars (\$1400). (July 17, 1936)

Harman, Cameron Gerald, Instructor in Ceramic Engineering, for ten months beginning September 1, 1936, at a cash compensation of two thousand two hundred dollars (\$2200). (September 19, 1936)

Harnish, W. E., Teacher in the University High School in the Summer Session of 1936, on 83/100 time, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of three hundred twenty-five dollars eight cents (\$325.08) for the session. (July 16, 1936)

Harrell, Thomas Willard, Instructor in Psychology, for ten months beginning September 1, 1936, at a cash compensation of one thousand seven hundred dollars (\$1700). (July 13, 1936)

Hartley, M. C., Teacher in the University High School in the Summer Session of 1936, on two-fifths time, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of one hundred thirteen dollars thirty-three cents (\$113.33) for the session. (July 16, 1936)

Haswell, Richard, Associate in English, for one year beginning September 1, 1936, at a cash compensation of two thousand five hundred dollars (\$2500). (August 17, 1936)

Henkle, Herman Henry, Associate in Library Science in the Library School, for one year beginning September 1, 1936, at a cash compensation of two thousand eight hundred dollars (\$2800). (August 4, 1936)

Herron, Elbert LeRoy, Assistant in Journalism, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500). (July 24, 1936)

Holmes, Melba Lisa, Stenographer in the Department of Dairy Husbandry, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of one thousand eighty dollars (\$1080). (August 10, 1936)

Hosmer, Elizabeth Ruth, Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of one thousand dollars (\$1000). (September 9, 1936)

Howard, Henry Sargent, Resident in the Department of Pediatrics, in the College of Medicine, for nine months beginning October 1, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (September 23, 1936)

Howell, Henrietta, Assistant in the Library School, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of one thousand fifty dollars (\$1050) (this supersedes her previous appointment). (August 4, 1936)

Howell, Kenneth Lyle, Assistant in Pharmacy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 23, 1936)

Huff, Lyle Rich, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 19, 1936)

Huntington, Lucile, Assistant in the Loan Department of the Library, on one-half time, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 10, 1936)

Hyland, Mrs. Ruth H., Teacher in the University High School in the Summer Session of 1936, on one-half time, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of one hundred fifty dollars (\$150) for the session. (July 16, 1936)

Ishmael, Hortense, Stenographer in the Department of Horticulture, in the College of Agriculture, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (August 25, 1936)

Jennings, George Edwards, Educational Program Producer, in the Office of Public Information and in the Radio Station, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand six hundred dollars (\$1600). (September 4, 1936)

Jensen, Mary Elizabeth, Laboratory Assistant in the Department of Home Economics, in the College of Agriculture, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 31, 1936)

Jensen, Vernon Peter, Special Research Assistant Professor of Theoretical and Applied Mechanics, in the Engineering Experiment Station, and in the College of Engineering, beginning September 1, 1936, and continuing until further notice, at a cash compensation of three thousand six hundred dollars (\$3600) a year. (September 8, 1936)

Jerome, Eldon K., Assistant in English, Division of Speech, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of one thousand eighty-seven dollars (\$1087). (August 4, 1936)

Johnson, A. A., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (August 13, 1936)

Johnson, LaVerne, Assistant in Psychology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 31, 1936)

Johnson, Walter G., Instructor in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand eight hundred ten dollars (\$1810) (this supersedes his previous appointment). (September 9, 1936)

Johnston, Leslie Dent, Assistant in the Classics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (August 6, 1936)

Kaar, Frances La Mora, Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 11, 1936)

Katra, Adolph, Teacher in the University High School, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of four hundred dollars (\$400). (September 9, 1936)

Kearns, Clyde Wilson, Special Research Assistant in Entomology, in the Agricultural Experiment Station in cooperation with the State Natural History Survey Division, beginning July 15, 1936, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (July 18, 1936)

Kessler, L. M., Assistant in Accountancy, in the Department of Business Organization and Operation, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900) (this supersedes his previous appointment). (September 9, 1936)

King, Elmer Guenther, Assistant in Pharmacy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 23, 1936)

Kirkham, Edward James, Jr., Assistant in Accountancy, in the Department of Business Organization and Operation, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 9, 1936)

Kittredge, Clifford P., Assistant Professor of Theoretical and Applied Mechanics, for one year beginning September 1, 1936, at a cash compensation of three thousand dollars (\$3000). (August 4, 1936)

Klein, Arthur D., Assistant in Physiology, in the College of Medicine, on one-half time, beginning October 1, 1936, and continuing until February 7, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (September 23, 1936)

Klingner, Mary E., Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes her previous appointment). (September 11, 1936)

Kyle, Constance, Psychiatric Social Worker, in the Department of Psychiatry, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of two thousand dollars (\$2000). (July 18, 1936)

LaBaw, Ralph Guy, Assistant in Physics, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred fifty dollars (\$350). (August 13, 1936)

Lepper, Henry Albert, Jr., Special Research Graduate Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, in the College of Engineering, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 15, 1936)

Lindsay, Driver B., Instructor in Architecture, for ten months beginning September 1, 1936, at a cash compensation of one thousand six hundred dollars (\$1600). (September 14, 1936)

Losee, Gordon C., Assistant in Economics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (August 6, 1936)

Marr, Richard S., Supply Officer in the Military Department, beginning September 18, 1936, and continuing until August 31, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, in addition to the amount paid by the United States Government, for which the University assumes no responsibility. (September 23, 1936)

Mason, H. C., Assistant in Bacteriology and Public Health, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 8, 1936)

Mathews, Ernst G., Assistant in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand six hundred thirty dollars (\$1630). (September 9, 1936)

Mattox, N. T., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 24, 1936)

May, Merrill M., Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred sixty-six dollars (\$966). (September 17, 1936)

Mayhill, Roger, Assistant in History, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 16, 1936)

Maynard, Glenn R., Cataloger in the Library, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred dollars (\$1500). (August 5, 1936)

Mays, L. L., Assistant in Psychology, for ten months beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (August 6, 1936)

McBurney, Charles H., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1936, at a cash compensation of four hundred dollars (\$400). (September 29, 1936)

McHarry, Liesette J., to give instruction in Education, on one-half time, and Teacher in the University High School, on 28/100 time, in the Summer Session of 1936, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of three hundred five dollars fifty cents (\$305.50) for the session (this supersedes her previous appointment). (July 16, 1936)

McIntyre, Helen Lucile, Assistant in the Loan Department of the Library, on two-thirds time, beginning September 8, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of seventy-six dollars fifty cents (\$76.50) a month. (September 14, 1936)

McMullen, Charles Haynes, Reference Assistant in the Reference Department of the Library, on three-fourths time, for one year beginning September 1, 1936, at a cash compensation of nine hundred ninety-six dollars (\$996). (August 7, 1936)

McVey, Marie, Resident in the Division of Anaesthesia, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600), plus maintenance, including room, board, and laundry, furnished by the State Department of Public Welfare. (August 17, 1936)

Meglitsch, Paul A., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 24, 1936)

Melby, Dale, Mechanician in the Department of Mining and Metallurgical Engineering, on three-fourths time, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (August 5, 1936)

Meyer, Marvin Clinton, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 18, 1936)

Mielke, Eleanor Jeanette, Teacher in the University High School, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (September 9, 1936)

Miner, Timothy Graham, Assistant in Agronomy, in the Agricultural Experiment Station, on one-half time, for eleven months beginning October 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 16, 1936)

Moody, Richard, Assistant in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred fifty dollars (\$1550). (September 2, 1936)

Mosher, Fredric John, Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of one thousand dollars (\$1000). (July 15, 1936)

Mrgudich, J. N., Special Research Assistant in Chemistry, for one year beginning September 1, 1936, at a cash compensation of two thousand four hundred dollars (\$2400). (August 28, 1936)

Mummert, DeVere, District 4-H Club Adviser in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of two thousand seven hundred dollars (\$2700), which includes seven hundred dollars (\$700) for automobile expense at 4¢ per mile actually travelled. (August 4, 1936)

Nannes, Caspar, Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (September 24, 1936)

Nichols, Ina, Assistant in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1936, at a cash compensation of two thousand dollars (\$2000). (August 31, 1936)

Noyes, Helen Miller, Technician in the Department of Orthopaedic Surgery, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500). (September 26, 1936)

Oliver, W. A., Assistant Professor of Civil Engineering, for one year beginning September 1, 1936, at a cash compensation of two thousand eight hundred dollars (\$2800) (this supersedes his previous appointment). (August 26, 1936)

Olsen, A. K., Resident and Assistant in Neurology and Neurological Surgery, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars, plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare (this supersedes his previous appointment). (July 28, 1936)

Orlovich, R. B., Assistant in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500) (this supersedes his previous appointment). (September 24, 1936)

Orr, Robert McDaniel, Assistant in the Order Department of the Library, on one-half time, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 10, 1936)

Ott, Howard Frederick, Assistant in Physics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (July 22, 1936)

Overthun, Fred, Technician in the Animal Hospital, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200). (September 19, 1936)

Parker, Edward A., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 28, 1936)

Paul, Mrs. Eva Ostema, University Junior Stenographer in the Physical Plant Department, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (July 18, 1936)

Peterson, Freda Al, Extension Specialist in Nutrition and Health, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of two thousand three hundred dollars (\$2300). (August 21, 1936)

Peterson, L. V., Assistant in Education, on one-half time, and Executive Clerk in the Division of University Extension, on one-fourth time, beginning September 23, 1936, and continuing through June 30, 1937, at a cash compensation at the rate of one hundred twenty-seven dollars fifty cents (\$127.50) a month (this supersedes his previous appointment). (September 18, 1936)

Pettee, James C., Assistant in Economics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (September 24, 1936)

Pierce, Stanley Holt, Instructor in General Engineering Drawing, for ten months beginning September 1, 1936, at a cash compensation of one thousand seven hundred dollars (\$1700). (July 16, 1936)

Rassweiler, M. P., Assistant in Physics, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred fifty dollars (\$350). (September 18, 1936)

Regnier, Earl Hubert, Assistant in Rural Organization in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of two thousand dollars (\$2000). (August 4, 1936)

Roach, P. G., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1936, at a cash compensation of four hundred dollars (\$400). (July 15, 1936)

Roach, P. G., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 29, 1936)

Roerig, Mrs. Esther Price, Assistant in the Loan Department of the Library, on one-half time, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of seven hundred seventy dollars (\$770) (this supersedes her previous appointment). (September 9, 1936)

Rosaldo, Renato, Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 17, 1936)

Roth, John Bernard, Assistant in Medicine, in the College of Medicine, beginning September 16, 1936, and continuing through August 31, 1937, without salary. (September 23, 1936)

Rust, Gordon A., Assistant in English, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred sixty-six dollars (\$966). (August 4, 1936)

Ryan, D. G., Assistant Professor of Mechanical Engineering, for one year beginning September 1, 1936, at a cash compensation of two thousand eight hundred dollars (\$2800) (this supersedes his previous appointment). (August 26, 1936)

Sauer, Robert Olvin, Assistant in Physics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (July 22, 1936)

Sayre, C. R., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of seven hundred twenty dollars (\$720). (August 4, 1936)

Schieltz, N. C., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 11, 1936)

Schneider, Doris Lucile, First Assistant in Animal Pathology and Hygiene, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1936, at a cash compensation of eight hundred sixty dollars (\$860). (September 2, 1936)

Scott, Joseph Wright, Assistant in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand four hundred four dollars (\$1404). (September 9, 1936)

Secoy, Tom Guthrie, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 5, 1936)

Seely, Mary L., Cataloger in the Library, on two-thirds time, for one year beginning September 1, 1936, at a cash compensation of eight hundred dollars (\$800) (this supersedes her previous appointment). (August 5, 1936)

Seidmon, E. E. P., Instructor in Bacteriology and Public Health, in the College of Medicine, for one year beginning September 1, 1936, without salary. (July 13, 1936)

Settelmayer, J. C., Library Assistant in Chemistry, on three-fourths time, for one year beginning September 1, 1936, at a cash compensation of one thousand one hundred twenty-five dollars (\$1125) (this supersedes his previous appointment). (August 5, 1936)

Sharka, Walter, Jr., Technician in the College of Pharmacy, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200). (July 25, 1936)

Sharpe, Kenneth, Assistant in Dental Pathology and Therapeutics, in the College of Dentistry, three half-days each week, for one year beginning September 1, 1936, without salary. (September 25, 1936)

Shove, Raymond H., Assistant in the Order Department of the Library, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand seven hundred dollars (\$1700) (this supersedes his previous appointment). (September 15, 1936)

Simmons, Mrs. Beatrice S., Graduate Stenographer in the College of Education, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (July 17, 1936)

Sisler, H. H., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1936, at a cash compensation of four hundred dollars (\$400). (September 2, 1936)

Skidmore, Willard Evans, Assistant in German, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (August 4, 1936)

Slater, Charles P., Assistant in Accountancy, in the Department of Business Organization and Operation, for ten months beginning September 1, 1936, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (September 9, 1936)

Sloniker, Oral Francis, Assistant in Physics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (July 23, 1936)

Smith, Edward James, Assistant Examiner in the Registrar's Office, on three-fourths time, beginning September 23, 1936, and continuing until August 31, 1937, at a cash compensation at the rate of ninety-six dollars twenty-five cents (\$96.25) a month. (September 28, 1936)

Smith, Hiram P., Special Research Assistant in Dairy Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (July 13, 1936)

Smith, Mata, Teacher in the University High School, in the Summer Session of 1936, on one-half time, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 16, 1936)

Smith, Nettie Marie, Stenographer and Record-Keeper in the Department of Horticulture, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of nine hundred sixty dollars (\$960). (August 5, 1936)

Stadler, Therese, Record Clerk and Stenographer in the Registrar's Office (Chicago), for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred dollars (\$1300) (this supersedes her previous appointment). (September 2, 1936)

Stagman, Joseph, Assistant in Otolaryngology, in the College of Medicine, for eleven months beginning October 1, 1936, without salary. (September 25, 1936)

Stallings, H. Dean, Assistant in the Order Department of the Library, on two-thirds time, for one year beginning September 1, 1936, at a cash compensation of nine hundred twenty-four dollars (\$924). (August 5, 1936)

Stiegemeier, Ann D., Teacher in the University High School, in the Summer Session of 1936, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of two hundred sixty-six dollars sixty-seven cents (\$266.67) for the session (this supersedes her previous appointment). (July 16, 1936)

Stoeck, Martha, Stenographer in the Department of Psychiatry, in the College of Medicine, for eleven months beginning October 1, 1936, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 18, 1936)

Struck, Harold Carl, Instructor in Physiology, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800) (this supersedes his previous appointment). (August 4, 1936)

Stuart, Nellie Marie, Assistant in Voice, in the School of Music, on one-half time, beginning September 23, 1936, and continuing until July 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month; her compensation for the month of September to be fifteen dollars (\$15). (September 26, 1936)

Szurek, Stanislaus A., Associate in Psychiatry, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of three thousand dollars (\$3000). (August 26, 1936)

Taebel, W. A., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 29, 1936)

Tanner, John Gardner, Assistant in Pharmacology and Therapeutics, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month. (September 28, 1936)

Taylor, S. Helen, Teacher in the University High School, in the Summer Session of 1936, on 85/100 time, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of two hundred sixty-nine dollars seventeen cents (\$269.17) for the session. (July 16, 1936)

Terry, Henrietta, Teacher in the University High School, on three-fourths time, for ten months beginning September 1, 1936, at a cash compensation of one thousand fifty dollars (\$1050) (this supersedes her previous appointment). (September 18, 1936)

Thomas, William Edgar, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 5, 1936)

Thomas, William Frederick, Assistant in Psychology, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (September 22, 1936)

Tilden, Irvin L., Resident in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, for one year beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600), plus maintenance, including board, room, and laundry, furnished by the State Department of Public Welfare. (August 17, 1936)

Timblin, William S., Instructor in Medicine, in the College of Medicine, for one year beginning September 1, 1936, without salary. (September 11, 1936)

Tobias, Helen Joan, University Graduate Stenographer in the President's Office, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred dollars (\$1500). (July 23, 1936)

Trabert, Marion Leonard, Assistant in Physical Education for Men, on one-half time, for five months beginning September 1, 1936, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 25, 1936)

Trimble, Turner, Assistant in English, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500) (this supersedes his previous appointment). (September 11, 1936)

Tucker, Winston Harris, Associate in Public Health, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, for one year beginning September 1, 1936, without salary. (August 31, 1936)

Turpin, W. S., Instructor in Mathematics, for ten months beginning September 1, 1936, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 28, 1936)

Twomey, Arthur C., Assistant in Zoology, on one-fourth time, for five months beginning September 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 17, 1936)

Veach, Carlos W., Assistant in Agricultural Engineering, in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1936)

Vierck, Robert K., Instructor in General Engineering Drawing, beginning September 15, 1936, and continuing through June 30, 1937, at a cash compensation at the rate of two hundred dollars (\$200) a month. (September 19, 1936)

Waltemade, H. J., Assistant in the Order Department of the Library, on four-fifths time, beginning September 15, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of ninety-one dollars seventy-five cents (\$91.75) a month (this supersedes his previous appointment). (September 17, 1936)

Warren, Mildred, Junior Stenographer in the College of Dentistry, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred twenty dollars (\$1320) (this supersedes her previous appointment). (July 18, 1936)

Weiland, Robert G., Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of six hundred dollars (\$600). (August 5, 1936)

Weiss, Morris, Assistant in Medicine, in the College of Medicine, beginning September 9, 1936, and continuing through August 31, 1937, without salary. (September 14, 1936)

Westerbeek, Louise Alberta, Stenographer and Bookkeeper in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of one thousand eighty dollars (\$1080). (August 4, 1936)

Westphal, Raymond Carl, Assistant in Physics, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred dollars (\$700). (August 4, 1936)

Whitehead, Mrs. Florence Berck, Assistant in Home Economics, in the College of Agriculture, on one-half time, beginning September 16, 1936, and continuing through June 15, 1937, at a cash compensation of five hundred forty dollars (\$540). (September 11, 1936)

Whitehead, Mrs. Florence Berck, Assistant in Home Economics, in the College of Agriculture, beginning September 16, 1936, and continuing through June 15, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes her previous appointment). (September 24, 1936)

Wills, J. E., Associate in Farm Management in the Department of Agricultural Economics, in the College of Agriculture and in the Agricultural Experiment Station, for one year beginning September 1, 1936, at a cash compensation of one thousand two hundred fifty dollars (\$1250) (this supersedes his previous appointment). (August 4, 1936)

Wilson, Mrs. Frances D., Teacher in the University High School, in the Summer Session of 1936, beginning June 15, 1936, and ending August 8, 1936, at a cash compensation of two hundred eighty-six dollars sixty-seven cents (\$286.67) for the session. (July 16, 1936)

Wilson, Norma T., Clerk in the Department of Agricultural Economics, in the Agricultural Experiment Station, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (August 5, 1936)

Witt, Erma Pearl, Stenographer in the Department of Romance Languages, on one-half time, for ten months beginning September 1, 1936, at a cash compensation of four hundred twenty-five dollars (\$425). (September 28, 1936)

Wood, Patricia J., Stenographer in the Department of Horticulture, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1936, at a cash compensation of nine hundred sixty dollars (\$960). (July 20, 1936)

Yenawine, Wayne S., Cataloger in the Library, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred seventy-five dollars (\$1375) (this supersedes his previous appointment). (August 4, 1936)

The Board adjourned, to meet at such time as may be arranged by the President for the consideration of the assignment of space in the new Medical Building.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

ADJOURNED SESSION OCTOBER 9, 1936

The adjourned session of the September meeting of the Board of Trustees of the University of Illinois was held at the Palmer House, in Chicago, at six o'clock p.m. on Friday, October 9, 1936.

The following members were present: President Karraker, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Williams.

President Willard was present; also, during part of the meeting, Dean D. J. Davis, Dr. Lloyd Arnold, and Dr. Frank J. Jirka.

REQUESTS FOR SPACE IN NEW MEDICAL UNIT

President Karraker stated that the special purpose of the meeting was the consideration of requests by non-university divisions of the State Department of Public Health for space in the new unit of the Medical and Dental College Laboratories Building.

Dr. Jirka presented a request for space on the first floor of the new unit for offices and laboratories for the State Department of Public Health and the newly-planned Division of Industrial Hygiene.

Dr. Davis made a statement of the relation of the work in Public Health to the curriculum of the College of Medicine.

Dr. Arnold also made a statement on this matter.

Action on the requests was deferred until the October meeting of the Board.

DATE OF OCTOBER MEETING

The Board voted to hold its October meeting on Monday, October 26, 1936, at six o'clock p.m. (Chicago time), and on Tuesday, October 27, 1936, to consider the biennial budget.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 26 and 27, 1936



The October meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Monday, October 26, 1936, and continued through Tuesday, October 27, 1936.

When the Board convened at six o'clock p.m. on Monday, October 26, 1936, the following members were present: President Karraker, Mr. Barr, Mr. Barrett, Mrs. Freeman, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Professor Lloyd Morey, Comptroller, and Mr. A. J. Janata, Assistant to the President.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

ADVISORY COMMITTEES IN AGRICULTURE

(1) A recommendation from the Dean of the College of Agriculture for the appointment of the following Advisory Committees for the College of Agriculture and the Agricultural Experiment Station for the year 1936-1937. The long-established policy of the College of Agriculture is to nominate for these committees only persons actively engaged in, or identified with, the production of agricultural products:

Agricultural Economics

RALPH ALLEN, JR., Delavan
FRANK S. GARWOOD, Stonington
ERNEST D. LAWRENCE, Bloomington
CLIFFORD P. MILLS, St. Joseph
HENRY H. PARKE, Genoa

J. W. FRAZIER, Charleston
J. R. FULKERSON, Jerseyville
J. J. HORNUNG, Ottawa
L. E. MATHERS, Mason City

Agricultural Engineering

H. G. ABBOTT, Fulton
A. O. ECKERT, Belleville
B. C. FULLING, Palestine
R. S. MCCORMICK, Gibson City
N. G. MORGAN, Galva

Dairy Husbandry

W. D. DOTERRER, 549 Division
Street, Barrington
N. W. HEPBURN, 110 North Franklin
Street, Chicago
ALBERT C. KOHLMER, Waterloo
ARTHUR STATES, Elwood
HARRY M. WOOD, Delavan

Agronomy (Farm Crops)

L. B. EIDMAN, Mascoutah
EUGENE FUNK, Bloomington
CHAS. B. SHUMAN, Sullivan
O. J. SOMMER, Pekin
WILLIAM WEBB, Plainfield

Floriculture

J. F. AMMANN, Edwardsville
RUDOLPH SCHEFFLER, Wheaton
JAMES SYKORA, Chicago
F. L. WASHBURN, Bloomington
P. A. WASHBURN, Bloomington

Agronomy (Soils)

FRANK S. HAYNES, Geneseo
FRANK I. MANN, Gilman
W. E. RIEGEL, Tolono
G. F. TULLOCK, Rockford

Horticulture

GUY BEAUMAN, Tunnel Hill
H. M. DUNLAP, Champaign
AUGUST GEWEKE, Des Plaines
W. S. PERRINE, Centralia
F. H. SIMPSON, Flora

Animal Husbandry

LYMAN BUNTING, Ellery

General Advisory Committee

ERNEST D. LAWRENCE, Agricultural Economics
A. O. ECKERT, Agricultural Engineering
W. E. RIEGEL, Agronomy Farm Crops and Soils
J. R. FULKERSON, Animal Husbandry
N. W. HEPBURN, Dairy Husbandry
W. S. PERRINE, Horticulture

On motion of Mr. Barrett, these committees were appointed as recommended.

BOARD OF DIRECTORS OF ATHLETIC ASSOCIATION

(2) A recommendation that Assistant Professor W. S. Wilson, Acting Director of Intercollegiate Athletics, be appointed a member of the Board of Directors of the Athletic Association, vice the late Director George Huff.

The by-laws of the Association provide for a Board of five directors appointed by the Board of Trustees of the University on recommendation of the President of the University. The by-laws specify that three of the directors shall be chosen from the faculty of the University, one of whom shall be the Director of the School of Physical Education, and the other two from the alumni.

At its last meeting¹ the Board of Trustees voted to request the Board of Directors of the Athletic Association to amend the Association's by-laws to provide for membership on its Board of both the Director of the School of Physical Education and the Director of Intercollegiate Athletics. This cannot be done without an amendment of the Association's charter which provides for a board of five directors, nor is it desirable to displace any of the present members of the Board.

At the time the by-laws of the Association were revised a few years ago the Director of Intercollegiate Athletics was also the Director of the School of Physical Education and consequently the latter title was used in the by-laws. The organization of the Athletic Association contemplates that the officer who is in charge of intercollegiate athletics shall be one of the members of the Board. The Directors will amend the by-laws to provide that one of the faculty members of the Board shall be the Director of Intercollegiate Athletics, instead of the Director of the School of Physical Education.

On motion of Mr. Barr, this appointment was made as recommended.

LEAVES OF ABSENCE

(3) A recommendation that the following leaves of absence be granted members of the staff for the periods indicated in each case:

1. Associate Dean H. H. Jordan, of the College of Engineering, from October 5 to October 19, 1936, with pay. Dean Jordan was seriously injured in an automobile accident. His colleagues on the faculty are carrying on his work without additional expense to the University.

2. Dean Maria Leonard, October 5, 1936, to January 1, 1937, sick leave with pay. Miss Leonard was seriously injured in an automobile accident. During Miss Leonard's absence Miss Irene D. Pierson will act as Dean of Women. There will be no additional expense to the University involved in this arrangement.

On motion of Mrs. Plumb, these leaves were granted as recommended.

RETIREMENT OF DR. ADELINE R. WHITE

(4) The Dean of the College of Medicine recommends that Dr. Adeline R. White, Assistant in the Department of Anatomy, be retired from active service with the retiring allowance of \$213 a year, based on her salary and period of service.

Although Dr. White is past the retiring age, she was not eligible for automatic retirement under the University Statutes at the beginning of the present academic year, September 1, 1936, because she had not completed the minimum of fifteen years of service until October 1, 1936.

I recommend that Dr. White be retired, effective November 1, 1936, with a retiring allowance of \$213 a year.

On motion of Mrs. Freeman, this recommendation was concurred in.

DEATH OF DR. HENRY PARKER NEWMAN

(5) A report of the death on September 21, 1936, of Dr. Henry Parker Newman, Professor of Gynecology, *Emeritus*. Doctor Newman was on the clinical faculty of the College of Medicine from 1900 to 1917, when he retired from active service.

This report was received for record.

PAYMENT RECEIVED FROM FIRST NATIONAL BANK OF CHAMPAIGN

(6) The Comptroller reports the receipt of an additional five per cent dividend, amounting to \$2,272.62, from the trustees of the First National Bank of Champaign. Of this amount, \$1,851.42 has been credited to the account of H. S. Capron, former Treasurer, and \$421.20 to various other accounts represented in the deposit carried in that bank.

This report was received for record.

¹See Minutes of September 30, 1936, page 27.

APPROPRIATION FOR LOCKS FOR GYMNASIUM LOCKERS

(7) A recommendation that an appropriation of \$575 be made from the General Reserve Fund for the purchase of 1,000 additional locks for lockers in the Men's and Women's Gymnasiums.

On motion of Mr. Barrett, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

SUPPLEMENTARY APPROPRIATION FOR EXTRAMURAL INSTRUCTION

(8) A recommendation that a supplementary appropriation of \$4,000 be made from the General Reserve Fund to the Division of University Extension for the academic year 1936-1937 for extramural courses to meet the demand for such instruction in addition to the courses heretofore authorized. It is recommended that the allocation of this appropriation for the various classes of expenditures shall be subject to approval by the President of the University. The budget for the current year includes a provision of \$2,000 for extramural instruction authorized at the meeting of the Board on May 27, 1936. Two graduate courses have been established, one in Engineering which meets in Chicago, and one in Education which is offered in Carbondale. The enrollment in the course in Engineering is so heavy that it has been necessary to divide the class into two sections. There are demands for additional graduate courses in Education. The additional appropriation is requested to provide adequately for the existing courses and to establish two additional courses in Education to be offered during the second semester of the current year.

The amount of fees assessed for the current semester for the two courses now being offered is far in excess of the budgetary provision for this work. If the new courses are established it is estimated that the minimum income from fees for extramural instruction during 1936-1937 will be in excess of \$6,000, which is the total of the present and the proposed supplementary appropriations for this work. In other words, the establishment of the new courses will increase the general income of the University by at least the amount of the additional appropriation proposed.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

APPROPRIATION FOR EQUIPMENT FOR INDUSTRIAL EDUCATION

(9) A recommendation that an appropriation of \$3,000 be made from the General Reserve Fund for the partial replacement of equipment used in the courses in Industrial Education. Additional assignments of funds for this purpose will be recommended later.

On motion of Mr. Barrett, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

APPROPRIATION FOR REMODELING ROOMS FOR BUREAU OF EDUCATIONAL RESEARCH AND APPOINTMENTS COMMITTEE

(10) A recommendation that an appropriation of \$2,000 be made from the General Reserve Fund for the remodeling of rooms 206, 207, and 208 Administration Building East to provide more adequate space for the Bureau of Educational Research and the Appointments Committee.

On motion of Mrs. Freeman, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

ASSIGNMENT OF ROYALTIES RECEIVED FROM PACIFIC FLUSH TANK COMPANY FOR FELLOWSHIP IN CHEMISTRY

(11) Professor A. M. Buswell, of the Department of Chemistry, requests that the Board of Trustees consider assigning the royalties received on a sewage treatment process which he discovered and which has been patented, to a graduate fellowship in colloid chemistry, a field in which a very limited amount of research work is being done at the University.

The Pacific Flush Tank Company, of Chicago, has been given an exclusive license to develop this patent commercially. Its contract with the University provides for a minimum payment of \$350 a year in royalties, payable quarterly beginning July 1, 1935, for a period of five years. During the first year the minimum of \$350 was received. A recent report from the Company indicates that the sum of \$251.75 has accrued for the past quarter, but that no further royalties, above the specified minimum, will accrue during the year. At least \$350 will be collected this year, making a total of \$700. The receipts under this contract are being carried to the General Income of the University, and any assignment such as Professor Buswell suggests would require an appropriation from the General Reserve. The Board has followed a somewhat similar procedure with royalties in at least one other case.

No action was taken on this request, it being the sense of the Board that it cannot specifically assign the income derived from these royalties for any particular purpose since such income, like other general University receipts, is payable into the State Treasury and is subject to reappropriation by the General Assembly of Illinois.

LAPSE OF APPROPRIATION FOR PARKING AREAS

(12) On July 10, 1936 (Minutes, page 2), an appropriation (\$3,815) was made for the development of three parking areas, on Sixth Street, at the McKinley Hospital, and near the Architecture Building.

Since that meeting, plans have been made for other development of the area in the immediate vicinity of the Architecture Building. In view of this it is recommended that the Physical Plant Department be authorized to abandon the development of a parking area in that location and that any balance in the general appropriation made for this purpose, not needed for the development of parking areas on Sixth Street and at the McKinley Hospital, be permitted to lapse into the General Reserve Fund.

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

APPROPRIATION FOR TELEPHONE SERVICE FOR CHICAGO DEPARTMENTS

(13) The Department of Public Welfare provides a centralized telephone service for the Research and Educational Hospital and the College of Medicine. The Department is unable to continue this service to the University during the remainder of the present biennium unless the University assumes a part of the cost. The Director of the Physical Plant Department therefore recommends that an appropriation of \$765 be made from the General Reserve Fund to provide for the salary of one Information Clerk at \$85 a month until July 1, 1937, at which time the total cost of the service will be assumed by the Department of Public Welfare.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Kar-raker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

APPROPRIATION FOR BUSINESS OFFICE

(14) A recommendation that an appropriation of \$1,020 be made from the General Reserve Fund to the Business Office, to provide for the salary of an additional Clerk in the Accounting Division. The Comptroller has submitted a list of the specific activities which have materially increased the volume of work in this division.

On motion of Mr. Barrett, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

ADJUSTMENTS IN BUDGET

(15) In approving the budget for 1936-1937 the Board authorized the President of the University to make such changes and adjustments as are needed. Under this authorization the following adjustments have been made during the first fiscal quarter ending September 30, 1936, and are being reported for record with the recommendation that an appropriation of \$3,549 be made from the General Reserve Fund to cover them:

Permanent additions to current budget:

Registrar's Office—Chicago, salaries (increase in rate paid Therese Stadler, Clerk and Stenographer).....	\$ 228 00
Botany, salaries (increase in rate paid H. J. Fuller, Associate).....	300 00 ¹
Chemistry, salaries (increase in rate paid A. M. Buswell, Professor)	140 00 ²
Civil Engineering, College, salaries (increase in rate paid Hardy Cross, Professor of Structural Engineering).....	1 000 00 ³
Home Economics, salaries (increase in rate paid Juliet L. Bane, Professor and Head of Department).....	446 00 ⁴
Home Economics, salaries (increase in rate paid Sybil Woodruff, Professor).....	175 00 ⁴
Education, Administration, salaries (new position to be filled by Mrs. Beatrice S. Simmons).....	1 200 00
Dentistry, Administration, salaries (minor rate adjustment).....	60 00
<i>Total additions</i>	<u>\$3 549 00</u>

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

AGREEMENT WITH CHAMPAIGN COUNTY MILK PRODUCERS FOR INVESTIGATION OF SAMPLING AND TESTING OF MILK

(16) A recommendation from the Dean of the College of Agriculture for the approval of a cooperative agreement with the Champaign County Milk Producers for a special investigation to study the results obtained by daily sampling and testing of milk as compared with weekly composite samples, to be conducted by the Agricultural Experiment Station.

The agreement is not drawn for any definite period but will become effective when executed and may be terminated at any time at the option of the University. The Champaign County Milk Producers agree to provide the samples to be tested and \$250 to pay the expenses of the tests.

This agreement conforms to the conditions and regulations of the Board of Trustees relating to such investigations and has been approved by the University Counsel with the suggestion that there be added to the contract a provision for the purchase of liability insurance, if obtainable, to protect employees engaged in the work in case of accidents.

On motion of Mr. Pogue, the execution of this agreement was authorized.

AGREEMENT WITH MUSER FOUNDATION FOR INVESTIGATION OF THE USE OF OAT-FLOUR PRODUCTS AS PRESERVATIVES FOR BACON AND LARD

(17) A recommendation from the Dean of the College of Agriculture for the approval of an agreement with the Muser Foundation for a cooperative in-

¹Reported to Board of Trustees June 29, 1936, page 917, but no appropriation made.

²Reported to Board of Trustees June 29, 1936, page 786, but no appropriation made.

³Reported to Board of Trustees June 29, 1936, page 788, but no appropriation made.

⁴Reported to Board of Trustees May 27, 1936, page 754, but no appropriation made.

vestigation of the use of oat-flour products as preservatives for bacon and lard, to be conducted by the Agricultural Experiment Station. This agreement is drawn for a period of six months beginning November 1, 1936, and the Foundation agrees to supply the oat-flour, certain materials and equipment, and \$350 to cover the expenses of the investigation. The University through the Department of Animal Husbandry will furnish the meat, lard, and labor and will permit the use of such University equipment as is available and needed for this investigation.

The agreement conforms to the conditions and regulations of the Board of Trustees relating to such investigations.

On motion of Mrs. Freeman, the execution of this agreement was authorized.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(18) A report of the extension of the following agreements for cooperative investigations:

1. American Society for Testing Materials, investigation of the effect of speed in testing concrete, for one year beginning October 1, 1936, under the conditions governing the original agreement. The Society will contribute an additional \$600 for the continuation of this investigation.

2. Aluminum Company of America, investigations on cryolite and calcium arsenate as an insecticide. The original agreement was approved by the Board on April 18, 1936 (Minutes, page 633). The Company has contributed an additional \$500 for the continuation of this investigation.

3. State of California, cooperative investigation of reversed stresses on riveted connections, for one year from October 1, 1936, under the same conditions as the previous agreement. The state has agreed to pay \$1,500 for the expense of this investigation, instead of the \$1,600 contributed last year.

On motion of Mr. Barr, the extension of these agreements was approved.

AGREEMENT FOR REGIONAL SOYBEAN INDUSTRIAL PRODUCTS LABORATORY

(19) On February 22, 1936 (Minutes, page 532), the Board authorized the execution of an agreement with the Bureaus of Chemistry and Soils and of Plant Industry of the United States Department of Agriculture for the establishment and operation at the University of a Regional Soybean Industrial Products Laboratory.

This agreement has been renewed for the fiscal year ending June 30, 1937. The new agreement contains the same general provisions except that the maximum amount which may be received by the University for reimbursement has been increased from \$6,000 to \$11,000.

On motion of Mr. Barrett, this report was received for record, and the extension of the agreement was approved.

AGREEMENTS WITH UNITED STATES DEPARTMENT OF AGRICULTURE FOR RESEARCH PROJECTS

(20) The Director of the Agricultural Experiment Station from time to time executes "Memoranda of Agreement" with the United States Department of Agriculture relative to research projects in which the Department cooperates with the Station. These have not heretofore been presented to the Board for report or approval. Although State funds are often used in connection with these projects, they are a part of the regular Experiment Station program and the assignments of such funds would be made notwithstanding cooperation from the Federal Government.

This arrangement was authorized by the President of the University in 1923 and is being brought to the attention of the Board for review and further instructions.

On motion of Mrs. Plumb, this report was received for record.

PROCEDURE FOR RECEIVING BIDS ON PURCHASES AND CONSTRUCTION WORK

(21) The University Statutes provide that sealed bids for purchases or construction work shall be publicly opened and that a member or officer of the Board shall be present at each opening of bids.

The following procedure has been authorized to carry out this provision of the Statutes:

PROCEDURE FOR OPENING BIDS

[The following outline constitutes the procedure to be followed in opening of sealed bids for construction work and purchases called for under article 50, section C, paragraph (3), and article 51, section II, sub-paragraphs (a) and (b) of the Statutes of the University adopted by the Board on March 10, 1936.]

When sealed bids are called for, the office making the announcement will issue with its specifications a return envelope of a special color addressed to the officer responsible for receiving bids, or a special sticker bearing the address of the officer who is to receive the bids and which can be attached to the package containing the proposal. These communications, as received, will be put aside by that officer without being opened. The Secretary of the Board of Trustees will be notified as soon as bids are called for in order that he may arrange for proper representation of the Board of Trustees in accordance with University Statutes. The Bursar's office will also be notified of the schedule so that it may arrange to have a representative present.

In the case of bids which may be opened in the presence of the Secretary of the Board or the Comptroller, those officers shall be authorized to delegate this responsibility to other responsible members of their organizations in case neither of them can be present personally.

At the time of opening the bids the office concerned will have working sheets on which the bids may be tabulated. These sheets should be kept in triplicate. The member or officer of the Board present will read the bids which will be tabulated on the working sheets. At the close of the openings the sheets will be signed by the member or officer of the Board present and by the officer concerned in the opening. A copy will be handed to the Board representative, a copy sent to the Comptroller, and a copy retained by the officer in charge of the opening. The Comptroller's copy will be kept on file for the examination by independent auditors if requested.

A representative of the Bursar's office will be present at each opening in which certified checks are required. This party will list all checks which are submitted and will take the checks into his custody and hold them in safekeeping until the award is made. On notice from the officer concerned in the contract, these checks will be returned by the Bursar to the parties filing them.

This report was received for record.

POLICY RELATING TO PURCHASE OF COAL

(22) A letter from an officer of the Danville, Illinois, local union of the United Mine Workers of America concerning the purchases of coal by the University. Copies of this letter and of the reply which has been made thereto are hereby handed to the Secretary of the Board for record.

This report was received for record.

PURCHASE OF COAL FOR THE URBANA DEPARTMENTS

(23) The following report of bids received on October 2, 1936, on the University's requirements of coal for the Urbana Departments for the fiscal year ending June 30, 1937:

RAIL MINES

<i>Name</i>	<i>Tons</i>	<i>Shipping point</i>	<i>Price f.o.b. mine</i>	<i>Freight</i>	<i>Delivered price per ton</i>
Binkley Coal Co. 230 N. Michigan Chicago, Illinois	10 000	Danville (Vermilion County)	\$1 00	\$0 63	\$1 63

Shippers Fuel Corp. 111 W. Washington Chicago, Illinois	5 000 ¹	Danville (Vermilion County)	1 00	0 63	1 63
Tilton Mining Co. Station C Danville, Illinois	10 000	Tilton	1 00	0 63	1 63
	5 000	Tilton (Vermilion County)	1 10	0 63	1 73
Peabody Coal Co. 231 S. LaSalle Chicago, Illinois	25 000	Westville	1 00	0 63	1 63
	20 000	Westville	1 05	0 63	1 68
	15 000	Westville	1 10	0 63	1 73
	10 000	Westville	1 15	0 63	1 78
	5 000	Westville (Vermilion County)	1 20	0 63	1 83
Livingston-Mt. Olive Coal Company Livingston, Illinois	18 000	Livingston (Madison County)	0 75	1 30	2 05
I. & I. Coal Corp. 309 W. Jackson Chicago, Illinois	15 000	Nokomis (Montgomery County)	0 83	1 30	2 13
Penwell Coal Mining Company Pana, Illinois	10 000	Pana (Christian County)	0 95	1 18	2 13
Marion County Coal Company Centralia, Illinois	15 000	Centralia (Marion County)	1 00	1 55	2 55

TRUCKED COAL

<i>Name</i>	<i>Tons</i>	<i>Delivered price per ton</i>
Albert Block Sidney, Illinois	2 500	\$1 50
Ralph Cook Sidney, Illinois	2 000	1 50
Sam Gritten R. R. 1, Catlin, Illinois	3 000	1 50
Lawrence C. Kerans Georgetown, Illinois	1 000	1 50
Andrew Lincicome 106 S. Poplar, Urbana, Illinois	500	1 50
Washington Martin 1412 Beslin, Urbana, Illinois	2 000	1 50
Oakwood Coal Company Oakwood, Illinois	12 000	1 50
T. C. Ward Sidney, Illinois	3 000	1 50
Crawford Coal Company Oakwood, Illinois	3 500	1 60
V. V. Wolf Sidney, Illinois	5 000	1 60
M. M. LeBaugh Muncie, Illinois	2 500	1 65
F. W. Isenhower Oakwood, Illinois	5 000	1 70
Greib and Company Sidney, Illinois	10 000	1 75
John E. Godsell, Jr. Philo, Illinois	1 000	1 80

All the above coal would be produced in the Danville District, Vermilion County.

These bids were in response to 368 inquiries which we sent out, and notices published in local and Danville papers. The bids were publicly opened by Mr. H. E. Cunningham.

Samples of coal for boiler tests were obtained from the low bidders on coal to be shipped by rail and from the Oakwood Coal Company which delivers by truck. Test was also made of coal being delivered by truck from miscellaneous wagon mines in the Danville district. The Binkley Coal Company, one of the low bidders, was unable to furnish a sample car as they are not producing at this time due to a fire which destroyed their tipple. The purpose of the tests was to determine the cost of coal per 1,000 pounds of steam generated. The results, as shown on the enclosed report prepared by the Physical Plant Department, were as follows:

¹Original bid was on 5,000 tons; changed to 10,000 tons in letter dated October 19, 1936.

	<i>Delivered price per ton</i>	<i>Coal cost in cents per 1,000 lbs. of steam</i>
Oakwood Coal Company.....	\$1 50	10.24
Shippers Fuel Corporation.....	1 63	10.31
Miscellaneous Truckers.....	1 50	10.61
Peabody Coal Company.....	1 63	11.03
Tilton Mining Company.....	1 63	11.38
Livingston-Mt. Olive Coal Company.....	2 05	12.95

In view of the test results the most economical purchase would be to obtain all the coal available from the Oakwood Coal Company and the Shippers Fuel Corporation, and the balance of our requirements from truck operators who bid \$1.50 per ton delivered.

The Purchasing Agent and the Director of the Physical Plant Department recommend that the following contracts be awarded:

	<i>Tons</i>	<i>Price per ton</i>
Oakwood Coal Company.....	10 000	\$1 50 Delivered
Shippers Fuel Corporation.....	10 000	1 00 F.O.B. Mine
Sam Gritten, Catlin, Ill.....	3 000	1 50 Delivered
T. C. Ward, Sidney, Ill.....	3 000	1 50 Delivered
Ralph Cook, Sidney, Ill.....	2 000	1 50 Delivered
Lawrence C. Kerans, Georgetown, Ill.....	1 000	1 50 Delivered
Andrew Lincicome, Urbana, Ill.....	500	1 50 Delivered
Washington Martin, Urbana, Ill.....	2 000	1 50 Delivered
Albert Block, Sidney, Ill.....	2 500	1 50 Delivered

The Oakwood Coal Company operates a mine near Oakwood, Illinois, and trucks the coal in its own equipment. The Shippers Fuel Corporation will furnish coal produced at a strip mine near Danville operated by the F. C. Morgan Coal Company. The others are truck operators who obtain coal from various wagon mines in the Danville district.

All contracts will be contingent on the ability of the vendor to furnish satisfactory bond.

I concur in these recommendations.

On motion of Mr. Barrett, contracts were awarded as recommended, subject to the provisions of the State Constitution.

PURCHASE OF COAL FOR CHICAGO DEPARTMENTS

(24) A recommendation from the Business Agent for the Chicago Departments and the Director of the Physical Plant Department for the award of a contract to the Consumers Company of Chicago for the purchase of approximately 1,000 tons of No. 3 Illinois Chestnut Coal at a price of \$4.33 a ton for the Colleges of Dentistry and Pharmacy for the period October 1, 1936, to August 31, 1937. Bids were secured from six companies, the Consumers Company being the lowest bidder on the basis of both price and quality of coal offered.

<i>Firm</i>	<i>Delivered Price</i>	
	<i>Pharmacy</i>	<i>Dentistry</i>
Consumers Company.....	\$4 33	\$4 33
Municipal Coal Company.....	4 70	4 70
Crerar-Clinch Coal Co.....	4 69	4 84
Western Fuel Company.....	4 64	4 79
Iroquois Coal Company.....	5 25	5 25
Eldridge Coal & Coke Co.....	5 60	5 60

On motion of Mrs. Plumb, this award was made as recommended, subject to the provisions of the State Constitution.

UNIVERSITY AUDITORIUM REPAIRS

(25) The Director of the Physical Plant Department submits the following estimates of the cost of improving the University Auditorium until such times as funds are available for major remodeling work:

1. Replace seats, 2,200 @ \$8.00.....	\$ 17 600
2. Interior painting.....	3 283
3. Replacement of acoustical material.....	3 000
4. Replacement of light fixtures, 60 @ \$20.00.....	1 200
	<u>\$ 25 083</u>

The redecorating work will require the purchase of lumber and the construction of scaffolding. In this connection the Director of the Physical Plant Department reports that sectional steel scaffolding can be purchased for not to exceed \$8,800. Such equipment can be used in other buildings and on the basis of rental prices quoted by one of the manufacturers it would pay for itself in eight rentals. There are at least that many buildings in which redecorating and remodeling should be done next summer, if funds are available, and for which such sectional steel scaffolding could be used.

If the work on the Auditorium is to be done, it must be dovetailed with the uses of the building and the only possible time during the University year is between December 8 and January 5. If the Board wishes to authorize these improvements it should be done at this meeting so that orders for the necessary materials can be placed immediately.

This matter was referred to the Committee on Buildings and Grounds for consideration and report.

BIDS ON PLUMBING AND HEATING FOR THE COLLEGE OF AGRICULTURE SCALE HOUSE

(26) A report of the following bids received on October 6, 1936, on the plumbing and heating for the College of Agriculture Scale House:

<i>Plumbing</i>	<i>Base bid</i>	<i>Check</i>	<i>Alternate¹</i>
Carson Payson Company.....	.....	.....	.....
Reliable Plumbing and Heating Company..	\$1 500 00	\$45 00	.....
Champaign Plumbing and Heating Company.....	1 470 00	44 10	.....
George A. Zirhut.....	.....	.....	.....
<i>Heating</i>			
Woodruff Coal Company.....	1 374 50	45 00	— \$204 50
Champaign Sheet Metal Works.....	1 182 00	37 00	— 194 00
Gilbert and Barker Manufacturing Company.....	1 055 00	.....²	— 90 00

It was necessary to act promptly on these bids in order not to delay the construction of this building and the Physical Plant Department was therefore authorized to award the contract to the Champaign Plumbing and Heating Company on their base bid of \$1,470, and the Gilbert and Barker Manufacturing Company on their base bid of \$1,055, these being the lowest bidders in each case.

On motion of Mrs. Plumb, this action was confirmed.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(27) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

¹Deduction for omission of supply and return ducts to cattle washroom.

²Certified check not enclosed with bid. Memorandum indicated same was being forwarded by air mail.

I. *General Contract**Change Order No. 17*

For furnishing and erecting steel frame supporting water heater tanks in Mechanical Equipment Room No. 3 and grillage beams under house tank Mechanical Equipment Room No. 10, as per attached drawing, 1.24 tons at \$112.00 per ton, add..... \$ 138 88

No increase in time required.

Change Order No. 18

For fourteenth floor changes in accordance with proposal dated August 12, 1936, add..... \$ 291 74

For omission of tile partitions between passenger elevator hatchways and the pipe spaces adjacent to hatchways, in accordance with proposal dated October 15, 1936, deduct..... \$ 329 47

For the omission of accoridian doors in room 433, in accordance with proposal dated October 16, 1936, deduct.....

	500 00
\$ 291 74	\$ 829 47
	291 74
	\$ 537 73

Total Credit

No increase in time required.

II. *Electrical Contract**Change Order No. 6*

Change the four ceiling outlets shown on contract drawings for clocks in corridors on the first, second, third, and fourth floors, to wall outlets for wall hung clocks, as per proposal dated September 29, 1936, add..... \$ 24 00

Room 1202—Omit electric outlets for the two sterilizers located at columns A-5 and A-6. These circuits Nos. 11 and 12 to become spares in the distribution cabinet, as per proposal dated Sept. 29, 1936, deduct..... \$ 9 00

Room 1206—Rough in electric connection to Dental unit from base receptacle circuit No. 7, as per proposal dated September 29, 1936, add..... 9 00

For thirteenth floor changes in electric wiring work as shown on revision drawing No. 59, as per proposal dated August 11, 1936, add..... 18 72

For changing the fire alarm system from 48 volt D.C., as specified, to 110 volt D.C., and for changing the fire alarm boxes from Benedict Metal specified to Cast Iron, as per proposal dated October 15, 1936, deduct..... 112 00

For changing the momentary control on Dental Signals System to toggle switches, as per proposal dated October 15, add.....

45 00	
96 72	121 00
	96 72
	\$ 24 28

Net Credit

No increase in time required.

III. *Heating Contract**Change Order No. 7*

Room 1206—Rough in $\frac{1}{2}$ " compressed air connection to Dental unit, as per Change No. 20, dated September 18, 1936, add..... \$ 18 09

For changes in heating contract as shown on revision drawings Nos. 54, 55, and 56, as per proposal dated July 20, 1936.

No change in contract price.

For changes in heating contract as shown on revision drawing No. 59, as per proposal dated July 20, 1936, add..... 14 71

No increase in time required. \$ 32 80

IV. *Ventilating Contract**Change Order No. 5*

For insulating all Surgical Amphitheatre supply ducts from discharge of supply fan No. 1 to supply grilles in Surgical Amphitheatre with 1" hot pitch on supply ducts which shall be coated with parlock, finished with $\frac{1}{2}$ " of asbestos cement and a canvas jacket. This to include everything except the vertical portion of the main supply duct between the first floor level and the fourth floor ceiling, for the sum of.....

\$1 265 00

No increase in time required.

V. *Plumbing Contract**Change Order No. 14*

For changes in plumbing work on the twelfth floor, as per proposal No. 37, dated September 5, 1936, deduct..... \$ 73 65

For changes in plumbing work on the twelfth floor, as per proposal No. 40, dated September 11, 1936, add..... \$ 88 05

For changes in plumbing work on the thirteenth floor, as per proposal No. 38, dated September 10, 1936, deduct..... 363 15

For changes in plumbing work on the fourteenth floor, as per proposal No. 39, dated September 5, 1936, add..... 45 50

\$ 436 80 \$ 133 55

133 55

Net Credit..... \$ 303 25

No increase in time required.

On motion of Mrs. Plumb, the resolution was adopted.

PURCHASE OF CORN

(28) A recommendation that the Department of Animal Husbandry be authorized to purchase 1,400 bushels of ear corn at eighty-six cents a bushel, delivered, from Mr. Rodney Smith of Urbana.

On motion of Mr. Barr, this purchase was authorized.

RECOMMENDATIONS FROM COMMITTEE ON PATENTS

At this point, Mr. Barrett, for the Committee on Patents, presented the following report.

The Faculty Committee on Patents has made certain recommendations which have been referred to the Board Committee on Patents, viz.:

1. A recommendation that the Board authorize applications for two new patents in the United States and in Great Britain on "a process for the recovery of sulfur dioxide from waste gases" to be designated as Johnstone and Singh, case 3 and 4. The modifications contemplated which necessitate additional patent protection are:

"Briefly, the modification consists in treating the effluent solution with zinc oxide by which the original alkalinity of the absorbent is restored and the sulfur dioxide is precipitated in the form of zinc sulfite. The solid material is then filtered from the solution, the filtrate being returned to the scrubber in a cyclic manner. The zinc sulfite is then decomposed by calcination at a relatively low temperature producing gaseous sulfur dioxide and the zinc oxide which continues in a secondary cycle. Complete details of the process have been described in a Progress Report dated June 1, 1936, to the Utilities Research Commission, copies of which were filed with the Director of the Engineering Experiment Station. Since this report was made, a pilot plant has been operated and the preliminary estimates, at least, partially substantiated."

2. A recommendation that the Board release to G. Frederick Smith, Associate Professor of Chemistry, the right to apply for a patent covering a design of apparatus for use in potentiometric titrations. The Committee is of the opinion that the discovery is of no public interest or concern, and that its commercial possibilities are entirely nominal, so that the University would not be justified in expending money for patent applications.

3. At the meeting of the Board on June 29, 1936 (Minutes, page 797), the Board of Trustees Committee on Patents recommended that a certain proposal be made to the Imperial Chemical Industries Limited, of England, which is interested in securing a license to use the Johnstone process for the recovery of sulfur dioxide from flue gases. The Board requested its Committee and the Faculty Committee on Patents to give this matter further consideration. There were certain points at issue, namely, the claim of the Utilities Research Commission under its contract with the University that it has control of the foreign patent situation, and also the Commission's objection to the provision in the recommendations of the Committee on Patents providing for the payment of royalty to the University on sulfur dioxide of ten cents per ton in one instance when the sulfur dioxide is not utilized as a raw material for the production of sulfur compounds of commercial value, and in the other instance of fifty cents per ton when the sulfur dioxide is used for the production of sulfur compounds of commercial value.

The Committee is of the opinion that it is not important to the University whether any royalty payments made to it, through the commercial development of the discoveries covered by the patent, are paid directly by the British company, or through the Utilities Research Commission. The Committee, therefore, recommends that the first paragraph in the recommendations of June 29, 1936, be amended by stipulating that any licensing by the British company by whomsoever done shall insure the protection of the public interest which the Committee believes it to be the duty of the Board of Trustees of the University of Illinois to consider and to which reference is hereafter more fully made.

The Committee further recommends that paragraph number 3 (a) be amended to read as follows:

"When the sulfur dioxide is not utilized in any way as a raw material for the production of sulfur compounds of commercial value no royalty shall be charged."

It is observed that the Committee suggests the elimination of the royalty of ten cents recommended last June.

The Committee further recommends that paragraph 4 of the recommendations of June 29 be stricken and that there be substituted for it the following:

"The University and the Utilities Research Commission jointly agree to exchange data with the Imperial Chemical Industries Limited, on laboratory and test results relating to the problem of removing objectionable dusts, vapors, and gases from industrial gases before ejection into the atmosphere."

In making the foregoing recommendations the Committee does not intend to abandon its position formerly taken respecting the asserted right of the Utilities Research Commission to control foreign patents under its contract.

The Committee believes that the case can be dealt with as herein suggested on the assumption, for the sake of this discussion alone and not otherwise, that the interpretation of the contract made by the Utilities Research Commission is in part correct.

Under the contract with the Commission, particularly paragraphs 3 and 4 thereof, it is agreed that if the discoveries are of such a nature that the general public may have a substantial interest in the development thereof, the patents transferred will not be used or exploited by the Commission in a manner detrimental or prejudicial to the public interest. In this case the Committee is clearly of the opinion that the sulfur industry in the United States and, through it to a material extent, the people at large are concerned in view of the possibility that the development of this discovery and exploitation of it in Europe or in Great Britain may occur in such a way as to impair the foreign market for our domestic sulfur of which substantial quantities are annually exported to Great Britain. For this reason, among others, the Committee is disinclined to withdraw its recommendation of June 29, in paragraph 3 (b) relating to the subject of royalty on recovered sulfur dioxide having commercial value. The Committee thinks the Utilities Research Commission under the contract is bound to respect this point of view, that the Board of Trustees should insist on it, and that each and both should be governed by it in all negotiations with the British company.

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

INVESTMENTS OF ENDOWMENT FUNDS

Dr. Meyer, for the Finance Committee, presented a recommendation that certain securities in which endowment funds are invested be sold, and that uninvested funds be used to purchase securities, as follows:

To be sold

- \$ 500 Laclede Gas Light Company, $5\frac{1}{2}\%$, 1953, price about $72\frac{1}{2}$.
- \$3000 New England Power Association, $5\frac{1}{2}\%$, 1954, price about 99.
- \$5000 German Government International, $5\frac{1}{2}\%$, 1965, price about $25\frac{1}{2}$.

To be purchased

- \$5000 Chicago Park District, $3\frac{1}{2}\%$, 1946, price about $103\frac{1}{4}$.
- \$5000 Western Pochantas R.R., $4\frac{1}{2}\%$, 1945, price about $100\frac{1}{2}$.
- \$5000 Philadelphia Electric Company, 4%, 1966, price about 106.
- \$5000 Virginia Railway, $3\frac{3}{4}\%$, 1966, price about $106\frac{1}{4}$.
- \$5000 Southwestern Bell Telephone Company, $3\frac{1}{2}\%$, 1964, price not over 108.
- \$5000 Niagara Falls Power Company, First $3\frac{1}{2}\%$, 1966, price about $107\frac{3}{8}$.
- \$2000 Central Illinois Light Company, $3\frac{1}{2}\%$, 1966, price not over $107\frac{1}{4}$.

On motion of Mr. Pogue, the sale of securities was authorized as recommended.

On motion of Dr. Meyer, the purchase of securities was authorized as recommended.

PURCHASE OF PROPERTY IN CHICAGO

(29) On June 29, 1936 (Minutes, page 781), the Board appropriated \$3,000 for an option for the purchase of the property at the southeast corner of Polk and Wood Streets, in Chicago, for future expansion of the Chicago colleges, and to prevent commercial development in this area.

The construction of a new boulevard on Damen Avenue, two blocks west of the University's buildings, raises the question whether the expansion of the plant in Chicago should not be toward the west, rather than the east. The Director of the Physical Plant Department recommends that the Board reconsider its action of June 29, authorizing the purchase of the property at the southeast corner of Polk and Wood Streets, and instead authorize the purchase of the property at the southwest corner of Polk and Lincoln Streets, now owned by the University of Chicago. Pending the final purchase of this property, it may be leased immediately from the University of Chicago for use in carrying out the recreational program for students in the Chicago colleges, for a rental of \$10 a year, with the understanding that the University of Illinois will pay the taxes, which amount to approximately \$700 a year.

If the Board concurs in this recommendation, the appropriation of \$3,000 should be lapsed into the General Reserve Fund, and a new appropriation of \$800 should be made to the Physical Plant Department to cover the cost of the lease and taxes for the current year. Thereafter, the Physical Plant Department will need to include in its annual budget an item for this purpose until the lease has expired or the property has been purchased by the University.

On motion of Mr. Barr, the action of the Board on June 29, 1936 (Minutes, page 781), appropriating \$3,000 for the purchase of the property at 1759 West Polk Street, in Chicago, was rescinded and the money ordered to be lapsed into the General Reserve Fund.

On motion of Mrs. Plumb, \$1,000, or so much thereof as may be necessary, was appropriated from the General Reserve Fund to the Physical Plant Department to provide for the lease and taxes on the property at Polk and Lincoln Streets, as recommended, the property to be used for athletic purposes. The vote was as follows: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Williams.

REPORT ON PROPOSED PURCHASE OF PROPERTY IN URBANA

(30) The Director of the Physical Plant Department reports on the purchase of certain property in Urbana adjoining property now owned by the University, in response to a request made at the meeting of the Board of Trustees on September 30, 1936 (Minutes, page 25), to the effect that the price asked is, in his opinion, too high.

This report was received for record.

REPORT ON LAW SUIT OF HAMMER VERSUS UNIVERSITY OF ILLINOIS

(31) In January, 1934, Adolph Hammer commenced a suit against the University of Illinois, Dr. William F. Peterson, and Mr. Tom Jones, to recover \$50,000 for the alleged conversion or appropriation of models, molds, mouldages, etc., which he asserted he left in the rooms occupied by him at the time he went to Europe in August, 1930.

By authority of the Board of Trustees, Mr. Hammer had been permitted to occupy space in the buildings of the College of Medicine for his studio or workshop.

The University Counsel, who defended the University in this suit, reports that trial of this case began on October 14, 1936, in the Circuit Court of Cook County before Judge John P. McGoorty, and ended on October 16, when, on motion of the University Counsel, the Judge instructed the jury to return a verdict in favor of all the defendants.

This report was received for record.

COURSE IN STATE FINANCES OF ILLINOIS

(32) At its meeting on September 30, 1936 (Minutes, page 27), the President of the Board of Trustees presented a suggestion from the Director of Finance of

Illinois that every student in the University be given a comprehensive course dealing with the State Finances of Illinois.

This proposal has been given careful consideration and a report has been sent to the Director which is presented herewith and a copy of which is being given to the Secretary of the Board for record.

This report was received for record.

At this point, Mr. Barrett withdrew.

REQUEST OF CZECHOSLOVAK NATIONAL COUNCIL FOR ESTABLISHMENT OF FELLOWSHIPS FOR STUDENTS FROM CZECHOSLOVAKIA

(33) The Czechoslovak National Council of America has requested that the University consider the establishment of a number of fellowships at the University of Illinois for students from Czechoslovakia, in exchange for fellowships available to American students for study in the Universities of Czechoslovakia.

The fellowships available in Czechoslovakia for American students have been established by the Government of Czechoslovakia and are equal in value to approximately \$500 a year. The Council's proposal is that fellowships of a similar value be established at the University of Illinois for students from Czechoslovakia.

This matter was referred to the President of the University.

REPORT OF DEATH BENEFITS PAID

(34) The Comptroller has been authorized to pay the death benefit to the beneficiaries of the following member of the staff in accordance with the University Statutes and the terms of his employment:

i. George Huff, Director of the School of Physical Education, \$3,000. Director Huff was in the service of the University from September 1, 1895, until his death on October 1, 1936.

On motion of Mr. Barr, this action was confirmed.

COMPTROLLER'S REPORT OF CONTRACTS

(35) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER SEPTEMBER 26, 1936, TO OCTOBER 21, 1936

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
Clarence Partee		Year 1936-1937	September 22, 1936
Esther Brown		Year 1936-1937	September 23, 1936
Elwood Kendrick		Year 1936-1937	September 23, 1936
Vera Thomas	Liberal Arts and Sciences	Year 1936-1937	September 23, 1936
Richard E. Hendrix	Liberal Arts and Sciences	Year 1936-1937	September 23, 1936
Albert C. Hill		Year 1936-1937	September 23, 1936
Jack Richard		Year 1936-1937	September 30, 1936

Cooperative investigation as authorized by Board of Trustees in meeting of September 30, 1936:

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
American Cyanamid and Chemical Corporation	Study of use of calcium cyanide for control of mealybug and thrip.	\$300 00	October 2, 1936

Minor contracts executed under the general regulations of the Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Remington-Rand, Inc.	Agreements covering lease of dextragraph equipment and purchase of dextragraph paper.	\$18 per month plus cost of paper purchased.	September 23, 1936

Lease renewal executed under general regulation of Board of Trustees:

<i>With whom</i>	<i>Property</i>	<i>Tenure</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Elvin A. Moore	Sherwood property	One year from November 1, 1936	\$20 per month	October 1, 1936

This report was received for record.

GIFTS TO THE UNIVERSITY

(36) The following report of gifts received by the University:

1. Dr. Maurice B. Visscher, former member of the staff of the College of Medicine, a bronze replica of Houdon's Washington for the College of Medicine Library.
2. The Western Electric Company, a Punch Press and a Pratt and Whitney Profiler, valued at \$500, to the Department of Mechanical Engineering for use in the Machine Shop.

This report was received for record.

DEGREES CONFERRED IN OCTOBER, 1936

(37) A request for authority to confer the following degrees in October, 1936, as recommended by the University Senate.

On motion of Mr. Barr, this authority was granted.

GRADUATE SCHOOL

Degree of Master of Arts

In Chemistry

SISTER MARY ANTOINE REITER, A.B., Rosary College, 1928

In Classics

EULALIA PATRICIA AYDT, B.Ed., Western Illinois State Teachers College, 1930

DOROTHY DEARTH CHEEVER, A.B., 1928

RUTH AUDREY HALL, A.B., Illinois Wesleyan University, 1932

HOWARD REUTER, B.Ed., Illinois State Normal University, 1935

SISTER MARY PULCHERIA LAUGHLIN, Ph.B., St. Xavier College, 1927

In Economics

PAUL ROBERT BUSEY, A.B., Illinois College, 1930

MARIAN CATHERINE RICHARDS, B.Ed., Southern Illinois State Normal University, 1935

FRANK HENRY SANDHOLM, B.S., 1922

In Education

HELEN MARGARET BURBRIDGE, A.B., Illinois Woman's College, 1929

JOSEPH THOMAS COGDAL, A.B., James Millikin University, 1921

CHESTER EVANS DAVIDSON, B.Ed., Illinois State Normal University, 1926

JOHN PHILLIP FLOYD, B.Ed., Eastern Illinois State Teachers College, 1929

FRANK BERNARD GODEKE, B.S., 1925

MAX REED GOODSON, A.B., 1933

LEO HANDIBODE GRAHAM, A.B., 1931

LESTER JAMES GRANT, B.Ed., Illinois State Normal University, 1934

HOWARD EUGENE GREER, B.Ed., Southern Illinois State Normal University, 1932

MARY ELIZABETH HAMILTON, A.B., Monmouth College, 1922

EARL AUSTIN HANKINS, A.B., James Millikin University, 1930

ROLAND LANSING KEST, A.B., North Central College, 1927

FRANCES ROCKWELL MOAK, A.B., Lombard College, 1923

ALMIRA JEANETTE ROBERTSON, B.S., 1924

JAMES RAYMOND SPILLER, B.Ed., Southern Illinois State Normal University, 1929

ORPHA STUTSMAN, A.B., Mt. Morris College, 1923

CHARLES J. WALKER, A.B., McKendree College, 1927

EARL WASHINGTON WAX, A.B., 1929

PAUL EZRA WOODS, B.Ed., Western Illinois State Teachers College, 1926

In English

- MARY MARGARET ARMENTROUT, B.Ed., Southern Illinois State Normal University, 1930
 IDA LEE AUSTIN, A.B., Millsaps College, 1927
 CLARA ELISABETH CARSON, B.Ed., Southern Illinois State Normal University, 1932
 MARGUERITE JULIA HUEBNER, A.B., Shurtleff College, 1935
 JOHN LARS JOHNSON, A.B., Washington University, 1935
 RUTH GUSTAVA JOHNSON, A.B., Knox College, 1924
 OWEN JORDAN REAMER, A.B., 1935
 ESTHER LOREE SEIBERT, B.S., 1931
 MARIETTA KATHRYN WEED, B.S., 1930

In Geology and Geography

- LELAND DWAIN CLOVER, B.Ed., Illinois State Normal University, 1935 (*Geography*)

In German

- ELMER LINDSEY MORTHOLE, A.B., Illinois College, 1932

In History

- FRANCES MAE ALEXANDER, A.B., 1927
 JANET ELIZABETH EISNER, A.B., 1934
 JOHN VERNON KIRBY, A.B., Eureka College, 1923
 BYRON FRANKLIN LAIRD, A.B., DePauw University, 1930
 ALEXANDER C. RIDINGER, B.S., Illinois Wesleyan University, 1928
 FLORENCE BELLE SIMMS, B.Ed., Eastern Illinois State Teachers College, 1927
 TRISSIE ANNE SUTHERLAND, B.S., 1925
 LARUE GAYLE THOMPSON, A.B., 1935

In Library Science

- KATHLEEN MARGARET RUCKMAN, A.B., B.S. (Lib.), 1921, 1928
 RAYMOND HOWARD SHOVE, A.B., Morningside College, 1928; B.S. (Lib.), 1930

In Mathematics

- DOROTHY ELEANOR GIBSON, A.B., Rosary College, 1935
 JAMES HARLEY HAYES, A.B., Illinois College, 1931
 SISTER MARY JOSINE BRABEC, B.V.M., A.B., Clark College, 1932

In Physics

- DONALD HORTON WEBB, A.B., Carthage College, 1927

In Political Science

- SCOVEL RICHARDSON, A.B., 1934

In Psychology

- JOHN PHILIP SAWYER, A.B., 1935

In Romance Languages

- JESSE COMSTOCK FENNER BRIDGHAM, A.B., Brown University, 1933
 ELEANOR FRANCES COOK, A.B., 1933
 MARY ARMINTHA SPFLBRING, A.B., Illinois Woman's College, 1930

In Sociology

- GORDON ROPER BEERS, A.B., McKendree College, 1935

Degree of Master of Science*In Accountancy*

- PRESTON WHITCOMB KIMBALL, B.S., 1935
 EDWIN WEIKAL MURRAY, A.B., University of Kansas, 1929
 EMERY GAYTHOR RUTHERFORD, B.S., 1935

In Agricultural Economics

HOWARD ROBERT BAKER, B.S., 1924
ROBERT JOHN EGGERT, B.S., 1935
VIRGIL BYRON FIELDER, B.S., 1925
JOSEPH KARL LEE, B.S., Utah State Agricultural College, 1935
ARTHUR LINDSEY OWEN, B.S., 1935

In Architectural Engineering

FRANCIS MARTIN BARON, B.S., 1935

In Bacteriology

ROBERT ADRIAN BULLINGTON, B.S., Eureka College, 1931
STANLEY WRIGHT MCNEELY, B.S., 1935

In Chemistry

JUSTIN JOHN ALIKONIS, B.S., Illinois Wesleyan University, 1935
JAMES WHEELER CLEMENT, A.B., 1935
WILLIAM HENRY EVANS, JR., A.B., Earlham College, 1935
JAMES WILLIAM STARRETT, B.S., 1935
VIRGIL RICHARD SULLIVAN, B.S., 1921

In Civil Engineering

MILTON EARL ELIOT, B.S., University of Texas, 1935
EDWARD ERNEST VARNUM, B.S., 1935

In Economics

MARION WATSON ALFORD, B.S., Northwestern University, 1921
ABRAHAM LINCOLN HORNOR, B.S., 1928
CHARLES PHILLIP SLATER, B.S., 1928
MORRIS ADOLPH SOLDINGER, B.S., 1933

In Education

CHARLES MOORE ALLEN, B.S. (Agriculture), B.S. (Agricultural Education), 1923
EDWARD BRIGGS ALLEN, B.S., 1929
ARTHUR IVANO BOLTON, B.Ed., Western Illinois State Teachers College, 1930
GAIL AVOLINE BOYNTON, B.Ed., Southern Illinois State Normal University, 1931
HENRY BLISS CORRIE, B.S., 1925
ERNEST DICKEY, B.Ed., Illinois State Normal University, 1927
HARRY LOUIS DICKINSON, B.S., 1934
HENRY CHRISTIAN DUTLER, B.S., 1928
ALVIN FELTS, B.S., 1927
DOUGLAS FINLAYSON, B.S. (Mechanical Engineering), B.S. (Education), 1929,
1933
VERA ROSE HICKEY, B.Ed., Illinois State Normal University, 1930
HENRY CLAY HOLT, B.S., 1930
MARY LOUISA HUNTINGTON, B.S., 1924
WILLIAM ADOLPH KIBLER, B.S., Illinois Wesleyan University, 1920
EVALENE VIRGINIA KRAMER, B.S., Kansas State Agricultural College, 1919;
B.S. (Lib.), 1928
HARRY H. LANDIS, B.S., Bradley Polytechnic Institute, 1929
JOHN JOSEPH LOVE, B.S., 1922
CHARLES PATRICK MARTIN, B.S., 1933
JAMES ARTHUR MCCALL, B.S., 1932
PAUL GILKISON NORSWORTHY, B.Ed., Illinois State Normal University, 1931
MARION JOSEPH ROMINE, B.Ed., Illinois State Normal University, 1930
MAE SCHLICHTMAN, B.Ed., Southern Illinois State Normal University, 1931
WARREN PRESTON SHEPHERD, B.S., 1932
LEROY LESTER SHINPAUGH, B.S., Eureka College, 1927
WRIGHT ALEXANDER SIM, B.S., 1935
CHARLES ALLEN SPANGLER, B.Ed., Western Illinois State Teachers College, 1932
LEWIS STEPHENS, B.S., 1923
HOWARD WILLIS STINSON, B.S., 1920

KENNETH CURTIS TATE, B.S., 1929
 GERALD YATES TRIMBLE, B.S., 1931
 RALPH RAY TURNER, B.Ed., Southern Illinois State Normal University, 1927
 CLYDE LAURENCE WALTERS, B.S., 1927
 EMMA GERTRUDE WELLS, B.Ed., Illinois State Normal University, 1927

In Geology and Geography

ELMER SIMMONS JACK, B.S., 1922 (*Geography*)
 EUGENE HOWARD SCHROTH, B.S., 1927 (*Geography*)

In Home Economics

MILDRED RUTH CHAPIN, A.B., 1934
 BERNADINE HELEN MEYER, B.S., 1933

In Physics

WILLIAM STIFLER BURTON, B.S., Shurtleff College, 1928
 JOHN WHITNEY MASON, B.S., University of Oklahoma, 1934
 JOHN EDWARD RUSSELL, B.S., Bradley Polytechnic Institute, 1931

In Zoology

STEPHEN EARNEST KOELZ, B.S., 1935
 FRANKLIN ALFRED RICH, B.Ed., Southern Illinois State Normal University, 1927
 JOHN MILLARD RUSH, A.B., Indiana University, 1928

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

AZEL LYNDON BELL	FLORENCE ANNA MILLER HUFF
DOROTHY GLORIA BIM MERLE	JAMES ROBINSON LARGE
CLARA LOUISE BUHLIG, with Honors	ELBERT HILLES LOYD, II
in History	LADDIE THOMAS PASTERIK
MILDRED KATHRYN BUIS	CHARLES ROBERTSON PATTEN
IRVING AARON CHAVIN	ROBERT BEAUMAN PORTER
WALTER FRED CLAUSSEN	GEORGE WILLIAM REMSEN
BETHEL RUTH FRANCE	THEODORE FRANCIS RIDDELL
MARTHA HALLIBURTON	WILLIAM EMERSON SPENCE
JAMES RICHARD HAMMETT	WILLIAM JOHN SWEENEY

In Home Economics

CAROLYN LUCILLE STRUBINGER

Degree of Bachelor of Science

In Liberal Arts and Sciences

ALLAN JENNINGS BARNEY	JEANNE FRANCES MILLER
HAMILTON RODELL FISHBACK, JR.	HUGO RICHARD SCHMIDT

In Chemical Engineering

STANLEY WALTER GAWIN	RICHARD LORING SLOTTER
OVID GEORGE RUHMANN	JOHN THOMAS STRINGER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In General Business

JOSEPH BLUMBERG	HOWARD ROBERT MOORE
STUART BLAINE CULTRA	ALBERT CULLY TAYLOR

In Insurance

JULIAN LESZCZYNSKI

COLLEGE OF ENGINEERING

Degree of Bachelor of Science*In Agricultural Engineering*

CHARLES WENDELL RAMSEY

*In Electrical Engineering*FRANK MARIO MIRAMONTI
ROBERT EUGENE SPRINKLE

WAYNE LENARD VICKLUND

In Engineering Physics

JAMES HENRY EDDLESTON

*In Mechanical Engineering*ROGER HARRIS BENEDICT
THOMAS JEFFERSON HERRICK

ROBERT PHILIP SHIMMIN, JR.

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science*In Agriculture*

KENNETH ROBERT BENNETT, with High Honors	DAVID REES SANKS, JR.
LELAND WAYNE CRAMER	CREED SHAW
WILLARD PARKER EVANS	CARY FRANCIS STRANG
	JACK ZIMEL

In Home Economics

GLADYS VIRGINIA HECK

COLLEGE OF EDUCATION

Degree of Bachelor of Science*In Education*

MARJORIE STUBBS ATCHLEY	WILLIAM DAVID HALL
MARY ELIZABETH BARNES	FREDERICK EARL HELFERS
LAVINIA MARY BARTON	ELLA HLAVACEK
MARTIN BERNARD BORAD	JOSEPH THOMAS JANA
MILFORD BLAND BOTTOMLEY	WILLIS LEON KIAS
ANGELINE ELIZABETH BOZZICH	MARY JANE KIDD
FRANCES ELIDA CRISLER	HENRIETTA J. LEMBKE
WALTER H. DENISON	HAROLD OREN PETTY
CATHARINE ELIZABETH DOLAN	HERSCHEL JUDSON REA
DOROTHY ELIZABETH DUNLAP	WILLIAM ALLEN RUDOLPH
CHARLOTTE LOUALICE FARIS	MARY LOUISE SAYLER
WILLIAM HERBERT FARRIMOND	CLARA CHARLOTTE SCHLARMAN
NORMA FLOYD, with Honors in History	ADA BEATRICE SMITH
EVANGELINE CHRISTINE FORCE	JOHN WILLIAM STRADER
KATHLEEN STUART FUNKHOUSER	BERNICE ANNA TUCKER
MARION EUGENE GAHAN	ALEXANDER WALLACE WILSON
ETHEL GRACE GOTTRICK	

In Industrial Education

JOHN FRANKLIN CLAWSON

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science*In Architecture*

CLETIS ROY FOLEY

JOHN WILBUR STEINMANN

In Music Education

HALCOLENE STROETER

Degree of Bachelor of Fine Arts
In Painting

SARAH RUSSELL TAYLOR MARSHALL

COLLEGE OF LAW
Degree of Bachelor of Laws

JAMES ALLEN POWERS, B.S., 1935

SCHOOL OF JOURNALISM
Degree of Bachelor of Science
In Journalism

PATTI BURNHAM

LIBRARY SCHOOL
Degree of Bachelor of Science
In Library Science

REVA NEARHOOD, A.B., University of South Dakota, 1932

COLLEGE OF MEDICINE
Degree of Bachelor of Science
In Medicine

ERNEST THEODORE FAIGLE
GEORGE AUGUSTINE GODER
JEROME KAISER
BERNARD M. LIPSCHULTZ
BERNARD B. NEUCHILLER

LAWRENCE WILLIAM PETERSON
HARRY N. PETRAKOS
JOHN WESLEY SHEAGREN
MILTON JEROME SNEIDER

COLLEGE OF DENTISTRY
Degree of Bachelor of Science
In Dentistry

HARVEY A. TANNER

Degree of Doctor of Dental Surgery

BEODA JOHN FREY, B.S., 1934

JAMES CRAIG GRETHER, B.S., 1934

GRADUATE SCHOOL (CHICAGO)
Degree of Master of Science

In Anatomy

REINO HENDRICK PUUMALA, B.S., M.D., 1931, 1934

In Bacteriology

KATHERYN ELIZABETH BUCK, B.S., Purdue University, 1934
CHARLES DAVID SPANGLER, B.S., Armour Institute, 1934

In Pathology

ARTHUR BERNARD LEVAN, B.S., 1934

In Physiology

NATHANIEL GLICKMAN, B.S., University of Chicago, 1934

PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(38) The attention of the Board has already been called to the delays and difficulties encountered by University employees in securing adjudication of their claims for accident compensation by the State Court of Claims. Communications from the Court of Claims and the Attorney General indicate that the University's problem in this respect has not been solved by the legislation passed by the last regular session of the Fifty-Ninth General Assembly. There are 58 cases, some of them dating as far back as January, 1933, involving only

physicians' and hospital services, with no permanent disability, which are pressing the University for settlement. The total amount of money involved in these claims is \$789.74. There is a provision of \$3,000 for the purpose of paying expenses on account of injuries to employees which has been included in the University budget until such time as the procedure for dealing with such cases has been settled by the State Court of Claims. The bills in question have been incurred under the direction of the University Health Officer and have all been endorsed by him as reasonable. They have been reviewed by the University Committee on Accident Compensation and have been approved by that Committee.

The Comptroller recommends that these claims be paid out of the budget appropriation and that the persons concerned be advised to withdraw their claims.

On motion of Mr. Barr, these bills were ordered paid.

COMPENSATION OF UNIVERSITY EMPLOYEES FOR ACCIDENTS

(39) At the meeting of the Board on September 30, 1936 (Minutes, page 54), the Comptroller made a report on the procedure followed in dealing with accidents to University employees and the status of such cases pending before the State Court of Claims. More recently reports from the Attorney General's office and the University Counsel indicate that it will be difficult, if not impossible, to secure satisfactory consideration of existing and future claims under the present laws and policies of the State Court of Claims. Under the circumstances it is recommended that the Board of Trustees request either its Committee on General Policy, or a special committee appointed for the purpose, to consider the problem and to recommend suitable legislation to be proposed to the Sixtieth General Assembly to remedy the situation.

This matter was referred to the Committee on General Policy in conference with the University Counsel and the Comptroller.

SPECIAL COURSES IN ANATOMY AND ORAL SURGERY

(40) A recommendation from the Deans of the Colleges of Medicine and Dentistry that two special courses in Anatomy and Oral Surgery be offered in those Colleges from November 2 to 20, inclusive, for practitioners, to meet a request for such training from the Illinois State Dental Society, and that the following fees be authorized: Anatomy, \$25; Oral Surgery, \$25; Combined Course, \$50. It is further recommended that applicants be permitted to register for either one or both courses.

The Board has authorized the offering of similar special courses for practitioners (Minutes, March 10, 1936, page 567).

On motion of Mrs. Freeman, these courses and fees were authorized.

EMERGENCY HOSPITAL FACILITIES

(41) A report of tentative plans made to provide emergency hospital service for the students of the University in case of an epidemic and the inability of the McKinley Hospital and other hospitals in Champaign and Urbana to meet the needs for such service.

This report was received for record.

SPACE IN NEW MEDICAL BUILDING

(42) A statement concerning the proposed assignment of space in the new Medical and Dental College Laboratories Building to the State Department of Public Health.

This matter was discussed, and action was deferred.

The Board adjourned, at 11:15 o'clock p.m., to meet at 10 o'clock a.m. on the following day.

SESSION OF OCTOBER 27, 1936

When the Board convened at the Blackstone Hotel, in Chicago, at ten o'clock a.m. on Tuesday, October 27, 1936, the following members were present: President Karraker, Mr. Barrett, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland, Mr. Williams.

President Willard was present; also Professor Morey and Mr. Janata.

EMPLOYMENT OF AUDITORS

Mr. Mayer, for the Finance Committee, presented a recommendation that the firm of Arthur Andersen & Co. be employed to examine the accounts of the University and of the Athletic Association for the current fiscal year at the present rate of compensation.

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

LEGISLATIVE BUDGET FOR 1937-1939

The Board proceeded to the consideration of the preliminary draft of the budget for the next biennium to be presented to the State Department of Finance on November 1 according to law.

President Willard made a preliminary statement and requested the Comptroller to present the financial and statistical data connected with the budget for the next two years. This was done in detail. During the presentation, Mr. Barr took his place with the Board, and Dr. Meyer and Mr. Wieland withdrew.

SUMMARY OF UNIVERSITY BUDGET FROM STATE APPROPRIATIONS
FOR BIENNIUM, 1937-1939

By Object:

Salaries and wages.....	\$11 218 529
Expense, equipment, and minor improvements....	3 146 102
Capital additions.....	1 585 000
Contingent fund.....	200 000
<i>Total</i>	<u>\$16 149 631</u>

By Funds:

State tax revenues:	
Mill Tax fund.....	¹
General Revenue fund.....	¹
<i>Total</i>	\$12 404 102
Federal funds reappropriated.....	295 529
University revolving fund.....	3 450 000
<i>Total, State Budget</i>	<u>\$16 149 631</u>

On motion of Mr. Williams, the President of the Board was requested to appoint a special committee (of which he should be chairman) to study the permanent allocation of tax funds to maintain the current operating expense of the University, and to take steps to secure legislation to put this in effect. President Karraker appointed Mr. Mayer, Mr. Williams, the Comptroller, and the University Counsel to act with him on this committee.

¹Distribution to be determined later.

On motion of Mr. Barrett, the budget presented was adopted as the preliminary estimated budget for the next biennium to be reported to the State Department of Finance.

On motion of Mr. Williams, the President of the University and the Comptroller were authorized to report this budget to the State Department of Finance as required by law.

SPECIAL COURSE IN GYNECOLOGY

The President of the University presented a recommendation that the College of Medicine be authorized to offer a special course of five lecture-demonstrations in Gynecology during the week of either November 2 or November 9, 1936, the course to be open only to persons holding the degree of Doctor of Medicine.

This course will be given by Dr. Walter Schiller of Vienna, an eminent Pathologist and Gynecologist. The Dean of the College of Medicine proposes that a fee of \$20 per individual be assessed to cover the expenses of the course.

I recommend authorization of this course, the establishment of a fee of \$20 per individual, and an appropriation of \$375 from the General Reserve Fund (\$75 per lecture) as an honorarium for Doctor Schiller. The income from fees will be sufficient to cover all expenses of this course including not only the honorarium but the cost of materials and the use of laboratory and other necessary facilities by those registering for the course.

On motion of Mrs. Freeman, this fee was authorized and an appropriation of \$375 was made from the General Reserve Fund for the expense of these lectures, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

DATE OF NOVEMBER MEETING

The Board voted to hold the November meeting in Chicago, on November 20 or 21, 1936, at the call of the President.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
Champaign Plumbing and Heating Company (A. C. Flanigan)	October 1, 1936	\$1 880	Plumbing and heating work, for a Transmitter Station for Radio Station WILL
Thomas J. Corkery	October 1, 1936	\$3 050	General contract work for Transmitter Station for Radio Station WILL
R. H. Dexter	October 1, 1936	\$ 425	Wiring contract for Transmitter Station for Radio Station WILL
Truscon Steel Company	September 3, 1936	\$10 330	Contract for installation of a Directional Antenna System for Radio Station WILL

RESIGNATIONS

The Secretary presented also for record the following list of resignations.

Hill, Dorothy J., Cataloger in the Library—resignation effective November 1, 1936.

Johnson, LaVerne, Assistant in Psychology—resignation effective October 1, 1936.

Lemon, Paul C., Assistant in Botany—resignation effective October 5, 1936.

Marsh, R. S., Associate Professor of Pomology, in the Department of Horticulture, in the College of Agriculture, and Associate Chief in Pomology, in the Agricultural Experiment Station—resignation effective November 1, 1936.

McBride, Elizabeth A., Stenographer in the Department of Economics—resignation effective November 1, 1936.

Orth, O. S., Assistant in Physiology—resignation effective October 1, 1936.

Taylor, Sidney A., Special Research Assistant in the College of Pharmacy—resignation effective September 30, 1936.

Treffitzs, Kenneth L., Assistant in the Bureau of Business Research—resignation effective October 1, 1936.

Wishart, Harold B., Special Research Assistant in Engineering Materials, in the Engineering Experiment Station—resignation effective November 11, 1936.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Allen, Frank, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)¹

Allen, Robert, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 7, 1936)

Allison, C. W., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Arden, Phoebe Johnson, Assistant in Botany, on one-half time, beginning October 6, 1936, and continuing through June 30, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes her previous appointment). (October 9, 1936)

Asher, Harry H., Instructor in Metallurgy, in the College of Dentistry, for eleven months beginning October 1, 1936, without salary. (October 10, 1936)

Austin, Ida Lee, Assistant in English, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (October 7, 1936)

Babcock, G. E., Assistant in Chemistry, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty dollars (\$40) a month. (October 7, 1936)

Ballard, E. G., Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 7, 1936)

Bamber, Lyle E., Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (October 5, 1936)

Baron, Francis Martin, Assistant in Civil Engineering, on part time, for five months beginning September 1, 1936, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 7, 1936)

Baron, Francis Martin, Assistant in Civil Engineering, on part time, for four months beginning October 1, 1936, at a cash compensation at the rate of thirty-five dollars (\$35) a month (this supersedes his previous appointment). (October 21, 1936)

Bates, Nellie, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Belton, James E., Assistant in English, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (October 7, 1936)

Bernhard, Richard C., Assistant in Economics, on one-half time, beginning September 25, 1936, and continuing through January 31, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 7, 1936)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Besore, Helen, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Bloomster, Gretchen, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Bone, Robert Gehlmann, Assistant in History, on one-half time, for nine months beginning October 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). October 2, 1936)

Boner, J. Russell, Assistant in Economics, on one-half time, beginning September 25, 1936, and continuing through January 31, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 1, 1936)

Bottenfield, E. O., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Branigan, Duane Adams, Instructor in Piano, in the School of Music, for nine months beginning October 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (October 6, 1936)

Busey, David, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Camp, G. C., Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 7, 1936)

Carlson, T. L., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Carr, Russell Wayne, Assistant in the Bureau of Business Research, on one-half time, for nine months beginning October 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 7, 1936)

Chamberlin, Merle H., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 7, 1936)

Chester, Margaret, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Christ, Robert E., Special Research Assistant in Chemistry, for eleven months beginning October 1, 1936, at a cash compensation at the rate of two thousand dollars (\$2000) a year. (October 7, 1936)

Clark, Harry M., Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 7, 1936)

Claussen, Walter F., Special Research Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 7, 1936)

Cleveland, Elonza Alexander, Jr., Assistant in Chemistry, on one-fourth time, for eight months beginning November 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 24, 1936)

Cline, Blanche, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Cobb, T. H., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Cook, Eleanor, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Cook, Mrs. Grace, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Cooke, Harold G., Jr., Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1936, at a cash compensation of thirty dollars (\$30) a month. (October 7, 1936)

Dennis, F. L., Assistant in Mathematics, on 8/15 time, for five months beginning September 1, 1936, at a cash compensation at the rate of eighty dollars (\$80) a month, and on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month (this supersedes his previous appointment). (October 5, 1936)

Donnan, Alvan, Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1936, at a cash compensation of thirty dollars (\$30) a month. (October 7, 1936)

Dunlap, L. H., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred dollars (\$300). (October 7, 1936)

Edwards, Maxwell, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 7, 1936)

Ekstrom, William, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety-six dollars sixty cents (\$96.60) a month (this supersedes his previous appointment). (October 7, 1936)

Ellis, Lucille Nelson, University Graduate Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, beginning September 15, 1936, and continuing through August 31, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 1, 1936)

Frederick, Katharine, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Gentry, F. C., Assistant in Mathematics, on two-thirds time, for five months beginning September 1, 1936, at a cash compensation at the rate of ninety-five dollars (\$95) a month, and on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (October 5, 1936)

Genung, M. W., Storekeeper in the Physical Plant Department, for eleven months beginning October 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand eight hundred dollars (\$1800) a year (this supersedes his previous appointment). (October 5, 1936)

Gooding, Charles, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Goodman, Arthur I., Special Research Assistant in the College of Pharmacy, beginning October 6, 1936, and continuing until December 31, 1936, at a cash compensation at the rate of fifty-five dollars (\$55) a month. (October 9, 1936)

Hadden, S. B., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Hamilton, Mrs. Ethel, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Harmison, Marien, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Hatch, Charlotte, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Helander, Bertha A., Stenographer and Clerk in the Extension Service in Agriculture and Home Economics, for eleven months beginning October 1, 1936, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (October 7, 1936)

Henneberger, Olive, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (October 7, 1936)

Hoebel, Donald Stearns, Assistant in Journalism, on one-half time, for four months beginning October 1, 1936, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 7, 1936)

Hoheisel, W. F., Assistant in Physiology, beginning October 5, 1936, and continuing until June 30, 1937, at a cash compensation at the rate of one hundred fifty-four dollars (\$154) a month. (October 13, 1936)

Hook, Julius Nicholas, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 7, 1936)

Hornor, A. L., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Howe, Gertrude E., Assistant in Medicine, in the College of Medicine, on one-half time, beginning September 26, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 2, 1936)

Huggins, Russell Arno, Special Research Assistant in Zoology, for eight months beginning November 1, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 21, 1936)

Hughes, Leo, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred forty-six dollars sixty cents (\$146.60) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation of ninety-eight dollars thirty cents (\$98.30) a month (this supersedes his previous appointment). (October 7, 1936)

Hunter, William A., Assistant in Psychology, on one-half time, for nine months beginning October 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 7, 1936)

Hyland, Mrs. Ruth Hibbs, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

James, Joseph Bliss, Assistant in History, on one-half time, beginning September 28, 1936, and continuing through February 4, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 5, 1936)

Johnson, John Lars, Assistant in English, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (October 7, 1936)

Kaufman, Geraldine, Cataloger in the Library, on two-thirds time, for ten months beginning November 1, 1936, at a cash compensation at the rate of sixty-six dollars sixty-six cents (\$66.66) a month. (October 13, 1936)

Keane, Marion, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Kirk, Ethelyn, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Krieg, Marie, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Larsen, Reuben A., Assistant in Prosthetic Dentistry, Division of Crowns and Fixed Partial Dentures, in the College of Dentistry, two half-days each week, beginning October 15, 1936, and continuing until August 31, 1937, without salary. (October 21, 1936)

Lauchner, A. H., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Lawson, Mildred, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Lee, Avice Ferne, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Levinson, Sidney Older, Instructor in Pediatrics, in the College of Medicine, for eleven months beginning October 1, 1936, without salary. (October 1, 1936)

Lowry, Wilson McNeil, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety-six dollars sixty cents (\$96.60) a month (this supersedes his previous appointment). (October 7, 1936)

Maker, Philip Tillotson, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1936, at a cash compensation of nine hundred dollars (\$900). (October 5, 1936)

Marberry, W. M., Assistant in Botany, on one-half time, beginning October 6, 1936, and continuing through June 30, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (October 9, 1936)

Mason, Ruth Glidden, Assistant in Mathematics, for ten months beginning September 1, 1936, at a cash compensation of one thousand five hundred dollars (\$1500). (October 5, 1936)

Massler, Maury, Student Assistant in Histology, in the College of Dentistry, beginning September 28, 1936, and continuing through the second semester, with exemption from tuition and laboratory fees for the first semester, and with exemption from laboratory fees for the second semester of 1936-37. (October 1, 1936)

Matthews, Ralph B., Assistant in Economics, on one-half time, beginning September 25, 1936, and continuing through January 31, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 2, 1936)

McCabe, John O'Donnell, Assistant and First Junior Resident in the Department of Orthopaedics, in the College of Medicine, for nine months beginning October 1, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (October 7, 1936)

McClurg, Lola, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

McDaniel, Lillie, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

McDougle, Mrs. Virginia, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

McDowell, E. W., Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 7, 1936)

McKee, Margery, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

McKeever, C. H., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 7, 1936)

Modesitt, Virginia, Assistant in Mathematics, on two-thirds time, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred dollars (\$100) a month, and on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month (this supersedes her previous appointment). (October 5, 1936)

Moore, Vail Hall, Assistant in General Engineering Drawing, on two-thirds time, beginning October 1, 1936, and continuing through January 31, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 2, 1936)

Morrison, Alice, Assistant in English, on two-thirds time, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred dollars (\$100) a month, and on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month (this supersedes her previous appointment). (October 7, 1936)

Mosko, Milton M., Assistant in Medicine, in the College of Medicine, on part time, beginning October 1, 1936, and continuing through June 30, 1937, at a cash compensation of one hundred twenty-eight dollars (\$128), payable sixty-four dollars (\$64) at the end of each semester. (October 7, 1936)

Moyer, Lester, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Munson, Lacie B., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Nagle, Elizabeth, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Neblock, Etta, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Nelson, Oliver Earl, Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1936, without salary. (October 1, 1936)

Netzorg, D. L., Assistant in Mathematics, on 8/15 time, for five months beginning September 1, 1936, at a cash compensation at the rate of eighty dollars (\$80) a month, and on 6/15 time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (October 5, 1936)

Nickell, V. L., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Olson, Lawrence Carroll, Assistant in Soil Survey Analysis, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for ten months beginning November 1, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 24, 1936)

O'Malley, J. E., Assistant in Medicine, in the College of Medicine, beginning October 6, 1936, and continuing through August 31, 1937, without salary. (October 7, 1936)

Osenburg, F. C., Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred fifty-five dollars ninety cents (\$155.90) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred five dollars ninety cents (\$105.90) a month (this supersedes his previous appointment). (October 7, 1936)

Passarelli, E. W., Instructor in Medicine, in the College of Medicine, for eleven months beginning October 1, 1936, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 2, 1936)

Pedersen, Marion, Assistant in English, on two-thirds time, for four months beginning October 1, 1936, at a cash compensation at the rate of ninety-six dollars sixty cents (\$96.60) a month. (October 7, 1936)

Powell, Dwight, Special Research Assistant in the Administration Department in the Agricultural Experiment Station, on one-half time, beginning November 1, 1936, and continuing until further notice, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (October 2, 1936)

Quinn, John Kerker, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety-six dollars sixty cents (\$96.60) a month (this supersedes his previous appointment). (October 7, 1936)

Ragan, Edward H., Student Assistant in Histology, in the College of Dentistry, beginning February 8, 1937, and continuing through the semester, with exemption from tuition for the second semester of 1936-37. (October 1, 1936)

Rautenberg, Rosalind, University Graduate Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, for one year beginning September 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (October 1, 1936)

Reed, Jesse Paul, Assistant in English, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (October 7, 1936)

Rogers, Ruth E., Stenographer in the Administration Department in the Agricultural Experiment Station, for eleven months beginning October 1, 1936, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (October 5, 1936)

Roloff, Marjorie, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Roper, Margaret, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Rose, Harriett, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Roth, John Bernhard, Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1936, without salary. (October 1, 1936)

Rovelstad, Howard, Assistant in English, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (October 7, 1936)

Rusk, Elizabeth, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sahlstrom, E. C., Assistant in Surgery, in the College of Medicine, for eleven months beginning October 1, 1936, without salary. (October 7, 1936)

Schacht, John H., Assistant in English, on two-thirds time, for five months beginning September 1, 1936, at a cash compensation at the rate of ninety-six dollars eighty cents (\$96.80) a month, and on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty-eight dollars forty cents (\$48.40) a month (this supersedes his previous appointment). (October 7, 1936)

Sharp, Lucile, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Shattuck, Charles, Assistant in English, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month, and on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety-six dollars seventy cents (\$96.70) a month (this supersedes his previous appointment). (October 7, 1936)

Shaw, Everett R., Assistant in Economics, on one-half time, beginning September 25, 1936, and continuing through January 31, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 1, 1936)

Shaw, Warren Choate, Assistant in History, on three-fourths time, beginning September 29, 1936, and continuing until July 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month. (October 5, 1936)

Shreve, D. R., Assistant in Mathematics, on two-thirds time, for five months beginning September 1, 1936, at a cash compensation at the rate of ninety-five dollars (\$95) a month, and on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (October 5, 1936)

Shroyer, Mary, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sister M. Armella Wiemar, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sister M. Cecilian Heffron, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sister M. Justin Nevins, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sister M. Lucetta Shea, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sister M. Tharla Baber, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sister M. Virginie Borre, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Slobutsky, Charles, Special Research Assistant in Chemistry, on one-half time, for ten months beginning October 1, 1936, at a cash compensation of five hundred dollars (\$500). (October 7, 1936)

Smith, Hulah, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sorensen, Raymond E., Assistant in Surgery, in the College of Medicine, for eleven months beginning October 1, 1936, without salary. (October 13, 1936)

South, Belle, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Steigmann, Frederick, Instructor in Medicine, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1936, at a cash compensation at the rate of forty-nine dollars sixteen cents (\$49.16) a month (this supersedes his previous appointment). (October 2, 1936)

Stephan, Robert M., Instructor in Physiological Chemistry, in the College of Medicine, on one-eighth time, for eight months beginning October 1, 1936, at a cash compensation at the rate of twenty dollars (\$20) a month. (October 7, 1936)

Stephens, Lewis, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Stiegemeier, Ann D., Stenographer and Clerk in the University High School, on four-fifths time, for ten months beginning September 1, 1936, at a cash compensation of seven hundred eighty-four dollars (\$784); Stenographer and Clerk, on full time, for two months beginning July 1, 1937, at a cash compensation of one hundred ninety-six dollars (\$196), subject to the rules of the Civil Service Commission; and Teacher in the University High School, on one-fifth time, for ten months beginning September 1, 1936, at a cash compensation of three hundred twenty dollars (\$320) (this supersedes her previous appointment). (September 30, 1936)

Stiegemeier, Barbara, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Stiegemeier, Louise, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 23, 1936)

Stoner, Virginia L., Technician in the Department of Dental Pathology and Therapeutics, in the College of Dentistry, for one year beginning September 1, 1936, at a cash compensation of one thousand one hundred fifty dollars (\$1150). (October 7, 1936)

Strode, Orval, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Sullivan, V. R., Assistant in Chemistry, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty dollars (\$40) a month. (October 7, 1936)

Swigart, Beulah, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Taff, W. O., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 7, 1936)

Teles, Morris, Assistant in Mathematics, on 8/15 time, for five months beginning September 1, 1936, at a cash compensation at the rate of seventy-two dollars (\$72) a month, and on 1/3 time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty-five dollars (\$45) a month. (October 5, 1936)

Thomasson, A. L., Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Turinsky, Otto, Assistant in Chemistry, on one-third time, for four months beginning October 1, 1936, at a cash compensation at the rate of forty dollars (\$40) a month. (October 7, 1936)

Turner, Florence Olivia, Stenographer in the Department of Animal Husbandry, in the Agricultural Experiment Station, for ten months beginning

November 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 19, 1936)

Walker, Ernest Dewitt, Extension Specialist in Agronomy, in the Extension Service in Agriculture and Home Economics, beginning November 18, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (October 5, 1936)

Weber, Ernest Maynard, Assistant in Bacteriology, on one-half time, for four months beginning October 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 14, 1936)

Welker, E. L., Assistant in Mathematics, on two-thirds time, for five months beginning September 1, 1936, at a cash compensation at the rate of ninety-five dollars (\$95) a month, and on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (October 5, 1936)

Whiteside, Eugene Perry, Assistant in Agronomy, in the Agricultural Experiment Station, on three-fourths time, for four months beginning October 1, 1936, at a cash compensation at the rate of eighty-six dollars ninety-two cents (\$86.92) a month (this supersedes his previous appointment). (October 2, 1936)

Wiley, Flossie, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Wiley, Jay W., Assistant in Economics, on one-half time, beginning October 17, 1936, and continuing through January 31, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 24, 1936)

Williams, Avis, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Wolver, Frances, Assistant in Mathematics, for five months beginning September 1, 1936, at a cash compensation at the rate of one hundred thirty-five dollars (\$135) a month. (October 5, 1936)

Wood, Susan, Cooperating teacher in the University High School, for the first semester of the academic year 1936-37, without salary. (October 2, 1936)

Young, Dallas, Assistant in History, on one-fourth time, for four months beginning October 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 5, 1936)

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

November 21, 1936



The November meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 o'clock a.m. on Saturday, November 21, 1936.

When the Board convened, the following members were present: President Karraker, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Professor Lloyd Morey, Comptroller, Mr. A. J. Janata, Assistant to the President, Mr. C. S. Havens, Director of the Physical Plant Department, and, during part of the day, Judge Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of September 30, the adjourned session of October 9, and the meeting of October 26 and 27, 1936.

On motion of Mr. Barrett, the minutes were approved as printed on pages 23 to 112 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

CIVIL SERVICE JOINT APPOINTING OFFICER

(1) On November 27, 1935 (Minutes, page 472), the Board of Trustees adopted a resolution designating the Comptroller as the appointing officer of the University for Civil Service purposes, and ratifying and confirming all actions previously taken by him in that capacity. This provision was also written into the University Statutes approved March 10, 1936.

In discharging this responsibility, it is a practical necessity that the Comptroller assign a part of the work to other members of his staff. The following resolution is therefore offered:

Whereas Lloyd Morey, Comptroller of this Board, has heretofore been duly authorized to act as Appointing Officer in the administration of the State Civil Service Law in its relation to the University, and

Whereas it is essential, in order to insure the efficient and orderly administration of this branch of the business of the University, that more than one person be authorized to perform the duties of the above described position,

Now, therefore, be it resolved that Lloyd Morey, Comptroller, and H. B. Ingalls, Bursar, be and they are hereby designated jointly and severally as Appointing Officers with full power to act as such, including the power to sign all Civil Service Forms pertaining to appointments, promotions, demotions, transfers, or discharges of persons subject to the Civil Service Law, and

Be it further resolved that it shall be in the discretion of Mr. Morey whether and in what circumstances Mr. Ingalls executes such forms over his personal signature or Mr. Morey does so himself, but in either case any such Civil Service Forms, whether executed by Mr. Morey or by Mr. Ingalls, shall be deemed to have been executed by and with the authority of this Board.

On motion of Mrs. Plumb, this resolution was adopted, and the Secretary was instructed to incorporate this action in the Statutes.

LEAVE OF ABSENCE FOR PROFESSOR HARTLEY D. PRICE

(2) A recommendation that Assistant Professor Hartley D. Price, of the Department of Physical Education for Men, be given a sabbatical leave of absence on one-half pay during the second half of the academic year 1936-1937, or from March 1 to August 31, 1937. Professor Price proposes to spend this time in study.

In submitting this application, I recommend that the established administrative procedure requiring that an application for a sabbatical leave during any given year must be submitted on or before December 1 of the preceding year be waived.

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

LEAVE OF ABSENCE FOR MISS JOSIE B. HOUCHENS

(3) A recommendation that Miss Josie B. Houchens, Binding Librarian, be given sick leave with full pay for three months from October 20, 1936. Other members of the Library staff will carry on her work so that no additional expense to the University will be involved.

On motion of Mrs. Freeman, this leave was granted as recommended.

RESIGNATION OF PROFESSOR EDWARD BERMAN

(4) On January 24, 1936 (Minutes, page 514), Dr. Edward Berman, Associate Professor of Economics, was given a year's leave of absence without pay beginning February 1, 1936, to enable him to undertake a research project for the Works Progress Administration. He has been offered an opportunity to

continue his work as Senior Economist in the Works Progress Administration indefinitely, and has submitted his resignation as a member of the faculty, effective at the end of the present semester, or February 1, 1937.

On motion of Mr. Barrett, this resignation was accepted.

EXCESS OF INCOME FROM FEES OVER BUDGET ESTIMATES

(5) The Comptroller reports the receipt of an excess of income from fees of not less than \$45,000 over the estimate of income from this source set up in the budget for 1936-1937. I recommend that the budget for the current fiscal year be adjusted accordingly and the General Reserve Fund be increased by the amount of the additional anticipated income.

On motion of Mr. Pogue, this recommendation was adopted, and the funds were assigned to the General Reserve Fund as recommended.

APPROPRIATION FOR POULTRY PLANT

(6) A recommendation that an assignment of \$1,500, or so much thereof as may be necessary, be made from the balance of \$7,828.79 in the "Unappropriated Agricultural Income for Animal Husbandry" for the installation of a heating plant in the new poultry house and to connect the building with a power line to provide electricity therein.

On motion of Mr. Barr, this appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR IMPROVEMENT OF WEST RESIDENCE HALL

(7) The Director of the Physical Plant Department has recommended the release of \$2,100 from the General Reserve Fund for the construction of a terrace in the rear of West Hall. In setting up the budget for the Residence Halls, which are self-supporting, a reserve (approximately \$14,000 for the two halls on Nevada Street and \$5,000 for Davenport House) is included to provide for items of replacement to both buildings and equipment which occur irregularly over a long period of years and also current maintenance and repair costs. This fund is not intended to provide for improvements or capital additions such as the building of a masonry terrace.

I recommend that an assignment of \$2,100 be made from the General Reserve Fund for this purpose with the understanding that a similar amount from the net income of the Residence Halls will be permitted to lapse into the General Reserve Fund at the end of the year to offset this.

On motion of Mrs. Freeman, this appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland, Mr. Williams.

ADJUSTMENT IN BUDGET OF ATHLETIC ASSOCIATION

(8) A report that the Board of Directors of the Athletic Association has made the following adjustments in the budget of the Association:

1. Appropriation of \$250 for the wrestling team.
 2. Appropriation of \$900 for the employment of a switchboard clerk at the New Gymnasium, and for the purchase of dictating and transcribing machines.
- These are appropriations from the Reserve Fund of the Association, and are additions to its budget for the current fiscal year.

The original budget of the Athletic Association for 1936-1937, as submitted to the Board of Trustees of the University last spring, indicated total estimated expenditures of \$14,748.41 in excess of estimated income, but approximately this

amount was for repairs, improvements, and other non-recurring items which could be charged against the Association's Reserve Fund, in which there was a substantial balance. The Business Manager reports that so far this year receipts have exceeded the budget estimates of income by more than \$24,000, with 75 per cent of the receipts for the fiscal year already accounted for. This is due to an increase in the sales of season ticket books, which brought in \$10,696 more than the budget estimates, and to increased receipts from football games.

On motion of Mr. Pogue, these adjustments were approved.

INSURANCE POLICIES AND ANNUITIES CARRIED BY THE ATHLETIC ASSOCIATION

(9) The Athletic Association has entered into a contract with each of its employees, which contracts are modeled very closely after those used by the University for members of the faculty. The Athletic Association contract stipulates the amount of salary to be paid, and also provides for the payment of a death benefit and of annuity payments when the employee shall have reached the age of retirement.

The Directors of the Athletic Association do not regard the cash or loan values of its annuity insurance policies as a fund on which the Association can draw for any purpose except the payment of death and retiring benefits. Of course, an extreme emergency might arise in which it would be forced to borrow from this fund, but it would be the intention to repay the loan at the earliest possible moment. Indeed, the Association did borrow in this manner when the bank in which it had its funds on deposit closed. It repaid the insurance company in full some time ago. In other words, the Association does not consider this fund in the light of a savings account which may be drawn upon for operating expenses whenever desired.

In order that there may be a record of this matter in the minutes of the Board of Trustees, Professor F. A. Russell, Vice-President of the Athletic Association and Chairman of its Finance Committee, has made the following statement in a letter to the Comptroller of the University, dated November 11, 1936, summarizing this arrangement:

1. The Athletic Association has established a fund from which the Athletic Association may pay death claims and retiring allowances to those of its employees who have contracts with the Athletic Association providing for such payments.

2. The contracts are so written that in the event an employee leaves the Athletic Association, the annuity contract is the absolute property of the Athletic Association without it being necessary to obtain the consent of the resigned (or discharged) employee.

3. When an employee reaches the retirement age, we turn the responsibility of paying the retiring allowance over to the insurance company, but if the employee does not live long enough to receive the number of payments guaranteed under the contract, any difference will be returned to the Athletic Association.

This report was received for record.

At this point, Dr. Meyer took his place with the Board.

APPROPRIATION FOR EMERGENCY HOSPITAL FACILITIES

(10) The attention of the Board has already been called to the importance of providing emergency hospital facilities for students in case of an epidemic and the inability of local hospitals to meet the needs. Further study of the problem has resulted in certain specific recommendations from the Director of the Physical Plant Department to provide emergency facilities in addition to the present capacity of the McKinley Hospital. These include:

1. *Housing Facilities for Hospital Purposes.* A survey and inspection has been made of vacant and other available houses in Champaign and Urbana which could be used for emergency hospitalization of small groups. There are available at this time three houses suitable for such purposes, two owned by the University and one which probably could be leased if needed, which would

provide hospital facilities for approximately 125 patients. A study has also been made of the possible uses of such University buildings as the Men's Old Gymnasium, the Woman's Gymnasium, and the Woman's Building if they are needed. No definite recommendation is being made at this time with reference to housing facilities. The only satisfactory permanent solution to this problem, however, is an addition to McKinley Hospital, although even by increasing its capacity it would still be necessary to make provision for emergency units in the event of a general epidemic.

2. *Equipment.* The University should have a reasonable amount of surplus of hospital equipment to meet an emergency since in the case of an epidemic other communities will have similar problems and too much dependence cannot be placed on them for equipment and supplies. The University Health Officer and the Superintendent of the McKinley Hospital have estimated that additional equipment to operate two emergency hospital units would cost approximately \$16,500. It is recommended that the University purchase immediately such additional hospital equipment as could not be obtained on short notice to provide for approximately 100 patients, in addition to the present McKinley Hospital facilities. This equipment would include such items as beds, mattresses, and bedside tables and would serve two purposes. It would be available in case of an emergency and if not needed for that purpose could be used to replace existing equipment in the McKinley Hospital as needed.

I recommend that an assignment of \$5,000 be made from the General Reserve Fund for the purchase of hospital equipment including beds, mattresses, bedside tables, and such other items as can be used either for emergency purposes or as replacements of similar equipment now used in the hospital.

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Wieland, Mr. Williams.

CHARGES AGAINST FEDERAL FUNDS FOR SERVICES FURNISHED BY THE UNIVERSITY FOR AGRICULTURAL AND HOME ECONOMICS EXTENSION DIVISION

(11) Federal funds for agricultural research and extension have materially increased in the past two years. As a result the amount of physical plant facilities and general business office services required by these activities have increased considerably. Federal regulations authorize the charging of the cost of services furnished by the state universities and colleges to their agricultural and home economics extension divisions against the Federal funds provided for these divisions if an institution so desires. The Comptroller has asked whether such charges should be made against funds received by the University of Illinois.

The Dean of the College of Agriculture reports that such funds bring material benefits to the State and to the University and that probably State funds for various research and extension activities in Agriculture and Home Economics would have to be increased if Federal funds were not available. The University has not made a practice of charging any general overhead expenses to any other specially financed activity of a research or extension character.

The University of Illinois has not heretofore made specific charges against Federal funds for the routine services of the Physical Plant Department and the Business Office to the extension and research divisions of the College of Agriculture and the Agricultural Experiment Station. The actual increase in physical plant expense due to the increased funds appears to be less than \$1,000 a year. An effort is being made to have as much as practicable of the added bookkeeping service taken care of in the College of Agriculture as a part of the expense of the new funds rather than in the Business Office.

On motion of Mr. Barr, the Board concurred in the recommendation of the President of the University that there be no change in procedure in this matter at present.

PURCHASE OF STEEL SCAFFOLDING

(12) A recommendation that \$8,500, or so much thereof as may be necessary, be appropriated from the General Reserve Fund for the purchase of steel scaffolding to be used in painting and making repairs in buildings and large rooms like the Auditorium.

Mr. Barrett, for the Committee on Buildings and Grounds, presented a recommendation that this purchase be made.

On motion of Mr. Barrett, this purchase was authorized and the appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Wieland, Mr. Williams.

EXTENSION OF AGREEMENT WITH AMERICAN RAILROAD ASSOCIATION

(13) A recommendation for the approval of an extension of an agreement with the Association of American Railroads and the Rail Manufacturers' Technical Committee for a cooperative investigation of the causes of failures in railroad rails in service together with their prevention, with particular reference to transverse fissures, for two years beginning January 1, 1937.

The original agreement for this rails investigation was effective on January 1, 1931. It was the intention then to spend \$250,000 in a five-year period, the two agencies to share equally in the expense which was estimated at approximately \$50,000 annually, but at the end of five years there remained enough money to carry the investigation for an additional year and the extended agreement expires December 31, 1936. The two agencies have requested an extension of the agreement for two years from January 1, 1937, and have agreed to contribute jointly approximately \$50,000 a year to cover the expenses of continuing this research work.

On motion of Mr. Barrett, the extension of this agreement was approved as recommended.

REPORT ON SALE OF SECURITIES REPRESENTING INVESTMENTS OF ENDOWMENT FUNDS

(14) The Comptroller submits the following report of the sale of securities representing investments of endowment funds authorized by the Board of Trustees and not previously reported. In the list is an item of \$2,000 representing a part of the endowment of the Kate Neal Kinley Fellowship. The provisions of this fund require that it be invested separately from other funds and that the diminished principal be replenished from income. The small loss of \$22.50 sustained in the recent sale of securities, as compared with the book value at which they were entered when received, will be a charge to the income account of the fund rather than the principal as in the usual practice.

REPORT ON SALE OF SECURITIES INVESTMENTS OF TRUST FUNDS

NOVEMBER 11, 1936

Authorized by Board of Trustees, March 10, 1936:

Security	Par Value	Book Value	Price	Market Value	Profit
<i>Group Investments:</i>					
U. S. Treasury notes 3½ 1944-46	\$12 500 00	\$12 954 62	108½	\$13 535 16	\$580 54
State of California Relief bonds					
3½ 1945.....	10 000 00	10 672 42	109.70	10 970 00	297 58
	(\$22 500 00)	(\$23 627 04)		(\$24 505 16)	(\$878 12)

Authorized October 26 and 27, 1936:

Special Investments:

Kinley Endowment New England Power Association 5½ 1954.....	\$2 000 00	\$2 000 00 (Gift)	98¾	\$1 977 50	\$22 50 (Decrease)
Babcock Endowment New England Power Association 5½ 1954.....	1 000 00	1 000 00 (Gift)	98¾	987 50	12 50 (Decrease)
German Government International Loan 5½ 1953.....	3 100 00	3 100 00 (Gift)	25¼	1 262 50	1 837 50 (Decrease)
Taft Lectureship Laclede Gas Light Co. 5½ 1953	500 00	500 00 (Gift)	72¼	362 50	137 50 (Decrease)
	<u>(\$6 600 00)</u>	<u>(\$6 600 00)</u>		<u>(\$4 590 00)</u>	<u>(\$2 010 00)</u>
				\$29 095 16	

This report was received for record.

PURCHASE OF SECURITIES

(14) A report from the Comptroller to the Finance Committee.

To the Finance Committee:

The sales and purchases of securities authorized by the Board at the last meeting have been partially executed. It has been found impossible to secure certain items selected for purchase at that time. The total sum available for group investment of endowment funds at this date is approximately \$16,300.

After canvassing available possibilities with various bond houses, I recommend purchases not in excess of \$5,000 each from the following list:

California Water Service
1st 4% Series B, 1961
Call price 107½, market 105, yield 3.6
Pacific Gas & Electric Co.
1st 3½, 1966
Call price 107½, market 104, yield 3.25
Wisconsin Power & Light Co.
1st 4%, Series A, 1966
Call 105, market 102½, yield 3.85
Cumberland County (Maine) Power & Light Co.
1st 3½%, 1966
Call 108, market 103, yield 3.33

Koppers Company
1st mortgage and collateral trust bonds Series A, 4%, 1961
(If found to be legal for trust funds)

There is also available \$2,000 in the Kate Neal Kinley Endowment Fund which must be separately invested. For this purpose I suggest:

New England Power Co.
1st 3¼%, 1961
Market 104, yield 3

We own \$8,000 State of Illinois 4% Highway bonds, due 1953, book value at this date 103.6. The present market is 121. It has been suggested that we replace these bonds by U. S. Treasury 4%, 1944/54, price about 116. I recommend this change.

Very truly yours,

LLOYD MOREY
Comptroller

On motion of Dr. Meyer, the purchase of these securities was authorized as recommended.

ASSIGNMENT OF LAND FOR POLO FIELD

(15) The Professor of Military Science and Tactics has requested the assignment of the area north of Stadium Drive and west of First Street for use as a polo field. The Acting Director of Athletics and the Director of the Physical Plant Department approve this assignment until such a time as the area is needed for a baseball field or other University purposes.

I recommend approval on condition that the assignment of this land for use as a polo field will not require any additional appropriation, or involve an increase in the operating budget of the Military Department.

On motion of Mr. Pogue, this assignment of land was made as recommended.

**ARCHITECTURAL SERVICES AND SITE FOR
STUDENT CENTER BUILDING**

(16) In the development of building studies and the design of the Student Center Building at the University of Illinois, it is necessary for the architects to have a definite site authorized. It is, therefore, recommended that the Board of Trustees at this meeting designate and authorize, informally at least, a site for this building.

This matter was discussed, but no formal action was taken.

On motion of Dr. Meyer, the supervision and architectural work on this building was placed in the hands of the Physical Plant Department for the preparation of plans and superintendency of construction.

REPORT ON STATUS OF STUDENT CENTER PROJECT

(17) The University has been advised by the State Director of the Federal Emergency Administration of Public Works that its application for a grant of Federal funds to aid in the construction of a Student Center has been examined and approved by all examining sections and is now listed as a project eligible for allotment on the basis of a grant of \$450,000 and funds to be furnished by the applicant in the amount of \$550,000. (This is based on an estimated cost of \$1,000,000 for the building without equipment and furnishings; the preliminary estimate of the cost of the latter is \$250,000.)

The University has been advised by the Assistant Administrator that no grant has yet been made and that the application is not before the President of the United States. According to press reports, it is not likely that any more projects will be approved until the latter's return from his South American cruise in December. Under present law the Federal Emergency Administration of Public Works will cease to exist on June 30, 1937, unless Congress extends it. Consequently, final approval of the projects which cannot be completed by that date is quite likely to be deferred pending a decision on the future of the Public Works Administration.

In the meantime, the University of Illinois Foundation is organizing its campaign to raise funds for this project. A central committee has been appointed with a full-time director to manage the campaign and a preliminary survey has been made by the John Price Jones Corporation whose services have been retained by the Foundation to aid in the preliminary survey only.

This report was received for record.

APPROPRIATION FOR BUILDING STUDIES

(18) The Director of the Physical Plant Department recommends that if his Department is to continue the studies and preparation of plans and specifications for the Student Center Building, an additional appropriation be made for continuing this work until the funds to be raised for this building are available. He recommends that \$5,000 be appropriated for this purpose.

On motion of Mr. Barrett, this appropriation was made, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Wieland, Mr. Williams.

PURCHASES RECOMMENDED

(19) A recommendation that the following purchases be authorized:

1. English Finish Book Paper, 900 reams 25 x 38—40 lb., for use in printing the Annual Register, from Dwight Brothers Paper Company, Chicago, the low bidder, at a price of \$4.30 per cwt., a total cost of \$1,548.00. Funds are available in the budget for this purchase.

2. Lumber for use in maintenance work:

3000 ft. 2" Clear Plain Red Oak

2000 ft. 1" Clear Plain Red Oak

3000 ft. 1" Clear All Heart California Red Wood

Selected and Better Northern White Pine as follows:

2000 ft. 1" x 12"—16'

1000 ft. 1" x 10"—16'

1000 ft. 1" x 12"—12'

1000 ft. 1" x 10"—12'

1000 ft. 1½" random

from Frank Paxton Lumber Company, Kansas City, Kansas, the low bidder, at a price of \$1,650, f.o.b. Urbana.

3. 2,420 diploma covers, from B. C. Kassell Company, Chicago, the low bidder, at a price of 79¢ each. Provision has been made in the budget for 1936-1937 for this purchase.

4. Pipe casing, wood stave, tin lined, 300 ft. 8½" bore, 4" shell; 300 ft. 5" bore, 4" shell, for use in replacing steam line to Vegetable Greenhouse, from the American District Steam Company, Chicago, the low bidder, at a price of \$1,089, f.o.b. Urbana. Funds are available in the budget of the Physical Plant Department for this purchase.

5. Turbine parts

1 Gear pinion and shaft for turbine No. 14533.

1 Turbine rotor completely bladed and assembled on rotor shaft, together with gland runner, coupling keys, and gland water baffles, suitable for installation in either turbine No. 9412 or No. 14533, from the Westinghouse Electric and Manufacturing Company, at a price of \$1,095, f.o.b. factory. As these are spare parts for Westinghouse turbine generators they can only be obtained from that Company. Funds are available in the budget for this purchase.

On motion of Mrs. Freeman, these purchases were authorized.

PURCHASES AUTHORIZED

(20) A report of the following purchases authorized by the President of the University, in accordance with the University Statutes:

1. Approximately 2,000 bushels No. 4 yellow shelled corn for the Department of Animal Husbandry Feed Storage, at a price of \$1.00 per bushel delivered, from Roy Douglas and Frances M. Sullivan, of Urbana. This purchase was arranged by a representative of the Department after investigation of available supply, quality, and price being considered.

On motion of Dr. Meyer, this action was confirmed.

REPORT OF DEATH BENEFITS PAID

(21) The Comptroller has been authorized to pay the death benefits due the beneficiaries of the following members of the staff in accordance with the University Statutes and the terms of their employment.

1. William M. Woods, Laborer in the Department of Agronomy....\$506.20

Mr. Woods was in the service of the University from July 1, 1915 until his death on October 30, 1936.

2. Paul David, Laborer in the College of Dentistry.....\$725.00

Mr. David was in the service of the University from September, 1907 until his death on October 29, 1936.

This report was received for record.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(22) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER OCTOBER 21, 1936 TO NOVEMBER 14, 1936
Cooperative investigation as authorized by Board of Trustees in meeting of October 26, 1936:

<i>With whom</i>	<i>Purpose</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Musher Foundation	To study the anti-oxidant properties of oat-flour products in the preservation of bacon and lard.	\$350	October 28, 1936

Agreement covering the plumbing work for the College of Agriculture Scale House, as approved by Board of Trustees in meeting of October 26, 1936:

<i>With whom</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Champaign Plumbing and Heating Company	\$1 470	October 9, 1936

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
John Heltsley	Liberal Arts and Sciences	Year 1936-37	October 28, 1936
Herman Bluestein	Medicine	Year 1936-37	October 23, 1936

Cooperative investigation originally authorized by Board of Trustees on September 11, 1934, and approved as to extension for year 1936-1937 in meeting of September 30, 1936:

<i>With whom</i>	<i>Purpose</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Naval Research Laboratory of U. S. Navy Department	To obtain scientific information regarding the lead acid storage cell.	\$1 000	September 14, 1936

Minor contracts executed under general authority conferred by Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Illinois Power and Light Corporation	Gas service contract for power plant, one year from November 1, 1936.	Scheduled rates	October 28, 1936
Illinois Power and Light Corporation	Gas service contract for chemistry building, one year from November 1, 1936.	Scheduled rates	October 28, 1936

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(23) The quarterly report of the Comptroller to the Board of Trustees as at September 30, 1936.

This report was referred to the Finance Committee for consideration.

REQUEST OF STATE DEPARTMENT OF PUBLIC HEALTH FOR SPACE IN MEDICAL AND DENTAL BUILDING

(24) The Board has had under consideration a request from the State Department of Public Health for the assignment of space in the second unit of the Medical and Dental Laboratories, now under construction, for laboratories, offices, and other facilities in which to carry on certain of its diagnostic work, and also space for a new Division of Industrial Hygiene. The request includes laboratory and office equipment for these activities.

For a number of years the University has been housing in the quarters of its Department of Bacteriology, at Urbana, a branch laboratory of the Department of Public Health. A report on this arrangement is submitted herewith for the information of the Board in connection with its consideration of the request of the State Department for additional space in the Chicago building.

This statement was received and the President of the University was requested to send copies to the members of the Board, and the matter was made a special order of business for the next meeting of the Board.

RESIGNATIONS AND CANCELLATIONS

The Secretary presented for record the following list of resignations and cancellations.

Coombs, Robert, Instructor in Surgery, in the College of Medicine—cancellation effective September 1, 1936.

Robbins, A. Ione, Clerk and Typist in the Accounting Division of the Business Office—resignation effective December 5, 1936.

Weinfeld, Gustav F., Associate in Pediatrics, in the College of Medicine—cancellation effective September 1, 1936.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Baker, James Gerard, Cataloger in the Library, on three-fourths time, for ten months beginning November 1, 1936, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (October 31, 1936)¹

Bullen, Janet Gertrude, Cataloger in the Library, on three-fourths time, for ten months beginning November 1, 1936, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes her previous appointment). (October 31, 1936)

Cooper, Helen Margaret, Cataloger in the Library, on three-fourths time, for ten months beginning November 1, 1936, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes her previous appointment). (October 31, 1936)

Dykhuizen, Harold D., Assistant in Surgery, in the College of Medicine, for nine months beginning December 1, 1936, without salary. (November 17, 1936)

Engelhard, Herbert H., Assistant in Obstetrics and Gynecology, in the College of Medicine, for ten months beginning November 1, 1936, without salary. (October 30, 1936)

Fulton, Elizabeth Mills, Resident in the Division of Anaesthesia, in the College of Medicine, for six months beginning January 1, 1937, at a cash compensation at the rate of twenty-five dollars (\$25) a month plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (November 20, 1936)

Learner, Aaron, Instructor in Pathology, Bacteriology, and Public Health, in the College of Medicine, for ten months beginning November 1, 1936, without salary. (November 7, 1936)

Leppa, Mrs. Martha Bond, Cataloger in the Chicago Medical and Dental Library, on three-fourths time, for ten months beginning November 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred six dollars twenty-three cents (\$106.23) a month. (October 31, 1936)

Markus, Chris Walter, Assistant in Zoology, on one-fourth time, for three months beginning November 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 31, 1936)

McCauley, William Edward, Special Research Assistant in the Administration Department in the Agricultural Experiment Station, on one-fourth time, beginning November 1, 1936, and continuing until further notice, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (November 4, 1936)

Ocasek, William C., Assistant in Medicine, in the College of Medicine, beginning November 11, 1936, and continuing through August 31, 1937, without salary. (November 17, 1936)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Remmers, Edith Imogene, Stenographer and Typist in the Accounting Division of the Business Office, for ten months beginning November 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (November 4, 1936)

Rubin, Harold X., Assistant in Medicine, in the College of Medicine, beginning November 18, 1936, and continuing through August 31, 1937, without salary. (November 20, 1936)

Russell, Harry Gould, Extension Specialist in Animal Husbandry, in the Extension Service in Agriculture and Home Economics, beginning December 15, 1936, and continuing through August 31, 1937, at a cash compensation at the rate of two hundred twenty-five dollars (\$225) a month. (October 30, 1936)

Seely, Mary Louise, Cataloger in the Library, on three-fourths time, for ten months beginning November 1, 1936, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes her previous appointment). (October 31, 1936)

Stiritz, Frances May, University Junior Stenographer in the Office of the Dean of Women, for ten months beginning November 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (October 30, 1936)

Wall, John William, Assistant in Laryngology, Rhinology, and Otology, in the College of Medicine, beginning November 15, 1936, and continuing until September 1, 1937, without salary. (November 7, 1936)

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

December 15, 1936



The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Tuesday, December 15, 1936.

When the Board convened, the following members were present: President Karraker, Mr. Barrett, Mrs. Freeman, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Professor Lloyd Morey, Comptroller, Mr. A. J. Janata, Assistant to the President, and, during part of the day, Judge Sveinbjorn Johnson, University Counsel.

Since there was no quorum, the Board took a recess.

MEETING OF THE EXECUTIVE COMMITTEE

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Tuesday, December 15, 1936, during a recess in the meeting of the Board held on the same day.

Mr. O. M. Karraker, Chairman, and Mr. E. E. Barrett, member, of the Executive Committee, were present; also Mrs. Nellie V. Freeman, Mrs. Marie C. Plumb, and Mr. H. A. Pogue, members of the Board, and President A. C. Willard, Professor Lloyd Morey, and Mr. A. J. Janata.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Executive Committee considered the following matters presented by the President of the University.

SALARY FOR DR. MAJOR H. WORTHINGTON AS SUPERINTENDENT OF THE DISPENSARY IN THE COLLEGE OF MEDICINE

(1) On September 1, 1935, Dr. Major H. Worthington, Managing Officer of the Research and Educational Hospitals, was appointed Superintendent of the College of Medicine Dispensary on one-half time, without salary. The Director of the State Department of Public Welfare agreed to this arrangement for the current fiscal biennium, with the understanding that at a later time the University would pay a part of his salary.

The Director has proposed, and the Dean of the College of Medicine recommends, that beginning September 1, 1937, Doctor Worthington be appointed Superintendent of the Dispensary, on one-half time, at a salary of \$2,500 a year. The Department of Public Welfare will also pay him a salary of \$2,500 for his services as Managing Officer of the Research and Educational Hospitals.

I concur in these recommendations.

On motion of Mr. Barrett, this appointment was made as recommended.

LEAVES OF ABSENCE

(2) A recommendation that the following members of the staff be granted leaves of absence for the periods and under the conditions indicated in each case:

1. Professor F. W. DeWolf, Head of the Department of Geology and Geography, sick leave for two months from December 1, 1936, with pay, but with such deduction from his salary as may be necessary during the period of his absence to provide for his work without additional expense to the University.

2. Dr. Howard Zeitlin, Instructor in Psychiatry, one year from September 1, 1936, on account of illness. Doctor Zeitlin is on the clinical staff and receives no salary.

3. Dr. Marie McVey, Resident in the Division of Anaesthesia, the month of December, without pay, on account of illness.

4. Dr. E. Muriel Poggi, Associate in Geography, an extension of sick leave on one-half pay for the remainder of the academic year. Miss Poggi was previously granted leave of absence on one-half pay for the first semester, and she now finds it will be impossible for her to return at the beginning of the second semester.

5. Professor Olive C. Hazlett, of the Department of Mathematics, sick leave from December 1, 1936, to August 31, 1937, with pay, with the provision that any additional expense to the University due to this leave will be deducted from her salary. Most, if not all, of her work will be taken care of by the Department without additional expense.

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

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

O. M. KARRAKER, *Chairman*
E. E. BARRETT

SECOND SESSION, DECEMBER 15, 1936

When the Board convened after the recess taken on December 15, 1936, the same persons were present as during the first session, and also Mr. Mayer.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of November 21, 1936.

On motion of Mr. Barrett, the minutes were approved as printed on pages 113 to 124 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LAPSING OF BALANCES IN THE GENERAL RESERVE FUND

(1) The action of the Board of Trustees in approving the budget for each year provides that "when appointments are made at salary rates less than the amounts provided in the budget, the unused balance will lapse at that time." Accordingly, balances in the salaries budgets of the various departments of the University due to positions not filled during the first semester, 1936-1937, or to appointments at salaries less than the budgetary provisions, totaling \$28,619, are lapsing during the first half of the current academic year and will go into the General Reserve Fund. Lists of these items are being given to the Secretary of the Board and the Comptroller for record.

This report was received for record.

APPROPRIATION FOR ELECTRICAL STANDBY SERVICE AT MCKINLEY HOSPITAL

(2) A recommendation that an assignment of \$3,800 be made from the General Reserve Fund for a conduit and the extension of the Illinois Power and Light Corporation's cable to the McKinley Hospital to provide electrical standby service in that building. It is important to provide this for emergency service, particularly in this building, in case of failure of the University's power service.

On motion of Mr. Barrett, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR BUREAU OF INSTITUTIONAL RESEARCH

(3) A recommendation that an assignment of \$600 be made from the General Reserve Fund to the Bureau of Institutional Research for traveling expenses during the current academic year to enable the Director to visit a number of institutions to secure first-hand information for his study of trends in educational developments.

On motion of Mrs. Freeman, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION TO PHYSICAL PLANT DEPARTMENT FOR MINOR IMPROVEMENTS

(4) A recommendation that an assignment of \$2,000 be made from the General Reserve Fund to the Physical Plant Department for minor improvements. This is to supplement an assignment of \$5,000 made on September 30 which has been practically exhausted.

It is necessary to have such a fund for capital improvements to provide for small items which come up from time to time.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR RECREATIONAL FACILITIES IN CHICAGO DEPARTMENTS

(5) A recommendation that an appropriation of \$300, or so much thereof as may be necessary, be made for the recreational program in the Chicago departments which has been authorized by the Board of Trustees. Provision has already been made for the salary of a part-time supervisor, but there are certain miscellaneous items of expense, such as rental of gymnasium and swimming pool facilities for certain periods of the year, and equipment.

The Athletic Association has contributed \$50 for the purchase of equipment, but more will be needed, particularly in the spring.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR PATENTS COMMITTEE

(6) A recommendation that an additional assignment of \$300 be made from the General Reserve Fund to the Faculty Committee on Patents to cover the expenses of its investigations and other work during the current fiscal year. The volume of patent business has greatly increased this year, so that the funds previously appropriated for 1936-1937 for this work (\$1,000) have been practically used up.

On motion of Mr. Barrett, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR LEASE OF MEDICAL AND DENTAL BUILDING

(7) A recommendation that a supplementary assignment of \$200 be made from the General Reserve Fund for payments due during the current fiscal year under the lease agreement with the University of Illinois Foundation for the second unit of the Medical and Dental College Laboratories Building. On July 10, 1936, when the Board assigned \$43,000 for this purpose the exact details of the payments were not known. It is now known that \$43,200 will be required.

On motion of Mrs. Freeman, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

APPROPRIATION FOR DEATH BENEFITS

(8) A recommendation from the Comptroller that an assignment of \$5,000 be made from the General Reserve Fund to supplement the provision of \$10,000 in the budget of the current fiscal year, for the payment of death benefits. Claims paid and due thus far exceed the present appropriation by over \$2,000, and the Comptroller suggests that provision be made for any future claims during the balance of the year.

On motion of Mr. Pogue, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

**APPROPRIATION FOR GRADUATE SCHOLARSHIPS
AND FELLOWSHIPS**

(9) A request from the Dean of the Graduate School that a fund of \$50,000 be set aside for scholarships and fellowships in the Graduate School for the year 1937-1938 and that the awards be made on the same basis as was approved by the Board of Trustees for the current year with the exception that the service requirement of these appointments be discontinued.

This is the annual amount authorized by the Board for graduate scholarships and fellowships in approving the budget for the biennium 1937-1939. All universities offering graduate scholarships and fellowships make their appointments for any given academic year in the spring of the preceding year. Consequently, it is necessary for the Graduate School to know in advance how many scholarships and fellowships it may award, and it has been the practice of the Board of Trustees for many years to assign the funds for this purpose several months in advance of the appointments.

On motion of Mr. Pogue, the President of the University was authorized to proceed with the appointment of graduate scholars and fellows for the academic year beginning September 1, 1937, under the conditions recommended, in accordance with the amount included in the preliminary budget for 1937-1939, the item to be included in the budget for 1937-1938 and the appropriation for this purpose to be made when the money is available for the next biennium.

BUDGET OF COLLEGE OF EDUCATION FOR 1937-1938

(11) The College of Education is seriously understaffed, and the new demands being made upon it to provide extramural instruction have created an emergency which necessitates early additions to the faculty. The fees received from students in extramural courses will make this extramural program largely, if not entirely, self-supporting, but this income goes into the General Reserve Fund, and not to the College of Education.

The budget for 1937-1939, as authorized by the Board of Trustees, includes provision for additions to the staff of the College of Education, but certain commitments must be made at this time. It is therefore recommended that the Board authorize at this time the addition of two new positions to the staff of the College of Education at approximately \$4,500 a year each, and the increase of the salary provision for an existing position, which has not been permanently filled, from \$3,200 to \$4,500. This will require a total of \$10,300, but it is estimated that approximately \$3,900 will be received by the University from fees charged in the extramural graduate courses in Education, making a net commitment of \$6,400 in new funds. At least this amount would be needed by the College of Education to provide adequately for residence instruction regardless of the extramural program.

On motion of Mrs. Plumb, the President of the University was authorized to make these appointments for the academic year beginning September 1, 1937, the item to be included in the budget for 1937-1938 and the appropriation for this purpose to be made when the money is available for the next biennium.

ADJUSTMENTS IN THE BUDGET OF THE ATHLETIC ASSOCIATION

(12) A report that the Board of Directors of the Athletic Association has made the following assignments from the Reserve Fund of the Association:

1. To the University of Illinois Foundation, as a contribution to the expenses of the campaign to raise funds for a Student Center Building \$1 000
2. For purchase of uniforms for Ice Skating Rink guards..... 150
3. For five sports (swimming, gymnastics, wrestling, golf, and tennis):

Equipment.....	\$ 500	
Travel.....	<u>1 300</u>	<u>1 800</u>
		\$2 950

This report was received for record.

APPROPRIATION FOR DEPARTMENT OF DAIRY HUSBANDRY

(13) A recommendation that an assignment of \$1,050 be made from the General Reserve Fund to the Department of Dairy Husbandry for wages, to supplement the appropriation for the current fiscal year, so that the Department can place its milkers on a six-day schedule, instead of the present seven-day-a-week schedule, effective January 1, 1937. Provision for this has been made in the budget submitted by the College of Agriculture and the Agricultural Experiment Station for the next biennium, but it is desirable to make the change effective January 1, instead of July 1, 1937, for the reasons stated in a letter from the Dean and Director which is submitted herewith and which is being given to the Secretary of the Board for record.

On motion of Mr. Barrett, this appropriation was made as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

GRADUATION WITH HONORS IN COLLEGE OF LIBERAL ARTS AND SCIENCES

(14) The University Senate recommends that the Board of Trustees approve the following plan of graduation with honors from the College of Liberal Arts and Sciences recommended by the faculty of that College:

Graduation with Honors

1. The honors to be awarded at graduation to superior students who do not elect tutorial work shall be designated as Honors, High Honors, and Highest Honors.

2. They shall be awarded and graded according to the following rules:

a. All candidates for honors must present an acceptable thesis or pass a comprehensive examination based on a course of study approved by the department of specialization or another competent body. The thesis course or special course of study shall carry credit for not less than four semester hours.

b. For the degree with Honors, the student must be recommended for Honors by his department of specialization, and have earned an average of 4.0 in all courses counted toward graduation from this College.

c. For the degree with High Honors, a student must be recommended for High Honors by his department, and have earned an average of 4.25 in all courses counted toward graduation from this College. The thesis or comprehensive examination must give evidence of unusual ability.

d. For the degree with Highest Honors, a student must be recommended for Highest Honors by his department, and have earned an average of 4.5 in all courses counted toward graduation from this College.

3. For graduation with honors, the notation on the diploma shall read: Honors in ———; High Honors in ———; Highest Honors in ———. (The name of the student's subject or subjects of specialization will ordinarily be added.)

4. A Committee on Graduation Honors shall be nominated by the Executive Committee and elected by the Faculty of the College, and shall recommend students for graduation with such honors.

5. These regulations for graduation with honors shall take effect on and after September 1, 1937; and until then the present plan of University honors shall apply to all students not in tutorial work.

Graduation with Honors in Tutorial Work

1. The honors to be awarded at graduation to superior students on completion of their tutorial work shall be designated as Tutorial Honors, High Tutorial Honors, and Highest Tutorial Honors.

2. They shall be awarded and graded solely on the basis of the general examination given at the close of the tutorial course.

3. For graduation with honors in tutorial work, the notation on the diploma shall read: Tutorial Honors (in —); High Tutorial Honors (in —); Highest Tutorial Honors (in —). (The name of the student's subject or subjects of specialization may be added.)

4. Such honors shall be recommended by the Committee on Tutorial Work.

5. These regulations for graduation with honors in tutorial work shall take effect on and after September 1, 1936.

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

REQUIREMENTS FOR ADMISSION TO COLLEGE OF PHARMACY

(15) On recommendation of the faculty of the College of Pharmacy, the University Senate recommends that the Board of Trustees approve the following slight changes in the requirements for admission to that College, effective immediately:

1. Change the present pre-pharmacy requirement of five hours of mathematics, including algebra and trigonometry, to three hours of algebra.

2. Authorize the Dean and the Registrar to waive the requirement in mathematics for one semester under the following conditions: (a) if the candidate has a general scholastic average of at least 3.5; and (b) if the candidate carries, along with his first semester's work in the College of Pharmacy, three hours of algebra in some recognized college or university. It is understood that the candidate's continuation beyond the first semester in the College of Pharmacy is conditioned on his passing the course in algebra.

3. Add trigonometry to the recommended elective subjects of the pre-pharmacy year.

On motion of Mr. Pogue, these changes were approved as recommended.

CHANGE IN REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF COMMERCE

(16) On recommendation of the faculty of the College of Commerce and Business Administration, the University Senate recommends the following slight change in requirements for admission to that College, effective immediately:

1. That the special requirements for admission to the College of Commerce be the same for all curricula, namely, English, 3 units; Algebra, 1 unit; Plane Geometry, 1 unit. (The present special requirements of Advanced Algebra and Solid Geometry for the curriculum in Industrial Administration are discontinued.)

2. That it be stipulated in the published statement of entrance requirements that students in the curriculum in Industrial Administration who select an option which includes Descriptive Geometry (G.E.D. 2) must have credit for Solid Geometry. If this subject is not presented as entrance credit, the Dean of the College will require the student to remove the deficiency through entrance examination or by completing the course in the regular classes of an accredited high school.

On motion of Mrs. Freeman, these changes were approved as recommended.

CURRICULUM IN INDUSTRIAL DESIGN

(17) The University Senate recommends that the Board of Trustees approve the following curriculum in Industrial Design to be offered by the College of Fine and Applied Arts, which has been proposed by the faculty of the College to meet a demand for well-trained persons. Existing curricula do not offer the kind of training that an artist seeking employment in industry should have.

First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Art 25, Art Form.....	5	Art 26, Art Form.....	5
Arch. 71, Elements of Arch....	3	Arch. 72, Elements of Arch....	3
Rhetoric 1.....	3	Rhetoric 2.....	3
Language.....	4	Language.....	4
Physical Education.....	1/2-1	Physical Education.....	1/2-1
Military.....	1	Military.....	1
Hygiene.....	2		
<i>Total</i>	18-18½	<i>Total</i>	16-16½

Second Year

Art 11, History of Fine Arts..	2	Art 12, History of Fine Arts... 2
Art 27, Life Drawing.....	5	Art 28, Life Drawing..... 5
Art 32a, Composition.....	2	Art 32b, Composition..... 2
Art 41a, Still Life.....	2	Art 41b, Still Life..... 2
Physical Education.....	1/2-1	Physical Education..... 1/2-1
Military.....	1	Military..... 1
Elective.....	4	Elective..... 4
<i>Total</i>	16-16½	<i>Total</i> 16-16½

Third Year

Patterns and Lettering.....	4	Patterns and Lettering..... 4
Materials and Techniques.....	4	Materials and Techniques..... 4
Elementary Industrial Design..	4	Elementary Industrial Design.. 4
Art 51a, Advanced Modeling..	2	Art 51b, Advanced Modeling.. 2
Elective.....	2	Elective..... 2
<i>Total</i>	16	<i>Total</i> 16

Fourth Year

History of Art in Industry....	2	History of Art in Industry.... 2
Advanced Indus.Design (Prac.)	5	Advanced Indus.Design (Prac.) 5
B.O.O. 2, Marketing, etc.....	3	B.O.O. 8, Advertising..... 3
Econ. 2, Elements of Econ....	3	Elective..... 5
Elective.....	2	
<i>Total</i>	15	<i>Total</i> 15

I recommend that this curriculum be authorized, effective September 1, 1937, on condition that the College of Fine and Applied Arts is able to offer it within the limitations of its budget as finally set up for 1937-1938.

On motion of Mr. Mayer, this curriculum was approved as recommended, subject to the condition proposed by the President of the University.

EXTENSION OF TIME FOR COMPLETION OF MEDICAL AND DENTAL BUILDING

(18) It is necessary to request the Federal Emergency Administration of Public Works to grant an extension of time for the completion of the second unit of the Medical and Dental College Laboratories Building. A resolution requesting such extension must be adopted by the Board to comply with the Federal regulations. The following is offered:

Whereas, It has become clear that the Medical and Dental College Building in process of erection as Illinois Public Works Administration Project #1057

cannot be completed on or before December 15, 1936, in conformity with the stipulations in the contract with the United States, acting through the Federal Emergency Administration of Public Works, for the following reasons which have been prepared by the contractors, and which have been checked by us and found to be substantially correct:

"(1) The unusual and extremely low temperature during January and February, 1936, delayed our progress five weeks. The actual average temperature for Jan. was 19 degrees. Normal 24 degrees. The actual average temperature for Feb. was 15 degrees. Normal 26 degrees. The actual average temperature for 30 days Jan. 17 to Feb. 17 was 6.2 degrees.

"(2) A strike at the Matthews Brothers quarries located at Bloomington, Indiana, delayed the delivery of the cut stone from May 21 to June 17, or four weeks. This strike was called on May 1 and settled on May 28, 1936.

"(3) Jurisdictional strike on the job between laborers and derrickmen over stone work caused a delay of two weeks. Time lost: July 2, 1936, 1 day; July 3, 1936, 1 day; July 7 and 8, 2 days; July 14 to 23, inc., 10 days.

"(4) Delay caused by change orders and the time required for their acceptance. This held up the mechanical and other work on the various floors and has delayed us for four weeks. We attach a list of change orders showing dates of submission and final approval.

"(5) The steel sash selected over our recommendations are fabricated by a manufacturer with inadequate capacity. This has caused, and still is causing, delay in the enclosure of the building. The estimated amount of this delay will be at least eight weeks. The lathers refused to work in the building after November 1, due to the building not having sash and glass, and are still unable to proceed.

"(6) A delay of approximately four weeks was caused by slowing up of the work and letting of subcontracts due to the fact that the University did not receive funds allocated by the P.W.A. in time to pay certificates in accordance with contract requirements. We were notified of these financial conditions on February 7, 1936. This matter was not definitely cleaned up until May 15, 1936. Our certificates for March and April were not paid until May 26, 1936.

"(7) The extension of time requested is nineteen weeks. The delays claimed total twenty-seven weeks.

"(8) In consideration of the granting of the extension of the time for completion of this project as requested in this letter, we agree to relinquish any claims we may have against the University of Illinois for damages or additional compensation that may be due to the delays detailed above."

Now therefore be it resolved, by the Board of Trustees of the University of Illinois, that we agree to the request of the contractors for an extension of time from December 15, 1936, to May 1, 1937.

Be it further resolved, that we hereby request of and recommend to the United States, acting through the Federal Emergency Administration of Public Works, that an extension of time be granted for the completion of the above described project from December 15, 1936, to May 1, 1937.

On motion of Mrs. Plumb, the resolution was adopted as recommended, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

On motion of Mr. Pogue, the applications of six contractors, J. W. Snyder Company, Robert Gordon, Inc., Heating and Temperature Control Work; Divane Bros., Electrical Wiring Work; Houghton Elevator and Machine Co., Elevator Equipment Work; O'Callaghan Bros., Plumbing Work; and Bloomer Heating and Ventilating Company, Ventilating Work, for extension of time were approved, subject to the approval of the Physical Plant Department, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(19) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

I. General Contract

Change Order No. 19 (Driveway No. 110)

Omit 12 pieces of cut stone panels each 1' 4¼" wide by 1' 2¾" high 4" thick (6 on west and 6 on east side)

Omit 4 panels of face brick, same sizes as cut stone panels (2 on west and 2 on east side)

Place 16 mosaic plaques each 1' 4¼" wide by 1' 3" high approximately 1" thick (8 on west and 8 on east side). Provide necessary common brick backing. Plaques will be furnished by owner.

No extension of time required.

II. Plumbing Contract

Change Order No. 15

For omission of setting of Steel I Beams under house tanks, deduct.. \$9 75

For omitting the eleven aluminum drinking fountains as specified and substituting the following:

Crane Company china drinking fountains #C9055 in basement and sixth to tenth floors, inclusive.

Nickel Silver fountain of design indicated on our drawing 22-M on the first floor only.

Anodic finish aluminum fountains of design indicated on our drawing 22-M on the second to fifth floors, inclusive.

Vitreous China fountains to be of color to match terra cotta. Color to be selected by Architects from Crane color chart.

No change in contract price.

On motion of Mrs. Freeman, the resolution was adopted as recommended.

LEGISLATION TO CREATE UNIVERSITY OF ILLINOIS BUILDING COMMISSION

(20) In order to issue bonds for the construction of a Student Center, or Union Building, which will be acceptable to investment bankers and thus find a ready market, it will be necessary to secure certain enabling legislation from the General Assembly of Illinois.

The University Counsel has prepared a draft of a bill to create "The University of Illinois Building Commission," a public corporation which would have authority to acquire property, enter into contracts, issue bonds, and perform such other acts as may be appropriate and necessary in discharging its functions.

This bill is submitted to the Board for its consideration and instructions as to policy to be followed in the matter of a bond issue for the Student Center Project.

Judge Johnson commented on the details of this bill as drafted.

On motion of Mr. Barrett, the President of the University was authorized to sponsor such legislation, limited for the present to include a Union Building and Dormitories, and subject to the further limitation that the period of amortization for any building shall not exceed twenty years.

ALLOCATION OF STATE REVENUES

At this point, President Karraker presented the following report.

December 14, 1936

To the Board of Trustees:

The special committee appointed to consider sources of state revenue for the University with particular reference to the University mill tax fund, submits this report:

A property tax of one-third mill for the University is authorized under an Act passed in 1911. In lieu of this tax, an amount equivalent to such a levy on present property valuation is set aside from the Retailers Occupational Tax under an amendment to the State Finance Act passed in 1935.

From 1912 to 1928 the average annual revenue from the property tax levy was \$2,438,000. The amount now allocated to the fund in lieu of a property tax is \$157,000 per month, or \$1,884,000 per year.

The Committee feels that the assessed valuation of property in the state is no longer a suitable basis for a stable revenue for the University and should be abandoned. It suggests also that the University should endeavor to secure a definite source of revenue which would cover its needs from year to year for all current operation, leaving only capital items to be provided for out of the general revenue of the State.

All other special funds for which separate property taxes were formerly levied, have been adjusted to meet increased needs, and are made a prior claim on the Retailers Occupational Tax receipts to the extent of these needs. The University fund is the only one in which such an adjustment has not been made.

The plan followed in the State Distributive School Fund, whereby one twelfth of the total appropriation to the Fund for each year is transferred monthly to it, seems to the Committee to be the best arrangement.

Accordingly, the Committee recommends:

1. That the University Counsel be directed to prepare an amendment to the State Finance Act providing that there shall be transferred to the University of Illinois Fund monthly, out of the Occupational Tax Fund, one twelfth of the amount appropriated for that year from the University of Illinois Fund.

2. That the President of the University be authorized to secure the introduction of a bill covering such an amendment.

3. That in the event of the passage of that bill all appropriations to be requested from the State from tax revenues other than for capital additions to be made payable from the University of Illinois Fund.

O. M. KARRAKER, *Chairman*

On motion of Mr. Barrett, this report was accepted and the special committee was discharged, and the President of the University was authorized to sponsor the legislation necessary to make effective the recommendations of the committee.

FINANCING OF RETIRING ALLOWANCE SYSTEM

At this point, President Karraker brought up the matter of the study of methods and means of providing the necessary financial support for the system of retiring allowances.

On motion of Mr. Mayer, the President of the University was authorized to sponsor legislation to provide for recognition of the system of retiring allowances on the present pay-as-you-go basis, and the Finance Committee was requested to continue its study of the details of the system.

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

REPORT ON STATUS OF NATURAL RESOURCES BUILDING FOR STATE SURVEYS

(21) The Federal Emergency Administration of Public Works has approved a grant of \$245,000 for a Natural Resources Building for the State Geological and Natural History Surveys. This is on the basis of a grant of 45 per cent by the Government, the applicant (in this case the State of Illinois) to supply the balance, or approximately \$300,000, making the total cost of the building approximately \$545,000.

This report was received for record.

BUILDING FOR SCHOOL OF JOURNALISM

(22) The following report was submitted to the Illinois Press Association at its meeting held at the University on November 12-14, 1936, by its building committee:

REPORT OF THE BUILDING COMMITTEE OF THE ILLINOIS PRESS ASSOCIATION

A report of our acts and doings was submitted to and approved by the Association at the meeting held in April of this year. We invite your attention to the concluding paragraph of that report, which is as follows:

"That marked a temporary conclusion of our efforts to secure funds. It is only fair to say that President Willard and the Board of Trustees have co-operated cordially and sincerely with us in our efforts. The next step is to secure an appropriation from the General Assembly which will convene next January. To that end we shall ask the University authorities to incorporate in their appropriation bill an amount sufficient to construct and equip the Journalism Building. That, we feel, will be cheerfully done. Then, next, to appeal to the members of the General Assembly for approval. In these endeavors we ask the active support of every member of this Association."

Since that time there has been no meeting of the committee and very little activity in behalf of our undertaking. It seemed wise to us to let the matter rest until the November meeting of the Association. We believe that now our cause should be energetically pressed; first, before the Board of Trustees, and, secondly, before the General Assembly.

All of which is respectfully submitted this fourteenth day of November, 1936.

J. E. McCLURE, *Chairman*

W. J. SMITH

M. F. WALSH

C. S. CONGER

H. C. BAILEY

JOHN M. SHEETS

PRESTON GRANTON

HERSCHEL J. BLAZER

H. L. WILLIAMSON

C. R. BENSON

November 14, 1936

The University has received no official notice or resolution from the Association recently, but the report and recommendation of this committee is being brought to the attention of the Board for its information.

This report was received for record.

BONEYARD IMPROVEMENT AS A PROJECT OF THE WORKS PROGRESS ADMINISTRATION

(23) As previously reported to the Board (Minutes, September 28, 1935, page 400), the cities of Champaign and Urbana were interested in securing the co-operation of the University in the improvement of the Boneyard as a project of the Works Progress Administration. The City of Champaign is still interested in this improvement and has asked if the University will cooperate in the project. The Director of the Physical Plant Department has submitted information on the cost of this work, as estimated at the time the project was first presented to the Board a little over a year ago. The matter is presented to the Board for confirmation or modification of its previous attitude in this matter.

The Board did not modify its previous action on this matter.

PURCHASES RECOMMENDED

(24) A recommendation that the following purchases be authorized:

- 25 No. 16711 Simmons hospital beds—Ivory finish
- 25 No. 15002 Simmons hospital beds—Brown finish
- 50 No. 15000 Simmons hospital beds—Brown finish

for the McKinley Hospital from C. A. Kiler, Champaign, at a total cost of \$2,381.25 f.o.b. Urbana. An appropriation for this equipment was made by the Board of Trustees at the last meeting.

On motion of Mr. Barrett, this purchase was authorized.

REPORT OF DEATH BENEFIT PAID

(25) The Comptroller has been authorized to pay the death benefit of \$1,500 due in the case of Judge O. A. Harker, Professor of Law, *Emeritus*, in accordance with the University Statutes and the terms of his employment. Judge Harker was in the service of the University from September, 1897, to September 1, 1926, at which time he was retired.

This report was received for record.

RESOLUTION ON THE DEATH OF JUDGE OLIVER ALBERT HARKER

At this point, Mr. Barrett offered the following resolution:

The Board of Trustees of the University of Illinois record with profound sorrow the death on December 3, 1936, of Judge Oliver Albert Harker, a former member of the Board and for many years one of the distinguished members of the University Faculty.

Judge Harker's life was a long career of public service. He was born on December 14, 1844, in Fountain City, Indiana. He was a student at Wheaton College for two years, then served in the War between the States, and completed his education at McKendree College. He taught school and practiced law in southern Illinois for a number of years. In 1878 he was appointed Circuit Judge by the Governor of Illinois and later elected and re-elected to the same office, which he held for many years. He also served as Judge of the Appellate Court of Illinois. From 1897 until 1926 he served as a member of the Faculty of the University of Illinois, from 1897 to 1903 as Lecturer in the College of Law, from 1903 to 1916 as Dean, and for ten years thereafter as University Counsel. From 1890 to 1891 he also served as a member of the Board of Trustees. In 1926 he retired from active service.

The Board of Trustees is mindful not only of Judge Harker's many years of distinguished service but of his other manifestations of interest in the welfare of the University which was second only to his family in his affection. After his retirement he was always ready to assist and advise students in the College of Law, offering voluntarily an elective course in legal ethics until his advancing years made it necessary for him to discontinue this labor of love. He has permanently endowed two annual cash prizes for juniors and seniors in the College of Law to stimulate scholarship. He was the author of many legal works. His was indeed a long and fruitful life of public service.

In recording this tribute to the memory of this fine gentleman and former member, the Board of Trustees directs the Secretary to send a copy of this message to the members of Judge Harker's family as an expression of the sorrow of the Board and its sympathy with them in the loss which they have sustained.

On motion of Mr. Barrett, this resolution was unanimously adopted.

INVESTMENTS OF ENDOWMENT FUNDS

(26) The Comptroller submits the following report of sales and purchases of securities representing investments of University endowment funds which have been made in accordance with the authorization of the Board.

Sales

\$8,000 par Illinois Highway 4%, due 1953 at 121.78. This represents a profit of \$1,470.82 over book value which has been carried to the account for reserve for gains and losses on group investments.

Purchases

For group investments:

\$5,000 Pacific Gas & Electric Co. 1st and refunding, series I, 3½%, 1966 at 103¾.

\$8,500 United States Treasury 4%, 1954-44 at 115²⁸/₃₂.

\$5,000 California Water Service Co. 1st mortgage, series B, 4%, 1961 at 105¼.

\$5,000 Wisconsin Power & Light Co. 1st 4%, 1966 at 102½.

\$6,000 Cumberland County Power & Light Co. first 3½%, 1966 at 103.

For the Kate Neal Kinley Endowment Fund:

\$2,000 New England Power Co. 3¼%, 1961 at 104.

With these transactions practically all cash of our endowment funds is invested.

This report was received for record.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(27) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER
NOVEMBER 14, 1936, TO DECEMBER 10, 1936

The Illinois State Board for Vocational Education to pay fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
Abraham Sandor	Medicine	Year 1936-37	October 23, 1936
John C. Hines	Extension courses	Year 1936-37	November 16, 1936

Renewal of lease originally approved by Board of Trustees in meeting of September 28, 1935 (Minutes, page 405):

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by University</i>	<i>Date</i>
Mrs. George Brownfield	Rental of Brownfield Woods	\$135 00	October 15, 1936
Loretta Brownfield	for year ending October 15,		
I. D. Brownfield	1936, with provision for		
George Brownfield	extension		

Cooperative agreement as approved by Board of Trustees in meeting of October 26, 1936 (Minutes, page 82):

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by University</i>	<i>Date</i>
Champaign County Milk Producers Association	Investigation for sampling and testing milk	\$250 00	November 7, 1936

Contract as authorized by Board of Trustees in meeting of October 26, 1936 (Minutes, page 87):

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by University</i>	<i>Date</i>
Gilbert and Barker Manufacturing Company	Heating work for College of Agriculture Scale House	\$1 055 00	October 9, 1936

Minor contracts executed under general regulations of Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by University</i>	<i>Date</i>
Brinks, Incorporated	Agreement covering delivery of money and securities from Chicago Departments to First National Bank of Chicago	\$186 00 per year	October 28, 1936
McKibben and Hensen	Agreement covering sale of house to be removed from Nally property	\$100 00	November 25, 1936

This report was received for record.

BURGLARY IN COLLEGE OF DENTISTRY

(28) A report that the safe in the College of Dentistry was burglarized on Sunday night, December 13, 1936. The loss (covered by insurance) was \$3,951.22.

This report was received for record.

APPLICATIONS FOR BRITISH PATENTS

(29) A report from the Secretary of the Board that he has received from Brown, Jackson, Boettcher, and Dienner, notice of the filing of applications in the British Patent Office on Nov. 11, 1936, for the following patents:

1. Removal of sulfur dioxide from waste gases, No. 30,843 Great Britain Case 1, based on H. F. Johnstone U. S. Case 6, Serial No. 55,713.
2. Removal of sulfur dioxide from waste gases, No. 20,844 Great Britain Case 2, based on H. F. Johnstone Case 7, Serial No. 56,433.

This report was received for record.

COURSE IN PUBLIC HEALTH AT THE COLLEGE OF MEDICINE

(30) Certain members of the Junior Class of the College of Medicine have presented to the Dean of that College the following petition, copies of which were also sent to members of the Board of Trustees:

"We, the undersigned, do hereby respectfully petition the institution of sufficient courses in Public Health at the University of Illinois, College of Medicine, to make possible the acquisition of Certificates as Public Health Officers in the State of Illinois.

"And we do further beg the early consideration of this matter in order that the present Junior Class may have an opportunity to participate in the work."

I recommend that this matter be referred to the faculty of the College of Medicine, and to the University Senate if it involves questions of educational policy or changes in the requirements for graduation, for consideration and recommendation as provided in the University Statutes.

The President of the University was authorized to refer this matter to the faculty as recommended.

REQUEST FOR POST-GRADUATE INSTRUCTION IN PUBLIC HEALTH AND PREVENTIVE MEDICINE

(31) The following resolution from the Conference of Illinois Health Officers and Nurses:

"To the Honorable Frank J. Jirka, M.D., Director of the State Department of Public Health:

"The members of the Conference of Illinois Health Officers and Nurses respectfully make the following request.

"Whereas, the demand for trained medical public health officers is rapidly increasing in Illinois and will continue to increase in the future.

"Whereas, as this time there are no courses or facilities offered by any University in Illinois in Public Health for physicians.

"Whereas, it is now necessary for us to go to Institutions of Higher Education in other states to obtain the necessary training to qualify for Medical Public Health Officers.

"Resolved, that we recommend to the Director of the State Department of Public Health that he request the President of the University of Illinois to organize and offer to us such post-graduate instruction in Public Health and Preventive Medicine Practice as to allow us as citizens and licensed physicians in this State to properly qualify for such positions on your staff."

Under the statutes and the customary procedure, this resolution has been referred to the Dean and the faculty of the College of Medicine for their recommendation.

This report was received for record.

MODIFICATION OF AGREEMENT WITH DEPARTMENT OF PUBLIC WELFARE RELATING TO THE OPERATION OF THE RESEARCH AND EDUCATIONAL HOSPITALS

(32) At its meeting on September 30, 1936 (Minutes, page 38), the Board authorized an amendment of the agreement with the Department of Public Wel-

fare for the operation of the research and educational hospitals by the approval of a resolution, adopted by the joint committee of the University and the Department on the management of the hospitals interpreting this agreement in such a way that the Department could qualify to receive Federal aid for the Surgical Institute for Crippled Children.

This resolution has since been amended, at the request of Federal authorities, by the addition of the words "transfer and discharge" in the following sentence: ". . . that the admittance, *transfer, and discharge* of patients to the Surgical Institute for Crippled Children shall be controlled by the Department of Public Welfare."

On motion of Mrs. Plumb, this change was approved.

REQUEST OF STATE DEPARTMENT OF PUBLIC HEALTH FOR SPACE IN THE MEDICAL AND DENTAL BUILDING

(33) A report on this request was submitted at the last meeting (Minutes, page 122) for the information of the Board, and the President of the University was asked to send copies of it to all members of the Board with the understanding that the matter was to be made a special order of business at the next meeting of the Board.

On motion of Mr. Barrett, this matter was made a special order of business for the January meeting of the Board, and President Karkaker, Mr. Pogue (with Mr. Mayer as alternate), and Mrs. Plumb were appointed a special committee to discuss the matter with Governor Horner and Dr. Jirka and to report at the January meeting of the Board.

ILLINOIS BANKERS ASSOCIATION SCHOLARSHIP AND FELLOWSHIP

(34) The Illinois Bankers Association offers the University a scholarship of the value of \$500 for the academic year 1937-1938 to be awarded to a senior student in one of the high schools of the State for the best essay or thesis on a subject relating to banking or finance, the award to be made by a joint committee of members of the faculty of the University and members of the executive committee of the Association who will act as judges in this essay contest.

The Association has also established a \$500 graduate fellowship for the current academic year, which was awarded directly by it to Mr. Kenneth L. Trefftz, a graduate student at the University. The Association now wishes to offer this fellowship to the University, and to turn over to it the balance of the stipend due Mr. Trefftz, on condition that he be permitted to hold this fellowship for the remainder of the academic year, but to receive the monthly stipend from the University.

On motion of Mr. Mayer, this scholarship and this fellowship were accepted.

CHARLES SPENCER WILLIAMSON MEMORIAL SCHOLARSHIP

(35) The faculty of the College of Medicine presents to the Board of Trustees of the University the sum of \$2,544.55, which has been raised by a special committee of that faculty for the endowment of a scholarship in the College of Medicine as a memorial to the late Dr. Charles Spencer Williamson, Professor and Head of the Department of Medicine for many years.

The committee recommends that the fund remain open so that subsequent contributions when received may be added to it. The fund is to be invested by the University according to its discretion and the income used as a scholarship, the awards to be made by the Dean of the College and the Head of the Department of Medicine to a capable and needy student in the College of Medicine with no restriction as to whether he is a graduate or undergraduate.

I recommend acceptance of this gift with the stipulation that whenever a graduate student is recommended for the scholarship the award shall be made through the Graduate School in accordance with the established procedure governing appointments to graduate scholarships and fellowships.

On motion of Mr. Pogue, this scholarship was accepted as recommended.

BEQUEST OF CHARLES A. DENISON

(36) Under the will of the late Charles A. Denison the University has received from the National Bank of Decatur two checks, representing partial payments to the extent of 35 per cent, of bequests to the University of Illinois in that will as follows:

\$3,500 "to be used for the purchase of such books on such subjects as may be designated by the Librarian in charge of the general Library of said University."

\$5,250 "to be known as the Denison Memorial Fund for Worthy Seniors."

These bequests were reported to the Board on May 21, 1927 (Minutes, page 273), and accepted by the Board on March 13, 1928 (Minutes, page 569).

The Comptroller has deposited these checks to the credit of suitable accounts as indicated by the bequest. The expenditure of \$3,500 is authorized by the action of the Board of Trustees in accepting the gift, and the conditions would be such as indicated in the will as above quoted.

This report was received for record.

On motion of Mr. Barrett, \$100 was appropriated from the General Reserve Fund to secure and install in a suitable place a memorial tablet satisfactory to the trustee of the estate, by the following vote: Aye, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Barr, Mr. Horner, Dr. Meyer, Mr. Wieland, Mr. Williams.

INVESTMENT OF LOAN FUNDS

On motion of Mr. Mayer, the Finance Committee and the Comptroller were authorized to invest a fair proportion of unused student loan funds in U. S. government bonds.

GIFTS TO THE UNIVERSITY

(37) The following report of gifts:

1. The Weston Electrical Instrument Corporation, Newark, New Jersey, to the Department of Electrical Engineering, seven electrical instruments having a total value of \$40.00.

2. Bronze plaque of the late Ralph Allen, of Delavan, presented by his family. Mr. Allen served for many years as a member of one of the Advisory Committees of the College of Agriculture and was actively interested in the development of this division of the University. The plaque will be hung in the Agriculture Library.

3. The American Cyanamid & Chemical Corporation, \$100, in addition to its previous gift, for the support of a cooperative investigation of the effect on greenhouse plants of heavy dosages of calcium cyanide for short periods of time, in fumigation for control of mealybug (citri) and thrips.

4. The Tobacco By-Products and Chemical Corporation, \$100, in addition to previous gifts for the study of insecticides.

The University of Illinois Foundation has also received the following cash gifts: from Robert F. Carr, of the Class of 1893, \$1,000, and from the Athletic Association, \$1,000. These are contributions toward the expenses of the campaign for the Student Center or Union Building.

Continuation of grants previously accepted: From the "Real Co-op," formerly the Engineering Cooperative Society, for the Engineering Student Loan Fund, 40 cents. From Professor E. J. Filbey, Treasurer of the Student Friendship Fund, for the Consolidated Loan Fund, \$9.75. These gifts represent dividends received by these organizations on claims against a closed bank in which their funds were deposited.

This report was received for record.

TRUSTEES-ELECT INVITED TO ATTEND MEETING

On motion of Mr. Mayer, the President of the Board was authorized to invite the members elected at the last election to attend the January and February meetings of the Board.

EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

On motion of Mrs. Plumb, the President of the Board was authorized to appoint a special committee to take up with Governor Horner the matter of a separate appropriation bill for equipment for the new Medical and Dental College Laboratories Building, on the ground that six months' time is required to secure the equipment for this building.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Purpose</i>	<i>Price</i>
Albert Block	November 2, 1936	2 500 tons coal	\$1 50 per ton
Ralph Cook	November 2, 1936	2 000 tons coal	1 50 per ton
Sam Gritten	November 2, 1936	3 000 tons coal	1 50 per ton
Lawrence C. Kerans	November 2, 1936	1 000 tons coal	1 50 per ton
Andrew Lincicome	November 2, 1936	500 tons coal	1 50 per ton
Washington Martin	November 2, 1936	2 000 tons coal	1 50 per ton
Arthur Zamberletti and Romeo Zamberletti (Oak- wood Coal Company)	November 2, 1936	10 000 tons coal	1 50 per ton
Shippers Fuel Corporation	November 2, 1936	10 000 tons coal	1 00 per ton f.o.b. cars at mine
T. C. Ward	November 2, 1936	3 000 tons coal	1 50 per ton

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Brodie, Allan Gibson, Professor of Orthodontia, in the College of Dentistry, on one-half time, for nine months beginning December 1, 1936, at a cash compensation at the rate of three hundred fifty-three dollars sixteen cents (\$353.16) a month (this supersedes his previous appointment). (November 30, 1936)¹

Buckley, Mary Virginia, Senior Stenographer in the Department of Psychiatry, in the College of Medicine, for nine months beginning December 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (December 4, 1936)

Colegrove, Eldon Bedwell, Assistant in Farm Management, in the Agricultural Experiment Station, for nine months beginning December 1, 1936, at a cash compensation at the rate of one thousand five hundred seventy dollars (\$1,570) a year (this supersedes his previous appointment). (December 4, 1936)

Downs, William Benham, Assistant Professor of Orthodontia, in the College of Dentistry, two half-days each week, for nine months beginning December 1, 1936, at a cash compensation at the rate of sixty-two dollars fifty cents (\$62.50) a month (this supersedes his previous appointment). (November 30, 1936)

Fisher, Mildred Aleen, Assistant to the Dean of Women, for seven months beginning February 1, 1937, subject to the rules of the Civil Service Com-

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

mission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (December 4, 1936)

Kaplan, Maurice, Assistant in Psychiatry, in the College of Medicine, for nine months beginning December 1, 1936, without salary. (December 5, 1936)

Kluge, Ralph Wendel, Special Research Associate in Theoretical and Applied Mechanics, in the Engineering Experiment Station, beginning December 1, 1936, and continuing until further notice, at a cash compensation at the rate of three thousand dollars (\$3,000) a year (this supersedes his previous appointment). (December 2, 1936)

Lyons, Daniel, Supply Attendant, in the College of Dentistry, for nine months beginning December 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (December 4, 1936)

Mrgudich, John Neil, Special Research Associate in Chemistry, for ten months beginning November 1, 1936, at a cash compensation at the rate of two thousand seven hundred dollars (\$2,700) a year (this supersedes his previous appointment). (December 10, 1936)

Powers, Walter A., University Junior Clerk in the Chicago Business Office, for nine months beginning December 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes his previous appointment). (December 2, 1936)

Predika, Stephanie Agnes, Stenographer in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for nine months beginning December 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (December 2, 1936)

Reed, Carlos Isaac, Associate Professor of Physiology, in the College of Medicine, beginning December 1, 1936, and continuing until further notice, at a cash compensation at the rate of four thousand three hundred fifty dollars (\$4,350) a year (this supersedes his previous appointment). (December 2, 1936)

Roberson, Lena B., Stenographer in the Office of the Dean of the College of Engineering, for nine months beginning December 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (December 1, 1936)

Rogosheski, Elizabeth Ruth, Assistant in Home Economics, in the College of Agriculture, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (December 14, 1936)

Shields, John Bickford, Assistant in Animal Nutrition, in the Agricultural Experiment Station, for nine months beginning December 1, 1936, at a cash compensation at the rate of two hundred dollars (\$200) a month (this supersedes his previous appointment). (December 3, 1936)

Simerl, L. H., Extension Specialist in Agricultural Marketing, in the Department of Agricultural Economics, in the Extension Service in Agriculture and Home Economics, for eight months beginning January 1, 1937, at a cash compensation at the rate of two thousand dollars (\$2,000) a year. (November 30, 1936)

Van Amerongen, Mrs. Margaret Handschin, Stenographer in the Department of Home Economics, in the College of Agriculture, for nine months beginning December 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 4, 1936)

Wagus, Jess Charles Vernon, Assistant in Romance Languages, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (December 4, 1936)

Weller, James Marvin, Assistant Professor of Geology, for two months beginning December 1, 1936, at a cash compensation at the rate of three hundred thirty-five dollars (\$335) a month. (December 2, 1936)

RESIGNATIONS AND CANCELLATIONS

The Secretary presented also for record the following list of resignations and cancellations.

Allen, Kathryn Irene, Assistant in Romance Languages—resignation effective February 1, 1937.

Anderson, Edwin I., Scholar in Economics—cancellation effective September 1, 1936.

Berman, Edward, Associate Professor of Economics, in the College of Commerce—resignation effective February 1, 1937.

Bowman, Hertha Lillie, Stenographer in the Office of the Dean of the College of Engineering—resignation effective December 1, 1936.

Fishman, Louis Zolo, Assistant in Anatomy, in the College of Medicine—resignation effective November 20, 1936.

Graff, Sarah Frances, Resident in the Division of Anaesthesia, in the College of Medicine—resignation effective January 1, 1937.

Hill, Harold Herrin, Associate in Obstetrics and Gynecology, in the College of Medicine—resignation effective December 1, 1936.

Nelson, Catherine, Assistant to the Dean of Women—resignation effective February 1, 1937.

Pickens, Louise Milliken, Associate in Home Economics, in the College of Agriculture—resignation effective February 18, 1937.

Roadstrum, Mrs. Angela Suzanne, Stenographer in the Department of Animal Husbandry, in the College of Agriculture—resignation effective January 6, 1937.

Sauer, Elmer Louis, Assistant in Farm Management, in the Agricultural Experiment Station—resignation effective November 15, 1936.

Stallings, Harris Dean, Assistant in the Order Department of the Library—resignation effective December 31, 1936.

Vanneman, Mary Elizabeth, Extension Specialist in Junior Club Work, in the Agricultural Extension Service—resignation effective January 1, 1937.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

January 29, 1937



The January meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, January 29, 1937.

When the Board convened, the following members were present: President Karraker, Mr. Barrett, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams. Mr. H. M. Adams and Mr. J. M. Cleary, members elect, were present by invitation of the Board; Mr. Moschel was unable to attend.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of December 15, 1936.

On motion of Mr. Barrett, the minutes were approved as printed on pages 125 to 144 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

COURSES IN PUBLIC HEALTH

(1) At the meeting of the Board on December 15, 1936, a report was made of two requests for new work in the College of Medicine, viz.:

1. A proposal from the students in the College of Medicine that certain new courses in Public Health be established to be open to students who are interested.
2. A proposal from the Illinois Conference of Public Health Officers and Nurses that post-graduate courses in Public Health be offered.

Information secured from Federal and State authorities concerning the requirements for various public health positions indicates that any expansion of the undergraduate curriculum in the College of Medicine to include sufficient work in Public Health to qualify graduates for positions as public health officers could not be accomplished within the limitations of either the present budget or that proposed for the next biennium. The University now offers an optional course in Public Health, limited to twenty students. It is possible that this option can be made available to a larger number.

The second proposal would require the University practically to create a School of Public Health, with a budget of considerable magnitude. Another consideration is that present training centers for public health workers will soon meet the demand for such personnel. A well-defined program of training has not yet been established and the Surgeon General of the United States is having a meeting in Washington in April to discuss this matter. In view of these considerations it would be advisable to defer further consideration of the proposal to give post-graduate work in Public Health.

On motion of Dr. Meyer, action on this matter was deferred.

APPOINTMENTS TO THE STAFF

(2) A report of the following appointments of professorial rank:

1. Professor Thomas N. Carver, of Harvard University, as Visiting Professor of Economics, for the second semester of 1936-1937 (6 months from February 1, 1937), at an annual salary rate of \$5,000.
2. Dr. Frank H. Beach, Assistant Professor of Business Organization and Operation, for the second semester of 1936-1937 (6 months from February 1, 1937), at an annual salary rate of \$2,400.

This report was received for record.

STUDY OF COAL PREPARATION PLANT

(3) A request from the Physical Plant Department for authority to employ Assistant Professor D. R. Mitchell, of the Department of Mining and Metallurgical Engineering, on studies to be made of the advisability of constructing a coal preparation plant preliminary to the studies of a new power plant, during the months of July and August, 1937, at a salary of \$300 a month in addition to the compensation he will have received for his teaching services during the year 1936-1937. The terms of Professor Mitchell's regular appointment cover the two semesters of the regular academic year beginning in September and ending in June. Consequently, his work as a member of the teaching faculty will have been completed by July 1, 1937.

On motion of Mr. Mayer, the employment of Professor Mitchell was authorized as requested.

LEAVE OF ABSENCE FOR PROFESSOR LOUISE FREER

(4) Professor Louise Freer, Head of the Department of Physical Education for Women, has been on sabbatical leave of absence with full pay during the first half of the year 1936-1937. She has requested that the terms of her leave be changed to a full year on one-half pay so that she may continue her studies at Columbia University for a full year, which she believes will be very helpful to her professionally. The amount of salary involved will be the same in either

case. She delayed submitting her application for this extension until provision could be made by the School of Physical Education for her work during her absence without additional expense to the University. I recommend approval.

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

LEAVE OF ABSENCE FOR ALFRED E. BADGER

(5) A recommendation that Mr. Alfred E. Badger, Research Associate in Ceramic Engineering, be given a leave of absence from either September 1 or October 1, 1937, for three months, with pay, to enable him to do certain research work in glass technology in the Kaiser Wilhelm Institut für Silikatforschung in Berlin, Germany. The purpose of this leave is to permit Mr. Badger to do research of the same type as he is doing at the University and the technical experience gained at Berlin will benefit him in his work at the University. Mr. Badger gives his entire time to research and does no teaching.

On motion of Dr. Meyer, this leave was granted as recommended.

LEAVE OF ABSENCE FOR PROFESSOR IVAN WRIGHT

(6) A recommendation that Professor Ivan Wright, of the Department of Economics, be given a leave of absence, without pay, for the academic year 1937-1938 to enable him to do certain research work and writing in this country and abroad. Professor Wright is not requesting a sabbatical leave because he has made other arrangements to finance his travels and writing.

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

At this point, Mr. Barr took his place with the Board.

LEAVE OF ABSENCE FOR DEAN M. T. MCCLURE

(7) On September 30, 1936, Dean M. T. McClure was granted a leave of absence from October 1 to December 31, 1936, on account of his health. It now appears that he will need more time for his recovery and I therefore recommend that his leave be extended to September 1, 1937, or until such prior time as he is able to return to his duties, under the same conditions, namely, with full pay but that any expense to the University due to his absence be deducted from his salary. During his absence the Executive Committee of the College of Liberal Arts and Sciences, Professor A. B. Coble, Acting Chairman, has administered the work of the deanship. I recommend that this arrangement be continued during Dean McClure's absence.

On motion of Mr. Barr, this extension of leave of absence was approved, and the arrangement for the administration of the College of Liberal Arts and Sciences was continued as recommended.

LEAVE OF ABSENCE FOR PROFESSOR CHARLES ZELENY

(8) Professor Charles Zeleny, Head of the Department of Zoology, has been on leave of absence on account of his health since December 10, 1935. During the balance of the first semester of 1935-1936 he was on leave with full pay; from February 1, 1936 to August 31, 1936, and from September 1, 1936, to February 1, 1937, he was on leave with full pay with a reservation that any additional expense incurred by the Department in providing for his work during his absence would be deducted from his salary.

The Executive Committee of the College of Liberal Arts and Sciences recommends that his leave of absence be continued under the same conditions until September 1, 1937, and I concur in this recommendation.

On motion of Mrs. Plumb, this leave was granted as recommended.

RESIGNATION OF PROFESSOR HARDY CROSS

(9) A report of the resignation of Dr. Hardy Cross, Professor of Structural Engineering, effective September 1, 1937.

This report was received for record.

**REQUEST OF STATE DEPARTMENT OF PUBLIC HEALTH FOR
SPACE IN THE MEDICAL AND DENTAL BUILDING**

(10) This matter has been before the Board of Trustees for several meetings, and was made a special order of business at today's meeting. A summarized statement of the request of the Department of Public Health was sent to each member of the Board of Trustees on November 25 for advance consideration, and at its meeting on December 15 the Board appointed a special committee to confer with the Governor about an alternate plan for the housing of the Department's activities in Chicago.

President Karraker reported that he had not been able to secure an audience with the Governor, that he had conferred with Dr. Jirka as a preliminary measure, and that he expected to have an opportunity to lay the matter before the Governor at an early date.

On motion of Dr. Meyer, action on this matter was deferred to a later meeting, pending further study and report by the special committee.

ADJUSTMENTS IN BUDGET

(11) By action of the Board on May 7, 1936 (Minutes, page 82), the President of the University is authorized to make such changes and adjustments in the budget as are needed.

The following adjustments have been made in the budget for 1936-1937 for the second fiscal quarter ending December 31, 1936, and are being reported for record with a recommendation that an assignment of \$14,029 be made from the General Reserve Fund to cover them:

Permanent additions to current budget:

Mathematics, salaries (increase in time of position, two-thirds to full, Ruth G. Mason, Assistant) ..	\$ 300 00 ¹	
Home Economics, salaries (increase in salary rate of position to provide for more experienced person, Margaret H. van Amerongen)	180 00 ²	
Physical Education, Administration, salaries (new position to be filled by Martha Etzbach)	<u>1 200 00</u>	\$ 1 680 00

Temporary additions to current budget (present year only, additional part-time assistants):

Bacteriology, salaries	\$ 240 00	
Chemistry, salaries	840 00	
English, salaries	5 053 00	
Geology and Geography, salaries	625 00	
Mathematics, salaries	2 960 00	
Zoology, salaries	90 00	
General Engineering Drawing, salaries	400 00	
Journalism, salaries	300 00	
Economics, salaries	1 491 00	
Physical Education for Men, salaries	<u>350 00</u>	<u>12 349 00</u>
<i>Total additions</i>		\$14 029 00

On motion of Mr. Barrett, this appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Horner, Mr. Pogue, Mr. Wieland.

**APPROPRIATION FOR OFFICE EQUIPMENT FOR GRADUATE
SCHOOL AND APPOINTMENTS COMMITTEE**

(12) A recommendation that the following assignments be made from the General Reserve Fund:

Appointments Committee	\$400
Graduate School	420

¹Reported to Board of Trustees, October 26, 1936, page 107, but no appropriation made.

²Reported to Board of Trustees, December 15, 1936, page 143, but no appropriation made.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Horner, Mr. Pogue, Mr. Wieland.

PURCHASE OF PROPERTY ON SPRINGFIELD AVENUE

(13) A report from the Director of the Physical Plant Department concerning the Thomson property at 1204 West Springfield Avenue, Urbana, which has been offered for sale to the University. He recommends that, if funds are available for the purpose, the property be purchased at approximately \$7,500 to \$7,700 and that the vacant lot (at number 1202) in this block (which can be obtained at approximately \$2,500) be purchased immediately before any improvements are made on it. If funds are not available at present, he is of the opinion that an option can be secured for approximately \$500, the balance to be paid after July 1, 1937.

On motion of Mr. Barrett, the purchase of the vacant lot and of the improved property was authorized as recommended, and an appropriation from the General Reserve Fund of \$3,500 (\$2,500 for the vacant lot and \$1,000 for the option), or so much thereof as may be necessary, was made by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO COLLEGE OF DENTISTRY

(14) The University will receive \$3,770.72 in settlement of its insurance claim for losses incurred by the burglary in the College of Dentistry which occurred on December 13, 1936, as reported to the Board on December 15. Of this amount, the Comptroller recommends that \$2,854.72 be reappropriated as follows:

Chicago Business Office Petty Cash Fund.....	\$ 113 33
College of Dentistry, Infirmary.....	1 731 99
College of Dentistry, Prosthetics (Denture).....	300 00
Dental Supply Room, Revolving Fund.....	709 40
	<u>\$2 854 72</u>

On motion of Mr. Williams, this appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams; no, none; absent, Mr. Horner, Mr. Pogue, Mr. Wieland.

AGREEMENT WITH CHICAGO BRIDGE AND IRON COMPANY FOR INVESTIGATION OF THIN CYLINDRICAL SHELLS AS COLUMNS

(15) A recommendation for the authorization of an agreement with the Chicago Bridge and Iron Company for a cooperative investigation of cylindrical shells as columns by the Engineering Experiment Station. The agreement is drawn for a period of two years beginning February 1, 1937, with provision for its extension on mutual agreement, and the company agrees to contribute the sum of \$1,200 a year for research assistants and the other expenses of the investigation. The agreement conforms to the provisions of the University Statutes relating to such investigations.

On motion of Mr. Williams, the execution of this agreement was authorized.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(16) A report of the extension of the following agreements for cooperative investigations:

1. American Society of Heating and Ventilating Engineers, investigation of radiators and convectors, for one year. The Society has contributed an additional \$600 for the expenses of this investigation.

2. American Dry Milk Institute, Inc., investigation of milk solids, for one year from January 1, 1937. The original agreement, as previously extended, will expire July 1, 1937, but due to a delay in getting the work under way, the investigation will not be completed by that date. The Institute has previously agreed to contribute \$1,050 quarterly (beginning July 1, 1936) and will continue supporting the investigation at this rate.

3. Phenolphthalein Research, Inc., for scientific experimentation and clinical research in phenolphthalein to determine therapeutic values, uses, and effects, one year from January 1, 1937. This was originally authorized by the Board on November 27, 1935 (Minutes, page 480). The Company will contribute an additional \$7,500 for this work, payable quarterly.

On motion of Mr. Williams, the extension of these agreements was approved.

BIENNIAL BUDGET FOR 1937-1939

(17) Following over a year's detailed consideration and study of the University's needs for the biennium of 1937-1939, first by the University Advisory Council (consisting of the deans, directors, and other officers), then by the President and the Board of Trustees, the Board on October 26, 1936 (Minutes, page 101), adopted a preliminary budget which was submitted to the State Department of Finance before November 1, 1936, as required by law.

Classified according to the provisions of the State Finance Act the budget is as follows:

Salaries and wages.....	\$ 8 330 000
Office expense and printing.....	240 000
Travel.....	60 000
Operation.....	1 000 000
Repairs, equipment, and minor improvements.....	1 064 200
Cook County Agricultural Experiment Station.....	20 000
Interest on endowment fund.....	64 902
Reappropriation of Federal funds.....	295 530
Capital additions (see recommendations concerning building program, page 151, for itemization).....	1 625 000 ¹
University revolving fund from student fees, sales, and miscellaneous income.....	3 450 000
<i>Total</i>	<i>\$16 149 632¹</i>

REPORT OF SPECIAL COMMITTEE OF THE COUNCIL ON A LONG-TERM BUILDING PROGRAM FOR THE UNIVERSITY

The University Council began a study of problems relating to the budget of the biennium 1937-1939 in December, 1935. At that time it was obvious that a major problem presented itself with respect to needed additional building and other capital additions. At the recommendation of the Council the President appointed the following committee to make recommendations concerning a policy for a long-term building program: Professor H. T. Scovill, Chairman, Provost Albert J. Harno, Director P. L. Windsor, Dean R. D. Carmichael, Director C. S. Havens.

That committee from time to time throughout the past year has submitted reports of progress and on December 24, 1936, submitted its complete and final report, which is included herein. (The full report is filed with the Secretary for record).

The committee in its work received proposals from the various departments of the University covering 58 items of new buildings or additions to buildings and acquisitions of various parcels of land. A composite list of these requests and proposals is included in the committee report (see Exhibit A).

¹As amended by action below, building item is \$1,875,000 and total is \$16,399,632.

The committee, as its report indicates, spent a great deal of time evaluating the different projects and determining as accurately as possible the order of their importance and urgency. As a result of its studies, the committee has compiled a suggested building program covering seven biennial periods beginning July 1, 1937 (see Exhibit B). This program covers 33 items of the requests submitted to the committee and four additional items which the committee considers important. It represents a total estimated expenditure of \$16,250,000 or approximately \$2,300,000 per biennium.

While the committee looked on this program as ideal and highly desirable, it recognized that there might be practical difficulties in carrying it out at the rate suggested. Accordingly, it submitted, supplementary to its principal report, an alternate program providing for an expenditure of approximately \$1,600,000 per biennium (see Exhibit C). Such a plan, of course, would mean that a longer period of time would be required to carry out the same program as contemplated for seven periods in the original report.

After careful consideration, I am now recommending that the Board of Trustees adopt the alternate schedule for 1937-1939 as submitted by the special committee with the following modifications:

(1) With respect to the equipment for the second unit of the Medical and Dental Building, a careful survey of this problem indicates that not less than \$350,000 must be secured now for this purpose if possible instead of \$300,000 as suggested by the committee. In accordance with the instruction of the Board, a special appropriation bill for this item has been drafted and will be presented at the earliest possible opportunity.

(2) The schedule as submitted by the committee allowed \$400,000 for the erection of a portion of the Agricultural Laboratories Building. Further inquiry indicates that two units are necessary to make it possible for the Agricultural Departments to release a sufficient amount of the Old Agricultural Building to provide necessary relief for Chemistry, and the item for these units is increased to \$425,000.

(3) The committee recommendation includes no provision for additions to land during the coming biennium, this item having been deferred to the succeeding biennium. It does not seem wise to defer certain important acquisitions for that long and, for that reason, the sum of \$100,000 has been added for this purpose.

The proposed schedule of capital additions for the coming biennium as now recommended is then as follows:

Equipment for second unit of Medical and Dental Building..	\$ 350 000
Addition to Library Building.....	350 000
Agricultural Laboratories Buildings (first unit).....	425 000
Remodeling of and addition to Old Agriculture Building for use of Chemistry.....	250 000
Addition to Student Hospital.....	150 000
[Journalism Building.....	250 000] ¹
Land purchases.....	100 000
<i>Total</i>	<u>\$1 625 000</u>
	[<u>\$1 875 000</u>]

On October 27, in adopting a tentative budget for 1937-1939 the Board of Trustees approved a sum of \$1,535,000 for capital additions. It is now recommended that in place of the amount tentatively approved at that time the foregoing list of items be approved as requests for capital additions for the coming biennium and that authorization be given for including these items in the appropriation bill to be presented to the General Assembly.

The report of the special building committee included an extended list of comments received by the committee relating to the different items recommended by it. These comments are included herein by way of further explanation of the problems faced by the respective departments.

¹See action below, page 156, adding \$250,000 for Journalism Building.

REPORT OF SPECIAL COMMITTEE ON FUTURE BUILDING PROGRAM

December 24, 1936

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

The Committee on Future Building Program of the University, in accordance with your request, has prepared a "Suggested Building Program Arranged by Bienniums," covering seven such periods from July 1, 1937, to June 30, 1951. This has been compiled after an intensive study of three or four weeks following a year spent less intensively in examining proposals and evaluating them as accurately as possible in relation to the educational and research policies and trends of the University. The enclosures consist of

- a. Suggested Building Program Arranged by Bienniums Beginning July 1, 1937 (Two pages)
- b. Composite List of Requests and Proposals for New Buildings and Land Acquisitions, December 20, 1935 (Two pages)
- c. Condensed Summary of Reasons Presented by the Several Departments for Their Respective Building Requests (34 pages)

You will observe from pages 32 and 34 of the last named enclosure that the Committee has not given more than passing attention to land and to such student welfare, or general service buildings as the Auditorium, dormitories, radio station, and student center, because it was informed that other committees were considering these phases of the University's activities. (The Committee departed from this principle, it seems, in the case of the Power Plant and the Hospital, and in presenting an implication in the suggestions for the biennium 1947-1949 that something ought to be done for student welfare on the Chicago campus.) Specifically, then, the Committee has studied and made suggestions relative to all items in the Composite List of December 20, 1935, except those already finished and the following others:

Item

- 25 Covering Boneyard (Depends on action of Twin Cities)
- 27 Remodel Auditorium (Some provision pending through Non-Recurring Expenditures Channel)
- 33 Additional wings on Administration Building
- 34 New Illinois Field
- 35 Extension of Main Street through Illinois Field
- 36 Remodel University High School (This awaits further development of plans for College of Education)
- 37 New Radio Station (Probably fully provided)
- 38 Residence Hall and Men's Dormitory
- 42 Land adjoining University woods (The Committee probably should have considered this, as a research adjunct.)
- 43 Small area west of Lincoln Avenue
- 44 House and lot
- 45 House and lot
- 46 City property
- 48 City property
- 49 City property
- 50 City property
- 53 City property
- 54 Farm land
- 57 Illinois Union

Although the 34-page "Condensed Summary of Reasons" presented by the several departments gives a reasonably reliable picture of the conditions, many of the fine details contained in the letters and oral statements from which the Summary was made reveal the acuteness of the situation in many cases. Conclusions of the Committee have not been based entirely on the letters from the departments concerned. The Committee has held rather extended group conferences with representatives of the respective departments or divisions affected by items in the building program placed in the biennium lists; and members of the

Committee have personally inspected buildings and facilities classed by their occupants as obsolete or inadequate. The only exception to this is Item 28, South Wing, Woman's Gymnasium, which was inadvertently overlooked both as to the conference and the inspection of present facilities.

The question might well be raised concerning the reason for the difference in viewpoint of the Committee as evidenced by the recommendation for the biennium 1937-1939 in this report compared with its recommendation for the same biennium in its reports to the Council May 29, 1936, and June 26, 1936. One might wonder also why the Committee's recommendation at this time does not coincide more closely than it does with the suggestion of the Council on May 29, 1936, with which a minority of the Committee concurred.

The proposal of the Committee at this time differs from the Council suggestion in these respects:

Addition to Hospital.....	\$ 300 000
Abattoir and Meat Laboratory.....	125 000
Remodeling Old Agriculture Building for Chemistry	250 000
Purchase of Land (Urbana).....	100 000
Agricultural Laboratory (increase from \$600 000 to \$750 000).....	150 000
Library Addition amount increased.....	25 000
Equipment for Medical and Dental Building (increase from \$225 000 to \$300 000).....	75 000
	<u>\$1 025 000</u>
<i>Less</i>	
Decrease in Biology Lab. Unit.....	\$100 000
Studies on plans (provided elsewhere)	35 000
Principal and Interest on Federal Loan	<u>172 000</u>
	<u>307 000</u>
Net increase.....	\$ 718 000
 Present total	 \$2 675 000
Former total	<u>1 957 000</u>
Net increase	<u>\$ 718 000</u>

These additions seemed warranted following a more extended study into the future, and, to some extent, as a result of unexpected increase in enrollment this fall.

Of course, the estimated costs of the several projects above, and, in fact, in the whole report, are very unscientifically derived. They are intended only as general guides in discussion of financial aspects.

The plan for Biennium I (1937-1939) is based on the following analysis and appraisal of conditions and requirements:

1. The Department of Chemistry needs relief as soon as possible. All seem to be agreed that Chemistry should expand southward from its present quarters, which it cannot do until the occupants of Old Agriculture Building have a place to which they can go. The proposed Agricultural Laboratories building is intended to supply this and also to afford relief from some very crowded, poorly ventilated and poorly adapted space now occupied by Animal Nutrition, Dairy Bacteriology, and Dairy Chemistry.

Because of the large increase in registration this fall, Chemistry cannot wait until September, 1940 or 1941, as it would be required to do if it were to await the rehabilitation of the Old Agriculture Building or the erection of a new building on that site. Therefore, provision is made in the recommendations herein to begin as soon as funds are available after July 1, 1937, to build a small section of what will later be a permanent part of the Chemistry Building on the Old Agriculture site; and also to remodel that part of Old Agriculture now adjoining Chemistry Annex immediately to the south. This latter (remodeling feature) cannot begin until the Meat Laboratory now located therein is removed to other quarters.

Necessity for removal of the Meat Laboratory raises the question immediately of its juxtaposition to the Abattoir which has been contemplated for a number of years, and which is one of the urgent needs of the College of Agri-

culture. The Committee believes that such an opportunity should be seized to build a new Abattoir and Meat Laboratory combined.

2. In the program of the first biennium (1937-1939) the first unit of a new Biology Laboratory is placed, after careful consideration, for three main reasons: (a) Necessity of providing quarters for some of the laboratory and research work now carried on under very unfavorable conditions, (b) Advisability of arranging as early as possible for the very desirable loco-affiliation of Natural History Survey, Natural History Library and Museum, and the biological sciences, (c) Necessity of affording relief to Journalism which it is found can be done by remodeling part of the Natural History Building now occupied by the museum and arranging for rooms around a large central area approximately in accordance with Director Murphy's plans, but at much lower cost than a new Journalism building. This Natural History building site will have the additional advantage of permitting an almost unlimited expansion, whereas a new building with the design proposed would be very difficult architecturally to increase in size.

3. The hospital is considered essential to the welfare of students. Its omission from the first biennium might be cause for greater criticism if not disaster than almost any other building item. It seems imperative if compulsory student membership in the Hospital Association is to be adopted within a few years.

4. The lands in Urbana seem to be necessary for some building needs in the succeeding biennium and for other purposes.

In the second biennium (1939-1941), the new power plant seems necessary for providing a proper supply of steam and electric current. Studies on the location are necessary in view of uncertainty regarding the life of rail service to the plant.

The second unit of Chemistry building should follow the rather small emergency addition and remodeled unit of the first biennium.

The Mechanical Engineering building is needed because of the very unsatisfactory housing facilities now available. It is recommended by the College of Engineering Executive Committee as the building most needed in that college. The registration in Mechanical Engineering is increasing more rapidly than in any other department of the college. The department now uses parts of four different buildings in the engineering group, thus crowding other departments which are also in need of space.

Beyond the second biennium the arrangement is based on what seem to be reasonable interpretations of the relative needs and educational values affected. I shall not attempt to present the ideas of the Committee in any elaborate form for the items in succeeding bienniums. These can be presented more fully and satisfactorily, I believe, at a later date.

The Committee is unanimous in the recommendations contained herein, but all the members recognize that factors might arise any time to make a rearrangement or curtailment seem desirable.

Respectfully yours,

H. T. SCOVILL

*Chairman, Committee on Future
Building Program*

*Composite List of Requests and Proposals for New Buildings
and Land Acquisitions*

December 20, 1935

Requests for New Buildings

1. Second unit of Medical and Dental College Laboratories Building
2. Mining and Metallurgy Laboratory
3. Addition to Library, approved for immediate consideration¹

¹Appropriation made by 59th General Assembly; vetoed by the Governor.

4. Surveys Building¹
5. School of Journalism Building²
6. New Power Plant
7. Agricultural Laboratories Buildings
8. Armory Annex for Mounted R.O.T.C. Units
9. College of Education Building
10. Remodeling of Old Agriculture Building for Chemical Engineering
11. Band Building
12. Home Economics Building
13. Floriculture Building
14. Animal Pathology Laboratory
15. Abattoir and Meat Laboratory
16. Minor Agricultural Buildings
17. Chemistry Laboratory
18. Contagion wing, McKinley Hospital
19. A building for Mechanical Engineering
20. A building for Electrical Engineering
21. An addition to the Physics Laboratory
22. A new Kiln House for Ceramic Engineering
23. Land between Mathews Avenue, Goodwin Avenue, Green Street and the Boneyard, not now owned by the University
24. Land not now owned in the block between Springfield Avenue, Interurban tracks, Goodwin Avenue, and Mathews Avenue
25. Covering Boneyard from Wright Street to Goodwin Avenue
26. Biology Laboratory
27. Remodel and redecorate interior of Auditorium, add stage and open air band shell on the south
28. South wing of the Woman's Gymnasium to provide swimming pool and dance studio
29. Remodel both the Woman's and Chemistry Building, the east half of the Chemistry Building for sciences requiring laboratory space, the west half of the Chemistry Building and the whole of the Woman's Building for L.A.S. use in order to permit the evacuation of University Hall and the Entomology Building
30. Addition to the Pharmacy Building (Chicago) probably just south of the present center section in order to permit the demolition of the old and dangerous sections on both the north and south
31. A combination building for the Chicago campus, probably combining Union, auditorium, and gymnasium activities
32. A New Fine Arts Building, probably west of the Architectural Building and constructed as a companion building to the Commerce Building; also addition to Music Hall
33. The addition of north or south wings to the Administration Building, or both
34. The construction of a new Illinois Field west of First Street, grandstand, bleachers, fence, playing field, etc.
35. The extension of Main Street through the old Illinois Field and construction of new College of Education practice schools, moving the present University High School to this site and adding school facilities down below the kindergarten age. The south half of the old Illinois Field to be assigned to the use of these schools, the Old Gymnasium building being assigned wholly or partially to their use and the Gymnasium Annex perhaps for their shop use

¹Application made to Public Works Administration for Federal grant of \$675,000, State's share to be \$825,000; Governor has since indicated he would be willing to approve an appropriation of \$300,000 provided the P.W.A. gave evidence of its interest in the matter for its share. Radical revision of plans and sketches to conform with this figure as a basis of the State's share is under way.

²Informal application made to Works Progress Administration for a 100 per cent grant of funds, which was rejected, and inquiry directed to Public Works Administration, at the request of the Illinois Press Association.

36. Remodel old University High School for the use of the College of Engineering or Journalism
 37. New Radio Station
 38. Additional Residence Hall and perhaps a Men's Dormitory
 39. Pump Room for the Filtration Plant
 - 40-55. Land as required
 56. Payment of principal and interest on \$1,891,000 (to be spread over thirty years) net capital cost to the University for Medical and Dental unit built with the assistance of Public Works Administration. Average yearly appropriation required approximately \$63,000. \$1,091,000 Principal; \$800,000 Interest
Add \$227,000 for furnishings of building
 57. Illinois Union Building
 58. Addition to Library (aside from stacks)
- (For information, the building program suggested by the Committee for the biennium 1937-1939 and the alternate program for the same years are inserted here.)

Suggested Program, 1937-1939

<i>Item</i>	
1 Equipment for second unit Medical and Dental Building.....	\$ 300 000
3 Library Extension.....	350 000
7 Agricultural Laboratories.....	875 000
17 Chemistry (remodeling of, and addition to, Old Agriculture)	250 000
18 McKinley Hospital (additional wings).....	300 000
23 and 24 Urbana, land.....	100 000
26 Biology Laboratory (New, first unit).....	500 000
	<hr/>
	\$2 675 000

Alternate Program, 1937-1939

<i>Item</i>	
1 Equipment for second unit Medical and Dental Building.....	\$ 300 000
3 Library.....	350 000
7 Agricultural Laboratories (½).....	525 000
17 Chemistry (remodeling of, and addition to, Old Agriculture)	250 000
18 McKinley Hospital (first wing).....	150 000
	<hr/>
	\$1 575 000

At the meeting of the Board on December 15, a report of the Building Committee of the Illinois Press Association relative to a building for the School of Journalism was submitted with the information that the University had received no official resolution from the Association recently.

Since then the Chairman of the Building Committee has sent me a copy of his Committee's report with a letter requesting that "an amount for a Journalism Building, to give suitable housing and equipment to the College of Journalism, be included in the budget of the University of Illinois." A copy of his letter is being given to the Secretary of the Board for record.

On motion of Mr. Williams, the budget was increased by including in the list of capital appropriations to be requested an item of \$250,000 for the first unit of a Journalism building.

On motion of Mr. Williams, the budget was approved, carrying a total amount to be requested from the General Assembly of \$16,399,632 as itemized above, on pages 150 and 151.

On motion of Mr. Barrett, the President of the University was authorized and instructed to secure the introduction into the General Assembly of appropriation bills for the University for the next biennium, and to take charge of the matter from now on.

EXTRAMURAL INSTRUCTION

Mr. Barr, for the Committee on General Policy, presented the following report:

At its meeting on May 27, 1936 (Minutes, pages 754-756), the Board referred to its Committee on General Policy for study and report recommendations from the Division of University Extension for the establishment of a program of extramural instruction, including regulations for the administration of such courses. Your Committee recommends adoption of the regulations as printed in the Board Minutes of that meeting and it has considered certain further recommendations from the Division of University Extension for amendment of these regulations in the following respects, which the Committee also approves:

1. Amend the first paragraph under the section entitled, "Application and Registration" to read as follows:

"All persons desiring to enroll in undergraduate extramural courses must make application on forms furnished for that purpose. In the case of applicants who are able to meet the requirements for admission as matriculated students, official credentials of all secondary and college work completed should accompany the application. These will be passed on by the Registrar. In the case of applicants who are eighteen or more years of age and are unable to meet the requirements for matriculation, the applications will be passed upon by the Director. If in his opinion there is a reasonable expectation that the applicant can pursue with success such studies as he desires, the application will be approved. If the application is denied, any fees which the applicant may have paid will be refunded. Applications from students registered for courses in residence at, or from students who have been dropped from, institutions of college grade, will be considered only on the recommendation of the proper authorities of the institution concerned."

2. Amend Section IV, "Fees," to read as follows:

"The normal tuition fee for each course is \$5.00 per semester hour of undergraduate credit; \$15.00 for a course carrying one-half unit of graduate credit; and \$25.00 for a course carrying one unit of graduate credit. The full amount of this fee is due and payable at the time of enrollment. A late registration fee of \$1.00 per course will be charged if the student does not complete his enrollment before the third meeting of the class. Visitors will pay the regular fees."

These amendments were recommended to simplify the procedure and to conform with the University Statutes. Since the Registrar is authorized by the Statutes to assess all fees, he should do so in the case of extramural courses. The provision for payment of fees in installments is being discontinued because it is not needed except in very few cases which are covered by existing regulations.

GEORGE A. BARR, *Chairman*
KARL A. MEYER
OSCAR G. MAYER

On motion of Mr. Barr, this report was accepted and adopted.

WORKMEN'S COMPENSATION

Mr. Barr, for the Committee on General Policy, presented the following report:

Some time ago there was referred to this Committee for consideration the problem of Workmen's Compensation for employees of the University of Illinois. Some problems have been brought to our attention.

Probably the most serious question has to do with the method of handling small claims where the items are as low as \$1.00 or \$2.00; in fact, the great majority of the cases are in very small amounts, with the result that the claimants cannot afford to engage counsel. Under the present regulations and the statutory setup in the State, all such cases must come as formal claims before the Court of Claims upon a regular petition or complaint, prepared in accordance with the rules of this tribunal. Manifestly, the small amount involved

practically debars a large number of the small claimants from any relief whatsoever under the compensation act. University officials have been endeavoring to serve these individuals and to assist them to have their claims filed without charge, but it has been extremely awkward to bring this about successfully.

Again, to what extent should the Board of Trustees out of its appropriation undertake to pay these small claims for medical and hospital services without specific legislative authorization? This question has legal aspects which must be carefully considered.

Pursuant to authority from the Board several small claims have been paid. This is in accordance with the policy of the Board until 1933. If this policy be continued, there, nevertheless, will remain a substantial number of claims which will have to go to the Court of Claims and in which the claimants, under the present setup, will be required to obtain the services of a lawyer. This, in many cases, will nearly wipe out the recovery, even where the proceeding is successful.

In many cases no recovery is allowed, as the Court now construes the law. To bring a claimant within it, his occupation must be extra-hazardous; and if he is employed in the College of Agriculture, the Court seems inclined to hold that he is engaged in farming and, therefore, not within the act.

Recommendations:

Your Committee recommends that the Comptroller and the University Counsel confer with the Attorney General and a member of the Court of Claims in an effort to work out a plan for the handling of these cases, either under the existing statutory setup or through amendment of the statutes. Your Committee understands that a suggestion has been made to the University, through the University Counsel, by the office of the Attorney General and that a member of the Court of Claims has indicated his willingness to take part in such a conference.

Your Committee further recommends that when such a conference has been had, a report thereof be made to the President of the University.

Respectfully submitted for the Committee.

GEORGE A. BARR, *Chairman*

KARL A. MEYER

OSCAR G. MAYER

On motion of Mr. Barr, this report was accepted and adopted.

INVESTMENTS OF ENDOWMENT FUNDS

Mr. Williams, for the Finance Committee, presented a recommendation that the Comptroller be instructed to sell \$5,000 of Pacific Gas and Electric Company $3\frac{1}{2}$ per cent bonds, due in 1966, at an estimated price of $103\frac{3}{4}$, and to purchase \$5,000 of Appalachian Power Company first mortgage 5 per cent bonds, due in 1941, at not to exceed 107, or \$5,000 of Swift and Company first mortgage $3\frac{3}{4}$ per cent bonds, due in 1950, at approximately 105 $\frac{1}{2}$.

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

RELEASE OF PATENT RIGHTS TO L. F. AUDRIETH

Mr. Barrett presented the following report:

On recommendation of the Faculty Committee on Patents, the Board of Trustees Committee on Patents recommends that a discovery by Assistant Professor L. F. Audrieth, of the Department of Chemistry, described as "the ammonolysis of esters to the corresponding acid amides by treatment with liquid ammonia in the presence of ammonium salts," be released to him, as it has no commercial value.

On motion of Mr. Barrett, this report was accepted and adopted.

PATENT OF COLD CATHODE RECTIFIER TUBE

Mr. Barrett, for the Committee on Patents, presented the following report:

Professor Charles T. Knipp, of the Department of Physics, has invented a Cold Cathode Rectifier which has possibilities for a variety of purposes, some of its possible uses including rectification in x-ray power plants, radio broadcasting equipment, studies of practical discharge phenomena (such as electric signs), and in a wide range of demonstration and research problems in chemistry, physics, and engineering where rectified high tension current is necessary.

On motion of Mr. Barrett, the application for this patent was authorized.

NAMING OF RESIDENCE HALLS

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

At its meeting on November 1, 1935, the Board referred to its Committee on Buildings and Grounds the question of naming University buildings with particular reference to residence halls. Your Committee recommends the following policy be followed:

1. Since the Board of Trustees has already adopted the policy of naming streets and drives for former Presidents of the University (Minutes, June 12, 1928), it would not appear advisable to expand this to include buildings except, of course, in some unusual circumstances.

2. Buildings should not be named for living people except in the case of buildings given to the University which may properly be named for their donors.

3. In general, it would seem desirable to name a building in such a way as to denote its general use as a matter of convenience to students as well as to visitors.

4. With reference to residence halls for women, however, your Committee believes that they may properly be named for deceased former women members of the Board of Trustees or of the University staff who were definitely interested in such buildings or in student life. This policy would also apply to residence halls for men if and when such are erected.

Your Committee further recommends that the Woman's Residence Hall (now known as East Hall) be named "Mary E. Busey Hall," and that the West Residence Hall be named "Laura B. Evans Hall."

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

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed the consideration of matters presented by the President of the University.

STATE LEGISLATION REQUIRED TO FACILITATE PROMOTION OF STUDENT CENTER OR UNION BUILDING AND TO PROVIDE FOR OTHER PROJECTS

(18) The University Counsel reports that certain acts of the General Assembly of Illinois are needed to facilitate the promotion of the Student Center or Union Building and similarly financed projects such as dormitories; to secure the acceptance of certain Federal funds, to provide for the equipment for the new Medical and Dental College Building, and to amend the State Finance Act so as to secure the regular assignment of the funds appropriated to the University. He has prepared drafts of bills for such acts, viz.:

1. An Act to Create the University of Illinois Building Commission.

2. An amendment of the organization or charter act, recommended by Messrs. Chapman and Cutler, attorneys, as needed to make clear the power of the Board of Trustees to convey real property for purposes of a bond issue.

3. Amendments of the two enabling acts authorizing the Board of Trustees to create trusts and to enter into trust agreements, pursuant to which the Medical and Dental College Building Trust was created.

4. A joint resolution expressing assent to the provisions of the Bankhead-Jones Act of June 29, 1935.

5. Appropriation of \$350,000 for the equipment of the second unit of the Medical and Dental College Laboratories Building, with emergency clause.

6. A bill to amend Section 8½ of the State Finance Act, providing that there be transferred to the University of Illinois Fund (sometimes called the Mill

Tax Fund) monthly one-twelfth of the amount appropriated to the University for each year.

These bills are submitted to the Board for its consideration and instructions.

On motion of Mr. Barr, the drafts of the proposed bills were approved, and the President of the University was authorized to secure their introduction in the General Assembly.

AWARD OF CONTRACTS

(19) A recommendation that the award of the following contracts be authorized:

1. Academic costumes for the 1937 Commencement exercises at Urbana to Bresee Brothers of Champaign, the lowest bidder, at a rental of \$1.30 (less 10 per cent for payment within 30 days) for bachelor's cap and gown, \$1.45 for master's, \$1.55 for doctor's, and \$1.55 for doctor's hood. Sealed proposals were received on January 15 from three bidders. The total amount involved is approximately \$2,000, for which provision has been made in the budget. Candidates for degrees are charged a graduation fee which covers, among other things, this expense.

2. Photo-engraving work, extension of contract with G. R. Grubb and Company, Champaign, to June 30, 1937, at a rate of 35 and five per cent discount from the standard scale for photo-engravings specified by the American Photo-Engravers Association. This contract was originally authorized by the Board on January 24, 1936 (Minutes, page 518), and was for the calendar year 1936. The Purchasing Agent believes that if new bids are asked for at this time the University will not be able to get a new contract on as favorable a basis as the present one.

On motion of Mr. Barrett, the award of these contracts was authorized as recommended.

PURCHASES RECOMMENDED

(20) A recommendation that the following purchases be authorized:

1. Pyrex Laboratory Glassware, 181 cases, for the General Chemical Store-room, from the Central Scientific Company, Chicago, at a total cost of \$3,625.00. This is a non-competitive item, the Corning Glass Works being the only manufacturer of this type of laboratory glassware, which is sold through jobbers at prices fixed by the manufacturer.

2. Paper towels, bleached, 450 cartons (car load), from the Midstate Supply Company, of Urbana, at a price of \$3.40 per carton. Sealed quotations and samples were secured from several dealers, and this company's price on bleached towels is the lowest.

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

PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(21) The University Committee on Accident Compensation for Employees has submitted a list of 24 accident compensation claims involving University employees, totaling \$538.63, which it recommends be paid from University funds as in the case of certain similar payments as authorized by the Board on October 26, 1936 (Minutes, page 99). All of these cases have been reviewed by the Committee and none of them involves any permanent disability. The budget for the current year includes provision for such expenses.

A number of other claims by University employees for compensation of accidents of a more serious character are before the State Court of Claims.

On motion of Mrs. Freeman, the payment of these claims was authorized as recommended.

USE OF GYMNASIUM FOR PRESIDENT'S BIRTHDAY BALL

(22) A request has been made for the use of the Men's New Gymnasium for the President's Annual Birthday Ball to be held on January 30. Under the provisions in the University Statutes relating to the use of University buildings by outside organizations, this request could not be granted without specific authorization of the Board. Last year the Board permitted use of this building for the same purpose under certain conditions, and I recommend approval of the request for this year on the same basis, namely, that the usual rental fee for the use of the Gymnasium be waived, in addition to which the University through its Physical Plant Department will furnish certain other services including electricity, water, fire protection attendants, heating and ventilating attendants, and the use of all equipment needed (except for the cost of installation and removal of same).

On motion of Mr. Barr, this request was granted as recommended.

BEQUEST OF CORNELIUS P. VAN SCHAAK

(23) A recommendation that the following resolution be adopted and that the Secretary of the Board be requested to send a certified copy thereof to the attorneys for the estate of Mr. Van Schaack:

Whereas, the late Cornelius P. Van Schaack in his last will and testament bequeathed the sum of \$1,000 to the College of Pharmacy in trust, as follows:

"I give and bequeath to The Chicago College of Pharmacy, as Trustee, the sum of One Thousand Dollars (\$1,000) and direct that the income therefrom be used in the annual purchase of a Gold Medal to be known as The C. P. Van Schaack Award and that the same be given the Senior Student of said The Chicago College of Pharmacy who makes the best credits during his college course in chemistry."

Now, therefore, be it resolved, by the Board of Trustees of the University of Illinois that the foregoing bequest be and the same is hereby accepted in trust, however, for the uses and purposes as above described by the donor, and the Board of Trustees of the University of Illinois agrees to administer the same.

On motion of Mr. Barrett, this resolution was adopted as recommended.

LORADO TAFT COLLECTION OF CASTS

(24) The family of the late Lorado Taft wishes to turn over to the University his entire collection of plaster casts, valued at from \$40,000 to \$50,000, but because of financial circumstances is unable to make a complete gift of it. The University could acquire the collection, however, for approximately \$12,000 if funds could be raised for that purpose.

The President of the University was requested to investigate this matter and to report at the next meeting of the Board.

LOW COST FOOD SERVICE TO STUDENTS

(25) The University has been considering the problem of helping certain groups of students, who are at present unable to patronize public restaurants and private boarding houses because of financial and other circumstances, secure wholesome and adequate meals at low cost. Restaurant operators have been given the opportunity of providing such a service but are unable or not interested in offering it.

The project is submitted to the Board for its consideration and a request for authorization to undertake it if after further study, it seems desirable. In that case an appropriation of \$2,025 should be made from the General Reserve Fund for equipment and operating expenses, and the Comptroller should be authorized to set up a revolving fund to provide for the necessary business transactions.

This matter was referred to the President of the University for further study.

DEGREE OF DOCTOR OF MEDICINE

The Secretary presented for record the following list of degrees of Doctor of Medicine conferred from July 2 to December 31, 1936:

RUDOLF WILLIAM HACK, A.B., B.S., 1931, 1933.....	September 30
IRVING HASSEN, B.S., 1935.....	July 15
JEROME DAVID KAUFMAN.....	December 31
WILLIAM NELK KNUDSEN, A.B., 1931.....	December 31
HAROLD JAY KOCH, B.S., University of Chicago, 1931.....	December 12
GEORGE LEWIS KRAFT, B.S., 1933.....	December 31
SHERBURNE KRIEGER, B.S., 1934.....	July 15
SAMUEL NIEDER, B.S., 1935.....	September 30
LEONARD PRICE, B.S., 1934.....	August 7
BENJAMIN BERNARD ROSEN.....	August 31
SAMUEL WILLIAM ROSENBERG.....	December 31
MANDEL SACHS.....	December 31
HERBERT A. SCHILLER, Ph.C., B.S., 1928, 1933.....	December 31
WILLIAM FREDERICK SEIFERT.....	September 30
BERTRAM SPIRA, B.S., Lewis Institute, 1931.....	December 31
MILTON TINSLEY, B.S., 1933.....	With Honors, December 31
LEONARD WEISSMAN, B.S., 1933.....	September 30

RESIGNATIONS

The Secretary presented also for record the following list of resignations.

Allison, Lowell Edward, Assistant in Soil Biology, in the Agricultural Experiment Station—resignation effective January 1, 1937.

Bamber, Lyle Edward, Assistant in Zoology—resignation effective February 1, 1937.

Brown, James Howard, Assistant in Chemistry—resignation effective February 1, 1937.

Burner, Jarvis Burr, Instructor in Romance Languages—resignation effective February 1, 1937.

Corbett, Mrs. Alice Carman, Junior Accountant in the Department of Dairy Husbandry, in the College of Agriculture—resignation effective December 31, 1936.

Cross, Hardy, Professor of Structural Engineering—resignation effective September 1, 1937.

Daly, Lloyd William, Research Assistant in the Classics—resignation effective January 31, 1937.

Einhorn, Raymond, Junior Accountant in the Business Office—resignation effective December 9, 1936.

Gruber, Elbert Egidius, Assistant in Chemistry—resignation effective February 1, 1937.

Herron, Elbert LeRoy, Assistant in Journalism—resignation effective February 1, 1937.

Holland, William Ernest, Assistant in Chemistry—resignation effective February 1, 1937.

Jerome, Eldon King, Assistant in English, in the Division of Speech—resignation effective February 1, 1937.

Krebs, Robert William, Assistant in Chemistry—resignation effective February 1, 1937.

Licht, Ethel Bernice, Stenographer and Clerk in the Extension Service in Agriculture and Home Economics—resignation effective February 6, 1937.

Masterson, LaVerne, Laboratory Helper in the Department of Pharmacology, Materia Medica, and Therapeutics—resignation effective March 1, 1937.

McVey, Marie, Resident in the Division of Anaesthesia, in the College of Medicine—resignation effective January 1, 1937.

Pettee, James Charles, Assistant in Economics—resignation effective February 1, 1937.

Ryden, Laurence Leland, Assistant in Chemistry—resignation effective February 1, 1937.

Strickland, Mrs. Dorothy E., Stenographer in the Department of Agricultural Economics—resignation effective February 1, 1937.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Abel, James Walden, Assistant in English, Division of Speech, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty-six dollars twenty-five cents (\$36.25) a month. (January 29, 1937)¹

Alleman, Norville James, Special Research Assistant in Engineering Materials on the Rails Investigation, in the Engineering Experiment Station, beginning January 1, 1937, and continuing until further notice, at a cash compensation at the rate of the three thousand dollars (\$3,000) a year (this supersedes his previous appointment). (January 14, 1937)

Babcock, Glen E., Assistant in Chemistry, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (January 21, 1937)

Ballard, Emerald Garrett, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 4, 1937)

Bamber, Lyle Edward, Assistant in the Order Department of the Library, on two-thirds time, for seven months beginning February 1, 1937, at a cash compensation at the rate of eight hundred eighty dollars (\$880) a year. (December 30, 1936)

Beach, Frank Herman, Assistant Professor of Business Organization and Operation, beginning February 1, 1937, and continuing through July 31, 1937, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 7, 1937)

Beadle, Edward Sherman, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (January 29, 1937)

Bernhard, Richard Carlton, Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 26, 1937)

Bernstein, Arthur, Assistant in Medicine, in the College of Medicine, beginning January 19, 1937, and continuing through August 31, 1937, without salary. (January 21, 1937)

Betty, Bernard Breast, Special Research Assistant in Engineering Materials, in the Engineering Experiment Station, beginning January 1, 1937, and continuing until further notice, at a cash compensation at the rate of three thousand dollars (\$3,000) a year (this supersedes his previous appointment). (January 22, 1937)

Bisesi, Joseph Louis, Special Research Assistant in Engineering Materials on the Rails Investigation, in the Engineering Experiment Station, beginning January 1, 1937, and continuing until further notice, at a cash compensation at the rate of three thousand dollars (\$3,000) a year (this supersedes his previous appointment). (January 14, 1937)

Blackstone, George R., Associate in Hygiene, and Assistant Health Officer and Medical Adviser for Men, beginning January 14, 1937, and continuing until August 31, 1937, at a cash compensation at the rate of three thousand five hundred dollars (\$3,500) a year (this supersedes his previous appointment). (January 14, 1937)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Blumenschein, Robert Weeks, Assistant in Business Organization and Operation, in the College of Commerce, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty dollars (\$140) a month. (January 21, 1937)

Boner, J. Russell, Assistant in Economics, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 4, 1937)

Booth, Alfred Whaley, Instructor in Geography, for five months beginning February 1, 1937, at a cash compensation of nine hundred dollars (\$900). (December 14, 1936)

Brunken, Viola Marie, Stenographer in the Department of Agricultural Engineering, in the College of Agriculture, for eight months beginning January 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 30, 1936)

Bushart, Roy Ralston, Assistant in Romance Languages, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes his previous appointment). (January 29, 1937)

Cairns, Theodore L., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 21, 1937)

Camp, George Carr, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 4, 1937)

Carver, Thomas Nixon, Visiting Professor of Economics, in the College of Commerce and Business Administration, for six months beginning February 1, 1937, at a cash compensation at the rate of five thousand dollars (\$5,000) a year. (January 12, 1937)

Clark, Harry Murray, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (January 21, 1937)

Cooke, Harold Groves, Jr., Assistant in Chemistry, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (January 21, 1937)

Crawford, Paul Kerrins, Assistant in English, Division of Speech, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty-four dollars ninety-five cents (\$144.95) a month. (January 29, 1937)

Darrow, Chester William, Associate in Physiology, in the College of Medicine, on one-half time, for eight months beginning January 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 13, 1937)

Diller, Aubrey, Assistant in the Classics, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 15, 1937)

Donnan, Alvan, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (January 21, 1937)

Dowling, John William, Assistant in Philosophy, for five months beginning February 1, 1937, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 19, 1937)

Edwards, Maxwell Dean, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 4, 1937)

Ehrlich, Joseph C., Assistant in Medicine, in the College of Medicine, beginning December 9, 1936, and continuing through August 31, 1937, without salary. (December 16, 1936)

Ekstrom, William Ferdinand, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month (this supersedes his previous appointment). (January 4, 1937)

Etzbach, Martha, Secretary in the School of Physical Education, beginning November 30, 1936, and continuing through August 31, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 21, 1936)

Fabert, Mrs. Ellen Lucile, Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for eight months beginning January 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (December 16, 1936)

Fleming, Naomi, Secretary to the University Counsel, on one-third time, for two months beginning January 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of forty dollars twenty-seven cents (\$40.27) a month. (December 29, 1936)

Gaa, Charles John, Assistant in Accountancy, in the Department of Business Organization and Operation, in the College of Commerce, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (January 15, 1937)

Glass, Martha Genevieve, Stenographer in the Department of Dairy Husbandry, in the Extension Service in Agriculture and Home Economics, for eight months beginning January 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month. (January 5, 1937)

Henneberger, Olive Pauline, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes her previous appointment). (January 4, 1937)

Holmes, Melba Lisa, Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for eight months beginning January 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (December 16, 1936)

Hook, Julius Nicholas, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 4, 1937)

Hughes, Leo, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty-six dollars sixty cents (\$146.60) a month (this supersedes his previous appointment). (January 4, 1937)

Johnson, John Lars, Assistant in English, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (January 29, 1937)

Johnston, Leslie Dent, Research Assistant in the Classics, for seven months beginning February 1, 1937, at a cash compensation at the rate of one thousand eight hundred dollars (\$1,800) a year (this supersedes his previous appointment). (January 12, 1937)

Kidder, Margaret, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month (this supersedes her previous appointment). (January 29, 1937)

Klein, Arthur Deo, Assistant in Physiology, in the College of Medicine, on one-half time, beginning February 8, 1937, and continuing through July 31, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (January 15, 1937)

Kruse, Waunetta E., Stenographer in the Division of University Extension, for seven months beginning February 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 15, 1937)

Kukar, Mary Bernice, Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for eight months beginning January 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes her previous appointment). (December 16, 1936)

Lowry, Wilson McNeil, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month (this supersedes his previous appointment). (January 4, 1937)

Lyon, Stuart Wellington, Special Research Assistant in Engineering Materials, in the Engineering Experiment Station, beginning January 1, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 6, 1937)

Matthews, Ralph Bernard, Assistant in Economics, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 4, 1937)

McDowell, Elliott Waldo, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 4, 1937)

McMahan, John Wood, Assistant in Accountancy, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (January 29, 1937)

Miller, Franklin Stuart, Instructor in Geology, for five months beginning February 1, 1937, at a cash compensation of one thousand dollars (\$1,000). (January 19, 1937)

Miller, Joseph Samuel, Assistant in Neurology and Neurological Surgery, in the College of Medicine, beginning January 15, 1937, and continuing through August 31, 1937, without salary. (January 15, 1937)

Morrison, Alice, Assistant in English, on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (January 4, 1937)

O'Donnell, Hugh Birtie, Jr., Assistant in Forestry Extension, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1937, at a cash compensation at the rate of two thousand dollars (\$2,000) a year. (January 19, 1937)

Osenburg, Frederic Charles, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty-five dollars ninety cents (\$155.90) a month (this supersedes his previous appointment). (January 4, 1937)

Peterson, Lewis Vincent, Assistant in Education, on three-fourths time, and Executive Clerk in the University Extension, on one-fourth time, beginning February 1, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of one hundred seventy-three dollars fifty cents (\$173.50) a month (this supersedes his previous appointment). (January 20, 1937)

Quinn, John Kerker, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month (this supersedes his previous appointment). (January 4, 1937)

Raffelson, Evelyn, Stenographer in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station, for seven months beginning February 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month (this supersedes her previous appointment). (January 11, 1937)

Riley, Mrs. Dorothy Roberts, Assistant in Home Economics, in the College of Agriculture, on one-half time, beginning February 1, 1937, and continuing through June 15, 1937, at a cash compensation at the rate of seventy-seven dollars seventy-seven cents (\$77.77) a month. (January 20, 1937)

Rovelstad, Howard, Assistant in English, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (January 29, 1937)

Sampson, Jesse, Assistant in Animal Pathology and Hygiene, in the Department of Animal Husbandry, in the Agricultural Experiment Station, for eight months beginning January 1, 1937, without salary. (January 1, 1937)

Schacht, John Hammond, Assistant in English, on two-thirds time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety-six dollars sixty cents (\$96.60) a month (this supersedes his previous appointment). (January 4, 1937)

Seron, Suren M., Assistant in Oral Surgery, in the College of Dentistry, one-half day each week, for seven months beginning February 1, 1937, without salary. (December 16, 1936)

Shattuck, Charles Harlen, Assistant in English, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month (this supersedes his previous appointment). (January 4, 1937)

Shaw, Everett Raymond, Assistant in Economics, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 4, 1937)

Snyder, Roy Kenneth, Special Research Assistant in the College of Pharmacy, beginning January 1, 1937, and continuing until December 31, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 15, 1937)

Stevenson, Orlena L., Stenographer in the Department of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station, for seven months beginning February 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (January 11, 1937)

Strohl, E. Lee, Assistant in Surgery, in the College of Medicine, for eight months beginning January 1, 1937, without salary. (December 29, 1936)

Sullivan, Virgil Richard, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (January 21, 1937)

Thomas, Earl Wesley, Assistant in Romance Languages, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (January 29, 1937)

Treffitz, Kenneth Lewis, University Service Fellow in Economics, for seven months beginning December 1, 1936, at a stipendium at the rate of fifty dollars (\$50) a month. (January 7, 1937)

Turinsky, Otto, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (January 21, 1937)

Wiley, Jay Wilson, Assistant in Economics, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 4, 1937)

Wilson, Lawrence Adolphus, Junior Accountant in the Business Office, for eight months beginning January 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month. (December 15, 1936)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

O. M. KARRAKER
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 27, 1937



The February meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Saturday, February 27, 1937.

The following members were present: President Karraker, Mr. Barr, Mrs. Freeman, Dr. Meyer, Mr. Pogue. Mr. Adams, Mr. Cleary, and Mr. Moschel, members-elect, were present by invitation of the Board.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and Professor Lloyd Morey, Comptroller.

As there was no quorum, the Board took a recess.

EXECUTIVE COMMITTEE MEETING, FEBRUARY 27, 1937

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Saturday, February 27, 1937, during the recess in the meeting of the Board held on the same day.

Mr. O. M. Karraker, Chairman, and Dr. Karl A. Meyer, members of the Executive Committee, were present; also Mr. George A. Barr, Mrs. Nellie V. Freeman, and Mr. Harold A. Pogue, members of the Board, Mr. Homer M. Adams, Mr. James M. Cleary, and Mr. Louis C. Moschel, members-elect of the Board, and President Arthur C. Willard, Mr. A. J. Janata, and Professor Lloyd Morey.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Executive Committee considered the following matters presented by the President of the University.

EXPERIMENT FIELD IN FAYETTE COUNTY

(1) The Fayette County Farm Bureau has offered the University 120 acres of land described as E. $\frac{1}{2}$ of N.E. $\frac{1}{4}$, Sec. 22 and the S.W. $\frac{1}{4}$ of N.W. $\frac{1}{4}$, Sec. 23, T. 6 N., R. 2 E. of the 3d P.M., located in Fayette County, for use as an experimental field where experiments on rotations, soil treatment, variety tests, and pasturage can be carried out and be representative of southern Illinois conditions.

If this land is accepted, the Agricultural Experiment Station proposes to discontinue the Unionville field in Massac County and to transfer the machinery now used there to the field in Fayette County. It will cost approximately \$1,500 to fence the new tract and to construct the necessary small buildings for housing equipment.

There is an oil lease on this land which has nine years more to run, but the Fayette County Farm Bureau will attempt to secure cancellation of the lease before the property is deeded to the University.

I recommend acceptance of this offer, provided that the land can be conveyed to the University free of any leases, liens, or other encumbrances; and that an assignment of \$1,500 be made from the General Reserve Fund for the necessary improvements.

On motion of Dr. Meyer, this offer was accepted as recommended, and the appropriation was made by the following vote: Aye, Mr. Karraker, Dr. Meyer; no, none; absent, Mr. Barrett.

TRANSFER OF RECEIPTS TO THE GENERAL RESERVE FUND

(2) A report from the Comptroller that fees for the second semester have been collected in excess of previous estimates, to the amount of \$15,000, and a recommendation that this additional amount be added to the General Reserve Fund.

On motion of Dr. Meyer, this transfer was made as recommended, by the following vote: Aye, Mr. Karraker, Dr. Meyer; no, none; absent, Mr. Barrett.

INSURANCE ON SECOND UNIT OF MEDICAL AND DENTAL BUILDING

(3) A recommendation that an appropriation of \$800 be made from the General Reserve Fund for insurance premiums on the second unit of the Medical and Dental Building to include the following coverage: Fire, Windstorm, and Hail, including the extended coverage of Tornado, Explosion, Riot, Civil Commotion, Vandalism, Aircraft, Motor Vehicle, and Smudge. The trust indenture requires that the property be insured to the full insurable value. The total premiums amount to \$1,250 a year, but \$450 of this will be charged against the building funds to cover the period from March 12, 1937, until the building is completed

about June 1, 1937. After that provision will have to be made in the budget of the Physical Plant Department for future insurance premiums.

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Karraker, Dr. Meyer; no, none; absent, Mr. Barrett.

APPROPRIATION FOR ALTERATIONS IN MILITARY STABLES

(4) A recommendation that an assignment of \$1,900 be made from the General Reserve Fund for the construction of new mangers in the Military Stables.

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Karraker, Dr. Meyer; no, none; absent, Mr. Barrett.

APPROPRIATION TO DEPARTMENT OF ANIMAL HUSBANDRY

(5) A recommendation from the Dean of the College of Agriculture for the transfer of \$3,500 from the "Unappropriated Agricultural Income for Animal Husbandry" to the operation account of the Animal Husbandry Beef Cattle Station. This transfer is requested to enable the Department to meet an emergency need for research in the storing and utilization of flood-damaged corn.

I concur in this recommendation.

On motion of Dr. Meyer, this transfer of funds was made as recommended, by the following vote: Aye, Mr. Karraker, Dr. Meyer; no, none; absent, Mr. Barrett.

LABORATORY FEE IN METALLOGRAPHY

(6) On recommendation of the Dean of the College of Engineering, a fee of \$4.00 was authorized for a new course, "Metallurgy 12, Metallography," which was offered for the first time during the second semester.

Since there was no opportunity to submit this matter to the Board of Trustees before the semester started, this fee was established subject to approval by the Board.

On motion of Dr. Meyer, the action of the President of the University in establishing this fee was confirmed.

C. P. A. CERTIFICATES

(7) A recommendation from the Committee on Accountancy that the certificate of Certified Public Accountant be awarded the following candidates who have been certified by the Board of Examiners in Accountancy as having passed the examination given in November, 1936:

WILLIAM ROBERT BAYER
DONALD FRANCIS CAMPBELL, JR.
EDWIN HENRY CASSELS, JR.
WAYNE JAY COOK
PHILIP HERMAN Cordes
CARL ARTHUR JOHNSON
JACK NATHAN NELSON
LESTER HENRY PETERSON

ALICE DOROTHY REAM
SOL REIFLER
ROBERT LEE ROSBE
LOUIS THOMAS ROTH
GLENN WESLEY SANCHEZ
FREDERICK RANDOLPH TREDWELL
CLIFFORD GILBERT WOOD
WILLIAM ARNOLD ZOELLER

On motion of Dr. Meyer, these certificates were awarded as recommended.

SABBATICAL LEAVES OF ABSENCE DURING 1937-1938

(8) A recommendation that the following members of the faculty be given sabbatical leaves of absence during 1937-1938, in accordance with the provisions of the University Statutes, on the terms and for the period indicated in each case:

Mr. Hubert Kessler, Assistant Professor of Music, for the full year, on half pay.

Dr. P. G. Kruger, Associate Professor of Physics, for the full year, on half pay; including authorization to accept and to hold a Rockefeller fellowship simultaneously with leave of absence.

Dr. Harry Levy, Assistant Professor of Mathematics, for the full year, on half pay.

Mr. Alfred Nicholson, Assistant Professor of Art, for the full year, on half pay.

Dr. F. P. Shepard, Associate Professor of Geology, for the second semester, on half pay.

Mr. C. O. Jackson, Assistant Professor of Physical Education for Men, for the second semester, on half pay.

Dr. L. J. Thomas, Assistant Professor of Zoology, for the first semester, on half pay; with authorization to hold a Guggenheim fellowship simultaneously, with privilege of declining to accept leave if said fellowship does not become available and circumstances do not make it feasible to go on leave.

Dr. Ernest Bernbaum, Professor of English, for the second semester, on full pay.

Miss Anne M. Boyd, Associate Professor of Library Science, for the first semester, on full pay.

Dr. G. L. Clark, Professor of Chemistry, for the second semester, on full pay.

Dr. D. W. Gotshalk, Associate Professor of Philosophy, for the second semester, on full pay, or for the full year, on half pay; with privilege of accepting and holding simultaneously a Guggenheim fellowship if it becomes available in which case the leave of absence shall be for the full year on one-half pay; if the fellowship is not available, leave of absence shall be for one-half a year on full pay.

Dr. Walter J. Graham, Professor of English, for the first semester, on full pay.

Professor C. R. Griffith, Director of the Bureau of Institutional Research, for the second semester and the summer, on full pay.

Professor E. W. Lehmann, Head of the Department of Agricultural Engineering, for the second semester, on full pay.

Professor W. A. Oldfather, Chairman of the Department of Classics, for the first semester, on full pay; including authorization to lecture as Visiting Professor at the American School of Classical Studies in Athens, and to accept an honorarium therefor.

Dr. C. L. Stewart, Professor of Agricultural Economics, for the second semester and the summer, on full pay.

Dr. Sybil Woodruff, Professor of Home Economics, for the second semester, on full pay.

Twenty-one requests for sabbatical leaves during 1937-1938 were received from members of the teaching faculty and were submitted to the Research Board of the Graduate School for its consideration of the program of study, research, or travel contemplated in each case and its recommendation to the President. This is in accordance with the administrative procedure established by authority of the Board of Trustees for the consideration of applications for leaves of this type.

One of the requests was withdrawn while the Research Board had them under consideration. In four other cases the Research Board was unable to recommend approval of leave with full pay, although it was prepared to recommend leave for one-half year on one-half pay. In one of these cases the applicant has indicated his acceptance of this alternative. The other three have stated that this would not be feasible. Consequently, their applications are not being recommended to the Board of Trustees.

The Research Board has submitted a statement of the purpose for which leave is being requested in each individual case and a summary of the supporting reasons which have caused the Board to recommend approval. The Board has studied all of the applications very carefully in terms of the value of the programs of research or travel to the individuals concerned, as well as in terms of their value to the University.

The following additional sabbatical leaves during 1937-1938 are also recommended but are being submitted separately because the individuals are on the Home Economics Extension staff whose salaries are paid entirely from Federal funds so that no State funds are involved:

Miss Lulu S. Black, Home Adviser at Large, for the full year, on half pay.

Mrs. Ruth H. Buckner, Home Adviser at Large, for the full year, on half pay.

These have also been considered and recommended by the Research Board, contingent on approval of the leave of absence by the appropriate Federal authorities.

On motion of Dr. Meyer, these leaves were granted as recommended.

LEAVE OF ABSENCE FOR JUDGE SVEINBJORN JOHNSON

(9) A request from Judge Sveinbjorn Johnson, University Counsel and Professor of Law, for a sabbatical leave of absence on full pay during the second semester of 1937-1938 for the purpose of study and travel abroad. This request is being submitted separately because it is from an administrative officer, whereas the others are from members of the teaching faculty.

On motion of Dr. Meyer, this leave was granted as recommended.

LEAVES OF ABSENCE FOR MEMBERS OF THE STAFF

(10) A report that the following members of the staff have been granted leaves of absence for the periods and under the conditions indicated in each case:

1. Professor E. G. Young, of the Department of Railway Engineering, sick leave from January 13 to February 12, with pay. His work was carried on during his absence by his colleagues without additional expense to the University.

2. Ross Hutton, truck foreman in the Physical Plant Department, sick leave from February 4 to March 4, 1937, with pay. This is in addition to the fifteen days' sick leave with full pay provided under State Civil Service regulations, and is in recognition of Mr. Hutton's long period of service.

3. Bess Walsh, cashier in Chicago departments Business Office, sick leave from March 15 to March 31, with full pay in addition to sick leave allowed under Civil Service regulations and accrued vacation allowance.

On motion of Dr. Meyer, these leaves were approved.

UNIVERSITY OF ILLINOIS FUND LEGISLATION

(11) In accordance with the authorization of the Board on January 29, the University has had introduced in the 60th General Assembly a bill to amend the State Finance Act to change the allocations of moneys from the Retailers' Occupation Tax to the University of Illinois Fund from the present unsatisfactory method of basing the allocations on the assessed valuation of property in the State, over which the State has no control, to an allocation based on the total appropriations made from the University of Illinois Fund by the General Assembly to the University.

At the suggestion of a representative of the State Department of Finance, two changes have been made in the draft of the bill as originally submitted to the Board. Following is a text of the proposed revision of Section 8½ of the State Finance Act, the italics representing the additions and the parentheses indicating deletions proposed by the University and the small capitals indicating the changes recommended by the Department of Finance:

Section 8½. As soon as may be after March 1, 1934 and the first day of each month thereafter, the Governor, the State Treasurer and the Auditor of Public Accounts shall direct the transfer of all moneys in the occupational tax fund at the close of business on the last day of the preceding calendar month, as follows: there shall be transferred to the soldiers compensation bond, interest and retirement fund and the water-way bond fund sufficient moneys to provide amply for the payment of the principal of and interest on soldiers' compensation bonds and Illinois water-way bonds as they become due. There shall be transferred to the common school fund monthly one-twelfth of the amount appropriated for that year, *and there shall be transferred monthly to the Uni-*

versity of Illinois Fund one-twelfth of the amount appropriated to the University of Illinois from the UNIVERSITY OF ILLINOIS FUND for that year, LESS ANY AMOUNTS RECEIVED FROM TAXES LEVIED ON TAXABLE PROPERTY IN ACCORDANCE WITH "AN ACT TO PROVIDE BY STATE TAX FOR A FUND FOR THE SUPPORT AND MAINTENANCE OF THE UNIVERSITY OF ILLINOIS" APPROVED JUNE 10, 1911 AS AMENDED. There shall be transferred monthly to the blind relief fund (and the University of Illinois fund, respectively) one-twelfth of the amount obtained by applying the rate fixed by law to the valuation of property in the State as assessed for purposes of taxation. The balance of any moneys after transfers have been made to the funds above stated, shall be transferred to the general revenue fund.

Since this bill was on third reading in the Senate this week and ready for passage, immediate action was necessary if any changes were to be made. After conferring with the University Counsel and the Comptroller we decided to ask the sponsors of the bill to amend it as indicated above.

This report was received for record.

BUILDING PROGRAM FOR 1937-1939

(12) A recommendation that in the building program for 1937-1939 as approved by the Board of Trustees on January 29 (Minutes, page 150), the provisions for agricultural laboratories be treated as one item—"Agricultural Laboratory Buildings, first unit, \$425,000."

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

ESTIMATE OF REVOLVING FUND RECEIPTS

(13) Under the provisions of the State Finance Act as amended in 1933 the University must deposit in the State Treasury "The gross amount of money received by the University from whatever source other than from endowment or trust funds and from Federal aid." Such deposits are placed to the credit of the University of Illinois Revolving Fund and the estimated receipts and balances of this fund must be included in the biennial General Assembly appropriations to the University.

A part of the receipts handled in this way represent income from student fees and departmental activities, which income is applicable to our educational budget. Another substantial portion represents income of residence halls, student hospital, and other activities and operations, the income of which goes back into their maintenance. Also, when the University sells electric current or heat to organizations whose buildings are connected to our Power Plant, does printing for activities financed by Federal funds, or renders service to University organizations which is paid for by them, the receipts must go into the State Treasury and consequently must be included in the biennial appropriation.

The Comptroller reports that the amount of such receipts which represent no actual net income is increasing materially with the result that the estimate of \$3,450,000 for this fund included in the biennial budget may be too low by \$100,000 to \$150,000. This increase does not represent added income which could be applied toward the budget of expenditures which the Board has approved. It simply represents additional receipts offset by additional disbursements.

As the figures for this fund are estimates only and as there is always a substantial sum of transactions incomplete at the end of the biennium, the Comptroller believes that the appropriation requested from this fund may be sufficient to cover its operations for the coming biennium. However, it is possible that if the volume of turn-over in the fund continues to increase it might be necessary to request the next General Assembly in the last quarter of the biennium to pass an emergency bill increasing the appropriation from this fund to cover its increased operations.

This report was received for record.

FEDERAL BUILDING FOR HOUSING REGIONAL SOYBEAN LABORATORY

(14) In the event funds are appropriated to the University for the construction of agricultural laboratory buildings and for the remodeling of the Old Agricul-

ture Building for use by the Department of Chemistry, it will be necessary to make some other provision for housing the Regional Soybean Laboratory established at the University by the United States Department of Agriculture.

The Dean of the College of Agriculture reports that there is the possibility of securing Federal funds for the erection of a building to house this work. The Works Progress Administration is considering sponsoring such projects elsewhere. It is an established policy of the Federal government to build Federal buildings on no other land than that held by the United States. Consequently, one of the first questions which would be asked if such a project were proposed at the University of Illinois would be whether the University is prepared to deed to the Government a site for such a building.

In the opinion of the University Counsel, there is no question concerning the power of the Board of Trustees to convey land to the Federal government, should that be deemed advisable. The only question is one of policy.

This report was received for record. It was the sense of the Executive Committee and of the members of the Board who were present that such a laboratory building should be secured if possible.

ADMISSION OF STUDENTS FROM OTHER COLLEGES AND UNIVERSITIES

(15) The University Senate recommends approval of the following regulation to govern the admission from other institutions of students with poor scholastic records:

A person whose record at some other institution comes within either of the following classifications may enter the University only on approval of the Dean of the College concerned and under conditions imposed by him:

1. A person dropped from another institution for poor scholarship or for disciplinary reasons. (In the latter case he must also obtain approval of the University Senate Committee on Discipline.)

2. A person whose record shows as much as fifty per cent (or more than 25 semester hours or the equivalent) of unsatisfactory work, i.e., unremoved failures and credits earned with grades equivalent to the lowest passing grade in the University of Illinois.

On motion of Dr. Meyer, these regulations were adopted.

FEBRUARY DEGREES

(16) The University Senate recommends the following candidates for degrees, as indicated in each case, to be conferred in February, 1937.

On motion of Dr. Meyer, these degrees were conferred as recommended.

SUMMARY OF DEGREES, FEBRUARY, 1937

Degrees in the Graduate School, conferred at Urbana:

Doctor of Philosophy.....	37
Master of Arts.....	27
Master of Science.....	31

Total, Graduate School, Urbana..... 95

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences.....	41
Bachelor of Science, College of Liberal Arts and Sciences.....	13
Bachelor of Science, College of Commerce.....	24
Bachelor of Science, College of Engineering.....	19
Bachelor of Science, College of Agriculture.....	29
Bachelor of Science, College of Education.....	31
Bachelor of Science, College of Fine and Applied Arts.....	1
Bachelor of Music, College of Fine and Applied Arts.....	1
Bachelor of Science, School of Journalism.....	5
Bachelor of Science, Library School.....	1

Total, Baccalaureate Degrees, Urbana..... 165

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	8
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<i>Total, Degrees Conferred at Urbana.....</i>	<i>268</i>
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Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Medicine.....	11
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Degrees in the Graduate School, conferred at Chicago:

Doctor of Philosophy.....	1
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Master of Science.....	5
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<i>Total, Graduate School, Chicago.....</i>	<i>6</i>
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<i>Total, Degrees Conferred at Chicago.....</i>	<i>17</i>
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<i>Total, Urbana and Chicago, February, 1937.....</i>	<i>285</i>
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GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Agronomy

LLOYD VINCENT SHERWOOD, B.S., M.S., 1931, 1932

In Animal Husbandry

JOHN HENRY QUISENBERRY, B.S., Texas Agricultural and Mechanical College, 1931; M.S., 1933

In Bacteriology

NORMAN CALLENDER LAFFER, B.S., Allegheny College, 1929; M.S., University of Maine, 1932

In Botany

CHARLES LA MOTTE, A.B., A.M., University of Texas, 1929

In Chemistry

MERTON MONROE BECKWITH, B.S., M.S., 1933, 1934

JAMES HOWARD BROWN, A.B., Wabash College, 1932; M.S., Vanderbilt University, 1933

JEROME GEORGE BURTLE, B.S., Knox College, 1932

RAYMOND WARNER CAMPBELL, A.B., Knox College, 1929; A.M., Harvard University, 1932

HENRY BENEDICT FISHER, JR., B.S., Antioch College, 1932

EUGENE HARVEY HUFFMAN, A.B., University of Colorado, 1927; M.S., University of Washington, 1929

THURSTON ERIC LARSON, B.S., 1932

PAUL WARREN LEPLA, B.S., M.S., 1932, 1934

EDWARD ARTHUR PARKER, B.S., M.S., 1930, 1932

LEONE ANNE RUBERG, A.B., Lawrence College, 1930; A.M., 1934

LAURENCE LELAND RYDEN, A.B., Central College, 1931; A.M., University of Missouri, 1933

JOHN HENRY SHENK, B.S., M.S., Kansas State College of Agriculture and Applied Science, 1929, 1931

HENRY RUSSELL TODD, A.B., Illinois College, 1932; M.S., 1933

WILSON VINCENT UPTON, B.S., Monmouth College, 1932; M.S., 1933

HARRY HERSCHEL WEINSTOCK, JR., B.Chem., Cornell University, 1933; M.S., 1934

In Classics

PAUL SHANER DUNKIN, A.B., DePauw University, 1929; A.M., 1931

CHAUNCEY EDGAR FINCH, A.B., A.M., 1930, 1932

LESLIE DENT JOHNSTON, A.B., A.M., Indiana University, 1929, 1931

In Economics

JAMES ELLWOOD AMOS, A.B., Colorado College, 1923; A.M., 1928

MERRILL COCHRANE GAY, A.B., Oberlin College, 1929; A.M., University of Michigan, 1931

In Engineering

WAN LI HUANG, B.S., Tangshan Engineering College, 1932; M.C.E., Cornell University, 1935
 WILLIAM RAY MORGAN, B.S., M.S., 1920, 1932

In English

ERIC VERNER SANDIN, B.S., Wesleyan University, 1920; A.M., Columbia University, 1926

In Geology

LOUIS CORDELL McCABE, B.S., M.S., 1931, 1933

In German

PAUL GERHARDT KRAUSS, A.B., Michigan State College, 1930; A.M., University of Wisconsin, 1931
 VERN WADE ROBINSON, A.B., DePauw University, 1929; A.M., 1931

In History

ALFRED TAFT LARSON, A.B., A.M., University of Colorado, 1932, 1933

In Physics

CARL NICHOLAS CHALLACOMBE, B.S., M.S., 1929, 1931

In Psychology

LUTHER LIVINGSTON MAYS, A.B., University of Tennessee, 1928; A.M., University of Chicago, 1930

In Romance Languages

ESTHER FRANCES BARNETT, A.B., James Millikin University, 1927; A.M., 1929
 MARVIN ELLIS BUTTERFIELD, A.B., Simmons University, 1927; A.M., Oklahoma University, 1930
 ROBERTA MYRTLE RIEGEL, A.B., Central College, 1915; A.M., University of Chicago, 1926

In Zoology

JOHN DARY MIZELLE, B.S., M.S., Louisiana State University, 1932, 1933

Degree of Master of Arts*In Chemistry*

FULTON LAVELLE JOHNSTON, A.B., Mississippi College, 1934

In Economics

LOWELL KIRKPATRICK, A.B., 1935
 ARNOLD FREDERICK SIMON, A.B., 1933

In Education

CLAUDE HARLAN AMMON, B.Ed., Illinois State Normal University, 1930
 GILBERT LLOYD ANDERSON, A.B., Augustana College, 1928
 MYRON GILBERT ARMSTRONG, B.Ed., Western Illinois State Teachers College, 1935
 BEULAH BERNICE BARRICK, B.S., 1929
 JOHN IRA HAY, A.B., Carthage College, 1926
 GUY JAMES McCLURE, B.Ed., Illinois State Normal University, 1932
 MAYO LUTHER MAGILL, A.B., McKendree College, 1927
 LEROY ELBERT MECAY, B.S., Lincoln College, 1929
 DALE BROWER MULLEN, B.Ed., Western Illinois State Teachers College, 1927
 GLENN VIRGIL RAMSEY, A.B., Indiana Central College, 1932
 CLIVE RAYMOND REYNOLDS, B.Ed., Illinois State Normal University, 1928
 GUS FRANCIS ROTH, B.Ed., Southern Illinois State Normal University, 1933
 MYRON COOPER WALKER, A.B., Olivet College, 1934; A.B., 1935
 GREYDON MILFORD WORBOIS, A.B., Greenville College, 1935

In English

GERALDINE FRANCES THOMPSON, A.B., Lindenwood College, 1928

In History

LEOTA MAEBRA MILLER, A.B., 1930

PAUL SATTERFIELD, A.B., 1935

ROBERT WILLIAM ULLOM, B.Ed., Illinois State Normal University, 1932

In Library Science

MARY ELIZABETH SILVERTHORN, A.B., University of Alberta, 1925; B.S.(Lib.), 1928

In Physics

FREDERICK WILLIAM STALLMANN, A.B., Illinois College, 1935

In Political Science

CARL WESLEY GAMER, Ph.B., University of Chicago, 1922; S.T.B., Boston University School of Theology, 1925

MAXIMINO BERNARDO DE GUZMAN, A.B., 1936

In Psychology

MARY JOSEPHINE KIENTZLE, A.B., 1936

In Sociology

HELMUT OTTO DAHLKE, A.B., 1935

Degree of Master of Science*In Accountancy*

FREDERICK EUSTACE BROWN, A.B., Marshall College, 1935

CHING-HAI CHI, A.B., National Tsing Hua University, 1933

In Agricultural Economics

JOSEPH CLEMENT MURPHY, B.S., 1926

RAY HOLT TEAL, B.S., 1935

WALTER JOE WILLS, B.S., 1936

In Bacteriology

PARKER REYNOLDS BEAMER, A.B., 1935

ANNA IRENE ROSE MOORE, B.S., 1933

In Chemistry

RICHARD JAMES CHRISTMAN, B.S., 1936

FREDERICK COOK, B.S., 1936

RACHEL CAROLINE HEALD, B.S., Middlebury College, 1933

WILLIAM CLAUDE LANG, B.S., McKendree College, 1934

SISTER MARY JOAN PREISING, O.S.F., A.B., DePaul University, 1926

In Civil Engineering

BEDROS KAYAYAN, B.S., Robert College, 1933

CHING KONG TSAO, B.S., Fuh Tan University, 1933

EROL YALTKAYA, B.S., Robert College, 1935

In Education

FRANCES ELEANOR DONAHUE, A.B., 1924

THEODORE ALVIN NELSON, B.S., Knox College, 1928

ELIZABETH CHAPLAIN PICKELS, B.S., 1935

HOWARD HAROLD RICE, Ph.B., Shurtleff College, 1925

ELI FRANKLIN RING, B.S., 1932

HAROLD TEITELBAUM, B.S., 1936

AITKEN F. YOUNG, B.S., 1931

In Entomology

CLARENCE WILLIAM BILLS, A.B., James Millikin University, 1930

In Library Science

DOROTHY JEANNE HILL, B.S., B.S.(Lib.), 1932, 1933

In Mathematics

LILA GENE SHERRITT, B.S., 1935

In Physics

WILFORD GRIFFIN AKIN, B.Ed., Southern Illinois State Normal University, 1927

JOHN WESLEY CLARK, A.B., University of Montana, 1935

FRAZER RICE TURRENTINE, B.S., 1934

In Zoology

CHARLES THEODORE BLACK, A.B., 1935

WILLIAM WASHINGTON BUCHANAN, JR., Ph.C., B.S., 1933, 1936

ARTHUR WRIGHT HENDERSON, A.B., Illinois College, 1932

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts*In Liberal Arts and Sciences*

EDWARD ALLMAN

JESSIE SAWYER BISHOP, with Honors in
Spanish

HARRIET JEWEL BROWN

SALLY ELIZABETH CARNAHAN

LEONARD CARRIERE

JOHN WILLIAM COULMAN

JAMES WHEELER DAVIS

WAYVE AURILLA DAVIS

JAY REED DELANO

ROBERT SINCLAIR DIETZ

WALTER HEADEN DRAPER

WILMA FARRIS

GRACE AUDREY FEINBERG

MARJORIE MAURENE FELL, with Honors
in EnglishWILLIAM ROWE FORSYTHE, with High
Honors in Chemistry

JACK NATHAN GROSS

RALPH J. GUSSMAN

JACK MORTON HARRIS

JEANNETTE LESLIE HICKOX

CATHERINE RUTH HOLMES

WILLARD EUGENE HUBBARD

JOHN MORRIS JOHNSON

THELMA GERALDINE JOHNSON

JEANNETTE COOK KIBLER

CLAYTON KIRKPATRICK, JR., with Tu-
torial Honors in English

JOHN EDWARD KOHLER

WILLIAM JOHN LAW, JR.

ORVAL WESLEY LUCIER, with Honors
in Political Science

ELIZABETH LOUISE MARKUNAS

RUTH AZALEA MOLL

KITTY DAVIS NICHOLSON

RUTH NOTKIN

JAMES FERGUS ORR, JR.

GERALD WATERS PECK, with Honors in
Economics

DONALD ERNEST PHELPS

RICHARD MARTIN SHELTON

GILBERT ALLAN SMITH

GEORGE BUSEY TAWNEY

MELVIN WILLIAM TROTIER

NORMAN MORRIS WEED

CHARLES RALPH WILLIAMS

Degree of Bachelor of Science*In Liberal Arts and Sciences*

HIRAM DAVID GOOCH

DAVID RICHARD LINCICOME, with High
Tutorial Honors in Zoology

EDGAR LEWIS MOORMAN, JR.

WILLARD ORNER NELSON

In Chemistry

ARTHUR BERGER

FREDERICK FERDINAND GIESE

HARRY LESTER HYNDMAN, JR.

HARRY LOUIS YABLUNKY, with Honors

In Chemical Engineering

JAMES GORDON HUNTER

GEORGE LAWRENCE MEHL

CLYDE DAVIS SEGNER

EURY ELSTON STRANGE

GLENN CLARENCE HIRE CARBER WILLIAMS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

EMIL FRANCIS FERNHOLZ
JOHN LOUIS MORTON

CHARLES RICHARD REIFSTECK
WILLIAM COMER WAGGONER, JR.

In Banking and Finance

WILLIAM WALTER PAUL CHARLÉ

JOHN HAMILTON LANGLEY

In Foreign Commerce

CHARLES MONROE ANDERSON

In General Business

GEORGE WILLIAM ADIS
JAMES HENRY ASHBROOK
JAMES JOSEPH BUTLER
ROBERT PLEASANT COTHERN, JR.
ROY PAUL GRIFFIN
GEORGE BRIGGLE GUTHRIE
EMMA REE HUBBS
ALVA KENDALL HUFF

GLADYS GRACE JONES
LUCILLE MAXINE McMAHAN
ROBERT DAVID POOLE
ROBERT STEVENS RUMMLER
ROY JOSEPH SCHULTZ
WESLEY EDWIN STARK
JACK CHARLES SWENEY
DON MARTIN TROLL

In Industrial Administration

KARL K. LACHER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Agricultural Engineering

WILLARD HERBERT BIXBY

In Ceramic Engineering

HOWARD JOSEPH CAQUELIN

CHARLES ROBERT FILIPPI

In Civil Engineering

JAMES LAWRENCE BRIERTON
RICHARD WILLIS GARDNER
CHARLES DOMINIC GAUDIO
RICHARD FERDINAND HUXMANN

CLARENCE HERBERT KADOW
QUENTIN MARTIN MOONEY
JOHN HRONYECZ NORSE

In Electrical Engineering

WILFRED GERALD BUCK
HAROLD LOGAN GARTON
HARRY BRUCE PIPER, JR.

HAROLD JACK ROSENBERG
EDWARD WAGNER

In Mechanical Engineering

WILLIAM ARTHUR BERGER
WILLIAM DELMAR RADDATZ

KENNETH WILLIAM SMITH

In Mining Engineering

JOHN SUTHERLAND LANGWILL

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

FRANKLIN HATCH ALLEN
JOE M. BOGDANSKY
LOUIS FRANKLIN BORN
JOHN FELIX BORON
J. ELDIE COPLAN
MELVIN PHILLIP GEHLBACH

ROBERT S. HOPSON
LAWRENCE EMMERSON HOUSE
CHARLES MORRIS JOHNSON
HUGH NEIL JONES
KENNETH EDWARD KINSINGER
JOHN FREDERICK MEHARRY

ESTEL EBERT MILLER
 JAMES EVANS MURPHY
 VERN HELLYER ORUM
 JOHN CLARENCE PFEFFER, with Honors
 RONALD THOMAS RANSON, with High Honors

ROBERT WORTH RHINEHART
 ENNIS CORNELIUS SULLIVAN
 ALFONSO VETERANE, JR.
 WILLIAM CORNELIUS WALKER
 GEORGE HAYS WALTER
 ERNEST VERNA WININGS

In Floriculture

WILLIAM RAY RANDALL

In Home Economics

JANET EUNICE BUCK
 ELIZABETH ABIGAIL COLEAN
 HELEN AMELIA MIES

LUCIBERT TIPPIT
 OLIVE ELIZABETH WATHEN, with Honors

COLLEGE OF EDUCATION
 Degree of Bachelor of Science
In Education

PLINY ARNOLD ADAMS
 ARTHUR CHARLES ANDERSON
 JOSEPH ROBERT BELL
 DOROTHEA MAE BERRY, with Honors in Education
 BERNICE ALENE BLACK
 RUTH ELLA BOOT
 OLIVE SARAH CARTER
 JEROME LESTER DAVIS
 LEONARD FEINBERG
 ROSANNE GARRISON
 TRIPOLI THOMAS GENTILE
 LOUIE GRATCH
 KENNETH DOUGLAS GROSS
 JOHN RUDOLPH JURAVICH
 CLARENCE ARTHUR KRAFT

GLENN WATKINS MATHIS
 MAHLON BERTON MERCER
 ASTRID H. MUNSON
 STANLEY ORNSTEIN
 DONALD FRANCIS PEPPARD
 FORREST INGMAN PETERS
 ELSIE JEAN POIROT, with Honors in Education
 LILBOURNE LESTER RICE
 KATHERINE BERNICE RIORDAN
 KENNETH WALTER ROBINSON
 LILLIAN BETSY SEGEL
 HERMAN MAURICE STOKES
 HELEN JEAN THOMSON
 HAZEL THORNTON
 EDWARD WILLIAM WEBER

In Home Economics Education

MARIAN MALINDA ANDERMANN

COLLEGE OF FINE AND APPLIED ARTS
 Degree of Bachelor of Science
In Architectural Engineering

TING TSUNG WANG

Degree of Bachelor of Music

MAHLON BERTON MERCER

COLLEGE OF LAW
 Degree of Bachelor of Laws

HARVEY HEATH ACTON, B.S., 1935
 SAM BERGMAN, B.S., 1935
 RALPH HERBERT BROUILLETTE, B.S., 1932
 LOUIS EUGENE LEITER, A.B., 1935
 BENJAMIN E. NEFF, A.B., 1934

WILLIAM FREDERICK JOHN SCHULZ, A.B., A.M., 1933, 1934
 WILLIAM STEWART SCOVILL, B.S., 1935
 ESPEY CARL WILLIAMSON, A.B., 1933

SCHOOL OF JOURNALISM
 Degree of Bachelor of Science
In Journalism

MARY JANE BAKER
 MARJORIE JANE BYERS
 ROBERT ALDRIDGE KLOCKAU

WILLIAM AUGUST MARSTELLER
 FRANCES BLAIR PRIDE

LIBRARY SCHOOL

Degree of Bachelor of Science*In Library Science*

BECKY MAY SANFORD, A.B., Blue Mountain College, 1934

COLLEGE OF MEDICINE

Degree of Bachelor of Science*In Medicine*

MORRIS ABRAMS

DUNCAN BIDDLECOMBE

HORACE PEARSE CHRISTIAN

ROBERT FULLER DEARBORN

FREDERICK LEROY EAGLESTON, JR.

IRWIN EARLE GAYNON

WALTER CURTIS KINSER

MAX EDWARD KLEIN

JACK LEVIN

HARRY DEWITT NESMITH

CLIFFORD H. PETERS

GRADUATE SCHOOL (CHICAGO)

Degree of Doctor of Philosophy*In Bacteriology*

EMIL WEISS, M.D., University of Prague, 1919

Degree of Master of Science*In Bacteriology*

WALTER RICHARD HESS, B.S., University of Nebraska, 1927

In Orthodontia

JOHN MONROE SPENCE, B.S., D.D.S., 1933, 1935

In Physiology

MURIEL EUNICE LESSER, B.S., University of Chicago, 1932

In Surgery

WILLIAM PHILIP KLEITSCH, B.S., 1934

WALTER SHRINER, B.S., 1935

GEORGE HUFF GYMNASIUM

(17) The life of the late Director George Huff and his services to the University are such a significant part of its history that there should be a fitting memorial or memorials to him.

A committee representing alumni, members of the Board of Trustees, and the faculty of the University, was appointed to consider this matter and make specific recommendations. For immediate consideration this committee has unanimously recommended that the new Men's Gymnasium be named the "George Huff Gymnasium" with the name appropriately inscribed on the building over the entrance and a dedicatory plaque within the building to supplement this designation. The committee also recommends the raising of a memorial fund the income from which shall be used to provide scholarships, fellowships, lectureships, or similar awards in the School of Physical Education, the exact details of which would be worked out later.

In submitting this recommendation, both the committee and I feel that the naming of the Gymnasium for Director Huff should not eliminate other ideas for memorials which may be considered in the future.

This matter was discussed at length. It was the opinion of the members of the Board who were present that the recommendation should be approved.

On motion of Dr. Meyer, the new Men's Gymnasium was named the "George Huff Gymnasium" and the President of the University was authorized to take the necessary steps to make this designation effective.

USE OF UNIVERSITY BUILDINGS ON SUNDAYS

(18) On December 19, 1912, the Board of Trustees adopted certain regulations proposed by the University Senate restricting the use of University buildings on Sundays to cases of special necessity and not for ordinary every-day work. In 1930 the Board authorized the use of the University tennis courts and the golf course on Sunday afternoons. In recent years the Physical Plant Department has received numerous requests for the use of University buildings on Sundays for various meetings. A restatement of University policy is necessary in the interest of consistency and orderly administration. The Director of the Physical Plant Department recommends adoption of the following regulations in which I concur:

1. The use of the Tennis Courts, Golf Course, and Skating Rink is permitted after 1:00 p.m. on Sunday.
2. Meetings of student organizations on Sunday will be prohibited except those of general public interest and to which admission is free.
3. Buildings may be used on Sunday for organ recitals, floral and art exhibits, and for other general University functions which cannot properly be held except on Sunday.
4. Buildings may be used on Sunday for care and feeding of animals, observations on continuous experiments, and when necessary, for the operation and maintenance of the Physical Plant.
5. The Library reading room will be open on Sunday afternoons to students and faculty for study purposes.
6. The use of University buildings on Sunday by staff members for any emergency work of the various departments will be permitted on the written recommendation and statement of the head of the department or other administrative officer concerned to the Physical Plant Department that an emergency exists and the work must be done on Sunday.

On motion of Dr. Meyer, these regulations were adopted.

LOCATION OF STUDENT CENTER BUILDING

(19) At its meeting on November 21, 1936 (Minutes, page 120), the Board discussed the architectural services and site for the proposed Student Center Building. I wish to report that other sites, in addition to the one discussed at that meeting, are being studied and will be submitted to the Board for its consideration at a later date.

This report was received for record.

SALE OF ROSELAWN CEMETERY LOTS

(20) The Board of Trustees has authorized the sale of the lots owned by the University in Roselawn Cemetery (May 27, 1936, Minutes, page 659). The Director of the Physical Plant Department recommends the sale of the Roselawn Cemetery holdings according to the following plan:

1. Until such time as a buyer can be found for the entire area owned by the University that the sale of lots to individuals be approved and an office be designated with the authority to complete the transactions subject to the following conditions:
 - a. That a price per quarter lot of not less than \$75 nor more than \$125 be authorized, purchasers to assume the cost of recording the deeds.
 - b. That the transfer of title shall restrict use to burial purposes and prohibit erection of mausoleums.
 - c. That the purchasers agree to endow the lots through the Roselawn Cemetery Association, the cost of which is \$25 per quarter lot.
2. That when the salable property owned by the University has been liquidated under the above procedure, leaving only the drives, potter's field, and irregularly shaped areas, the latter be deeded back to the Roselawn Cemetery Association.
3. That the quarter lots on which the University has previously authorized burials be sold at \$100 a quarter lot (10' x 12') with the exception of that on which Director George Huff is buried. It is recommended that this lot be exchanged for one owned by Mrs. Huff in another part of the cemetery.

In the liquidation of the University's investment in the Roselawn Cemetery according to the above procedure, I recommend that the Physical Plant Department and the Business Office be authorized to administer the sales and to complete the transactions involved.

After full discussion, on motion of Dr. Meyer, the sale of the lots was authorized as recommended.

LECTURES ON ILLINOIS

(21) A special committee of the University faculty has been considering certain proposals relating to methods of informing undergraduate students about the essentials of Illinois government and finance. One of these proposals was a suggestion from former Director K. L. Ames, Jr., of the State Department of Finance, that the University offer a general course in public finance and taxation to be required of all students.

The Committee has given careful consideration to this proposal and to various suggestions that came out of a conference which was held with the Director and his colleagues in November. Certain other suggestions have been received from members of the faculty. As a result of its deliberations, the Committee has come to the following conclusions:

It would not be advisable to establish a special course in Illinois finance and taxation to be required of all students, because

a. The establishment of such a course would probably lead to a demand for other required courses dealing with other types of public problems.

b. The budgetary, administrative, and educational problems would probably out-weigh the benefits of such a course.

Neither does it seem advisable to establish a special elective course, because

a. It is doubtful that an appreciable number of students would be interested in such a limited course.

b. There are at present several courses offered, particularly by the Departments of Economics and Political Science, in which students who are interested can secure a knowledge of such problems.

The Committee is of the opinion that any additional formal instruction given in Illinois problems should not be limited to taxation and finance, but should be of a broader scope and include the study not only of the problems of local and State government, but problems of social and economic welfare. Such a course would cut across departmental lines, and should probably be under the jurisdiction of the Division of Social Sciences, which is already considering the possibility of a general survey course of that type.

Pending the establishment of formal instruction of that type, the Committee makes the following recommendations:

I. That provision be made by the University for a series of lectures on special Illinois problems of current importance. (There should be not more than six such lectures during the present semester, and later these should be reviewed with the thought that a permanent annual series might be provided.)

II. That those invited to give these lectures should generally be persons in state or local office, or others experienced or expert in the various problems.

III. That an appropriation of \$200 be made for the expenses of such a series during the present semester.

IV. That these lectures be arranged and administered by the Division of Social Sciences.

I concur in these recommendations, with the exception of Item IV, to which I should add the statement, "under the sponsorship of the University Committee on Lectures." The general lectures fund or other funds available for such purposes should be able to take care of the cost, at least for the present, so that an additional appropriation will not be necessary.

On motion of Dr. Meyer, the President of the University was authorized to arrange for such lectures.

APPOINTMENTS OF DIRECTOR OF ATHLETICS AND DIRECTOR OF THE SCHOOL OF PHYSICAL EDUCATION

(22) For many years the administration of physical education and intercollegiate athletics was under the late Director George Huff. Following his death the administration of the School of Physical Education and of Intercollegiate Athletics was temporarily divided between two acting directors. It is impossible to find in one individual the qualities of character, personality, experience, and leadership possessed by the late Director Huff which made his administration of the combined program so eminently successful for a great many years. The temporary division of the physical education and athletics program under two heads has proved so satisfactory during the past few months that I recommend the separation of the work into two administrative divisions—(1) the School of Physical Education and (2) the Department of Athletics.

The by-laws of the Athletic Association provide that its Board of Directors shall appoint a Director of Intercollegiate Athletics (who may also serve as Director of the School of Physical Education, but the by-laws clearly recognize a possible separation of the two positions), subject to approval of the Board of Trustees. The question of whether he shall also serve as Director of the School of Physical Education is likewise subject to the decision of the Board of Trustees.

The Board of Directors of the Athletic Association has unanimously recommended that Wendell S. Wilson, at present Acting Director of Athletics, be appointed Director of Athletics at an annual total salary of \$6,000 (including any part thereof to be paid by the University) beginning March 1, 1937.

I concur in this recommendation and recommend further that Director Wilson be appointed Associate Professor of Physical Education for Men on indefinite tenure beginning March 1, 1937, at a University salary of \$1,500 a year.

I also recommend that Seward C. Staley, Professor of Physical Education for Men and Acting Director of the School of Physical Education, be appointed Director of the School of Physical Education, Professor of Physical Education for Men, and Head of the Department, effective March 1, 1937, at a total salary of \$6,000 a year. The University Statutes provide that Deans and Directors shall be appointed biennially by the Board of Trustees (the period being coincident with the fiscal biennium) so that Director Staley's administrative appointment should be until September 1, 1937, when it will be subject to renewal for two years in the same way as other appointments to such positions.

After full discussion, on motion of Dr. Meyer, these appointments were made as recommended.

NATURAL RESOURCES BUILDING FOR STATE SURVEYS

(23) As reported to the Board on various occasions, the Department of Registration and Education has applied to the Federal Emergency Administration of Public Works for a grant of funds to aid in the construction of a building at the University for the State Geological and Natural History Surveys. This project will also require a State appropriation. Since the University has made no provision for such a building, or for the sponsor's share of the cost in a Federal aid project, in its biennial budget for 1937-1939, it will be necessary for the Department of Registration and Education to secure a separate appropriation for this purpose. Such an appropriation would be made to the Department but the building would be constructed on the grounds of the University. It is, therefore, desirable that there be an agreement between the Department and the Board of Trustees of the University concerning the construction of the building.

A memorandum of understanding and draft of a bill for a State appropriation for this building are submitted for your consideration. (Copies are filed with the Secretary of the Board for record.)

On motion of Dr. Meyer, the memorandum and draft of bill were approved.

PURCHASES RECOMMENDED

(24) A recommendation that the following purchases be authorized:

1. 236 cases Pyrex Laboratory Glassware for stock for the General Chemical Storeroom at a price of approximately \$5,500, from E. H. Sargent and Company, Chicago. The Corning Glass Works is the only concern manufacturing this type of laboratory glassware, and it is sold through jobbers at prices fixed by the manufacturer. This is a non-competitive item, and the Purchasing Agent recommends that the order be given to the Sargent Company because of the service it can render.

2. Equipment for automatically switching from University electrical current to Illinois Power and Light current, from the Westinghouse Electric and Manufacturing Company, low bidder, at a price of \$1,144, f.o.b. factory, freight allowed.

3. Equipment for Industrial Education (1 lathe, 1 surfer, and 1 mortiser for Industrial Education Shop), from the Yates-American Machine Company, the low bidder, at a price of \$1,977.60, f.o.b. Urbana.

On motion of Dr. Meyer, these purchases were authorized.

PURCHASES AUTHORIZED

(25) A report of the following purchases authorized by the President of the University in accordance with the University Statutes:

1. Bi-plane fluorograph, from the General Electric X-ray Corporation, for the College of Medicine and the Research and Educational Hospital at a cost of \$4,975. This equipment has to be built to order. The cost of it is to be shared jointly by the Department of Public Welfare and the University. An appropriation of \$2,500 has already been made by the Board for this equipment.

2. White lead, 20 tons, from Eagle Picher Lead Company, at a price of \$8.37 cwt., f.o.b. Urbana, at a total cost of \$3,348. This was one of several low bids, and the order was placed with this Company because the Physical Plant Department prefers its lead to that of other producers.

On motion of Dr. Meyer, the action of the President of the University in authorizing these purchases was confirmed.

LORADO TAFT COLLECTION OF PLASTER CASTS

(26) In accordance with the instructions of the Board of Trustees at its meeting on January 29, a further investigation has been made of the possibility of purchasing from the family of the late Lorado Taft his entire collection of plaster casts. The matter was presented to the Committee on General Policy with the recommendation that the Committee inspect the collection and make a report to the Board at this meeting.

This matter was discussed but no action was taken.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

O. M. KARRAKER, *Chairman*
KARL A. MEYER

SECOND SESSION, FEBRUARY 27, 1937

When the Board convened after the recess, the same persons were present as during the morning session.

PLACE AND DATE OF ANNUAL MEETING

The Board voted to hold the annual meeting at 9:30 a.m. on Tuesday, March 9, 1937, at the Blackstone Hotel, in Chicago.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Purpose</i>	<i>Tenure</i>	<i>Date</i>
The University of Chicago	Lease of real estate in Chicago	Three years from November 1, 1936	January 20, 1937

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Burnette, Paul Jean, Assistant in the Loan Department of the Library, on one-half time, for seven months beginning February 1, 1937, at a cash compensation at the rate of fifty-four dollars sixteen cents (\$54.16) a month. (January 30, 1937)¹

Carlson, John Richard, Bookkeeper in the Accounting Division of the Business Office, for six months beginning March 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 17, 1937)

Cary, Milo Glen, Supply Officer in the Military Department, beginning February 1, 1937, and continuing through June 15, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, in addition to the amount paid by the United States Government, for which the University assumes no responsibility. (February 5, 1937)

Cary, Roderick Charles, Assistant in Chemistry, on one-half time, beginning February 15, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 23, 1937)

Childs, Alice, Instructor in Medicine, in the College of Medicine, beginning February 19, 1937, and continuing through August 31, 1937, without salary. (February 26, 1937)

Cline, Polly Faye, University Graduate Stenographer in the Department of Pharmacology and Therapeutics, in the College of Medicine, for six months beginning March 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes her previous appointment). (February 13, 1937)

Cogburn, Maxwell Ben, Assistant in Accountancy, on three-fourths time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 30, 1937)

Coombe, John Van Veghten, Special Research Assistant in Civil Engineering, in the Engineering Experiment Station, beginning February 15, 1937, and continuing until further notice, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 16, 1937)

Corse, Joseph Walters, Assistant in Chemistry, on one-fourth time, beginning February 15, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 23, 1937)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Dahmus, Joseph Henry, Assistant in History, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 16, 1937)

Dec, Joseph, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (January 30, 1937)

Einhorn, Raymond, Junior Accountant in the Business Office, on one-half time, for seven months beginning February 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 13, 1937)

Flynn, Charles Everette, Assistant in Journalism, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 4, 1937)

Foster, Creston John, Assistant in Journalism, on one-half time, for four months beginning March 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 27, 1937)

Hall, Darl Merideth, Extension Project Supervisor with the rank of Assistant Professor, in the Extension Service in Agriculture and Home Economics, for six months beginning March 1, 1937, at a cash compensation at the rate of three thousand dollars (\$3000) a year. (February 19, 1937)

Henry, Neal, Assistant in Education, on one-fifth time, for five months beginning February 1, 1937, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (February 22, 1937)

Huntington, Lucile, Assistant in the Loan Department of the Library, on two-thirds time, for seven months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes her previous appointment). (January 30, 1937)

Itnner, Robert Theodore, Assistant in German, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes his previous appointment). (February 19, 1937)

James, Joseph Bliss, Assistant in History, on one-half time, beginning February 5, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 16, 1937)

Johnson, Alfred Anton, Assistant in Chemistry, on one-half time, beginning February 15, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 23, 1937)

Kendall, Willmoore, Assistant in Political Science, on three-fourths time, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (February 12, 1937)

Kimmelschue, Florence Ada, Extension Specialist in Junior Club Work, in the Extension Service in Agriculture and Home Economics, beginning February 8, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (February 2, 1937)

Kirkham, Edward James, Jr., Assistant in Accountancy, on three-fourths time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (January 30, 1937)

Kleinberg, Jacob, Assistant in Chemistry, on one-third time, beginning February 15, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (February 23, 1937)

Krebs, Karl Frederick, Special Research Assistant in Chemistry, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 10, 1937)

Manchester, Gertrude Bradley, Instructor in Physical Education for Women, for four months beginning February 1, 1937, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (February 8, 1937)

Markunas, Peter Charles, Assistant in Chemistry, on one-fourth time, beginning February 15, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 23, 1937)

Markus, Chris Walter, Assistant in Zoology, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 10, 1937)

Masten, John T., Fellow in Economics, for five months beginning February 1, 1937, at a stipendium at the rate of fifty dollars (\$50) a month. (February 26, 1937)

Matthies, Richard Arthur, Assistant in Surgery, in the College of Medicine, for seven months beginning February 1, 1937, without salary. (February 5, 1937)

Mauk, Mrs. Mary Forester, Stenographer and Clerk, in the Extension Service in Agriculture and Home Economics, for six months beginning March 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 18, 1937)

Mueller, Max Best, Assistant in Chemistry, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 30, 1937)

Munson, Mrs. Marjorie Cekander, University Junior Accountant in the Business Office, for six months beginning March 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 12, 1937)

Olson, Emery Donald, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, beginning February 1, 1937, and continuing through February 1, 1939, excepting July and August of each year, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 10, 1937)

Orum, Vern Hellyer, Special Research Assistant in Entomology, in the Agricultural Experiment Station in cooperation with the State Natural History Survey Division, on one-half time, beginning February 15, 1937, and continuing until further notice, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 15, 1937)

Pattin, Howard Sparling, Assistant in Physics, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty-five dollars (\$35) a month (this supersedes his previous appointment). (February 9, 1937)

Peppard, Donald Francis, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (February 3, 1937)

Pettee, James Charles, Assistant in Economics, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 16, 1937)

Porter, Curt Culwell, Assistant in Chemistry, on one-fourth time, beginning February 15, 1937, and continuing through June 30, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 23, 1937)

Ranson, Ronald Thomas, Assistant in Agricultural Economics Extension, in the Extension Service in Agriculture and Home Economics, on one-half time, beginning February 16, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 3, 1937)

Reed, Jesse Paul, Assistant in English, on one-third time, for five months beginning February 1, 1937, at a cash compensation at the rate of forty-eight dollars thirty cents (\$48.30) a month. (January 30, 1937)

Roberts, Mary, Assistant in the Order Department of the Library, on four-fifths time, for seven months beginning February 1, 1937, at a cash compensation at the rate of ninety-three dollars thirty-three cents (\$93.33) a month. (January 30, 1937)

Robinson, John Wendell, Jr., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 5, 1937)

Scherbarth, Lydia Christine, X-Ray Technician in the Department of Roentgenology, in the College of Medicine, beginning March 1, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 22, 1937)

Schwartz, Harry Robert, Assistant in Medicine, in the College of Medicine, beginning February 19, 1937, and continuing through August 31, 1937, without salary. (February 23, 1937)

Soderwall, Arnold Larson, Assistant in Zoology, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 19, 1937)

Stubing, Charles Harry, Assistant in German, on three-fourths time, for five months beginning February 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (February 19, 1937)

Terry, Henrietta Pearl, Teacher in the University High School, for five months beginning February 1, 1937, at a cash compensation at the rate of one hundred forty dollars (\$140) a month (this supersedes her previous appointment). (February 22, 1937)

Varnum, Edward Ernest, Assistant in Civil Engineering, in the College of Engineering, on part time, for four months beginning February 1, 1937, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (February 16, 1937)

Weber, Ernest Maynard, Assistant in Bacteriology, on one-half time, for five months beginning February 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 19, 1937)

Whiteside, Eugene Perry, Assistant in Agronomy, in the Agricultural Experiment Station, for seven months beginning February 1, 1937, at a cash compensation at the rate of one hundred fifteen dollars ninety-one cents (\$115.91) a month. (January 30, 1937)

Wolever, Frances Elizabeth, Assistant in Mathematics, on three-fifths time, for five months beginning February 1, 1937, at a cash compensation at the rate of eighty-one dollars (\$81) a month. (February 19, 1937)

Young, Dallas, Assistant in History, on one-fourth time, for five months beginning February 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 3, 1937)

RESIGNATIONS

The Secretary presented also for record the following list of resignations.

Adams, Mrs. Ruth Norman, Assistant to the Recorder and Examiner in the Registrar's Office (Chicago)—resignation effective April 1, 1937.

Anderson, Elma Peach, Assistant in the Order Department of the Library—resignation effective February 1, 1937.

Dutcher, Mrs. Charlotte Wascher, Stenographer in the Extension Service in Agriculture and Home Economics—resignation effective March 10, 1937.

Foy, Bernard Louis, Assistant in the Loan Department of the Library—resignation effective February 10, 1937.

Larrabee, David Marcel, Assistant to the Dean of Men—resignation effective February 15, 1937.

Marr, Richard Searl, Supply Officer in the Military Department—resignation effective January 31, 1937.

Thomas, Frank Peter, Special Research Assistant in Civil Engineering, in the Engineering Experiment Station—resignation effective March 1, 1937.

Wills, Walter Joe, Assistant in Agricultural Economics, in the Agricultural Experiment Station—resignation effective March 1, 1937.

Zwolank, Betty Louise, University Service Scholar in Romance Languages—resignation effective February 1, 1937.

The Board adjourned.

H. E. CUNNINGHAM
Secretary

O. M. KARRAKER
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

March 9, 1937



The annual meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Tuesday, March 9, 1937.

When the Board convened, the following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mr. Moschel, Dr. Meyer, Mrs. Plumb, Mr. Pogue; also Mr. George A. Barr, retiring member.

President Willard was present; also Mr. A. J. Janata, Assistant to the President.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 29, 1937.

On motion of Mrs. Plumb, the minutes were approved as printed on pages 145 to 168 above.

CELEBRATION OF SEVENTY-FIFTH ANNIVERSARY

Mr. Barr, for the Committee on General Policy, reported progress on the consideration of the celebration of the seventy-fifth anniversary of the University, and asked for more time for the Committee.

This report was received for record.

TAFT COLLECTION OF CASTS

Mr. Barr presented also for the Committee on General Policy a recommendation that the Taft collection of casts be purchased by the University, if the opinion of an outside expert confirms the valuation of this collection as represented.

This recommendation was approved.

ESTATE OF MR. CHARLES B. YOUNG, DECEASED

Mr. Barr presented the final report of the Executor in the Charles B. Young estate, with a recommendation that the Board accede to a request of the Executor that the Board enter its appearance in the Probate Court of Cook County and also consent to the entry of a decree granting the personal assets to certain legatees for use for life. The University is residuary legatee of this estate.

On motion of Dr. Meyer, these recommendations were adopted, and the Secretary of the Board was authorized to execute the entry of appearance and consent as recommended.

Mr. Barr withdrew.

ELECTION OF OFFICERS

On motion of Dr. Meyer, Mr. Pogue was appointed Chairman of the meeting for the election of the President of the Board.

MR. ORVILLE M. KARRAKER ELECTED PRESIDENT OF THE BOARD

Dr. Meyer nominated Mr. Orville M. Karraker for the office of President of the Board for the ensuing year.

On motion of Mr. Cleary, the nominations were closed, and the Secretary of the Board was instructed to cast the unanimous vote of the meeting for Mr. Karraker as President. The ballot was cast, and Mr. Karraker was declared elected President of the Board.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On motion of Mr. Moschel, Mr. Harrison E. Cunningham, of Urbana, was elected Secretary of the Board for one year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On motion of Dr. Meyer, Professor Lloyd Morey, of Urbana, was elected Comptroller for one year.

MR. FRANK M. GORDON ELECTED TREASURER

On motion of Mrs. Plumb, Mr. Frank M. Gordon, of Chicago, was elected Treasurer for two years, under the same conditions of collateral and bond as at present.

EXECUTIVE COMMITTEE ELECTED

Mr. Pogue nominated Mr. Oscar G. Mayer and Dr. Karl A. Meyer to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Mr. Moschel, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Mayer and Dr. Meyer as members of the Executive Committee. The ballot was cast, and Mr. Mayer and Dr. Meyer were declared elected.

TREASURER'S BOND

On motion of Mr. Pogue, the amount of the Treasurer's bond was fixed at \$500,000, and the Finance Committee was instructed to see that the Treasurer secure a satisfactory bond, and to report it to the Board for approval.

AUTHORITY TO RECEIVE MONEY

On motion of Mr. Moschel, the following resolution was adopted:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois.

DELEGATION OF SIGNATURES

On motion of Mr. Pogue, the following resolution was adopted:

Resolved, that the President and the Secretary of the Board of Trustees are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, to C. C. DeLong, to Lloyd Morey, and to Arthur Lincicome, the signing of his name as President of the Board of Trustees to vouchers against the State Auditor; and to delegate to H. B. Ingalls, to C. A. Webber, to Lloyd Morey, and to Arthur Lincicome, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to H. C. Oesterling and to Anna L. Neuber authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

STANDING COMMITTEES

In accordance with the By-Laws, the standing committees, appointed by President Karraker on March 11, 1937, are printed here.

Finance—OSCAR G. MAYER, Chairman, KARL A. MEYER, LOUIS C. MOSCHEL.

Buildings and Grounds—HOMER M. ADAMS, Chairman, LOUIS C. MOSCHEL, OSCAR G. MAYER, MRS. NELLIE V. FREEMAN, HAROLD A. POGUE.

Sub-committee on Landscaping—MRS. NELLIE V. FREEMAN, Chairman, HOMER M. ADAMS, MRS. GLENN E. PLUMB.

General Policy—JAMES M. CLEARY, Chairman, KARL A. MEYER, OSCAR G. MAYER.

Patents—HAROLD A. POGUE, Chairman, LOUIS C. MOSCHEL, MRS. GLENN E. PLUMB.

Chicago Departments—MRS. GLENN E. PLUMB, Chairman, KARL A. MEYER, JAMES M. CLEARY.

Affiliated Student Activities—MRS. NELLIE V. FREEMAN, Chairman, HOMER M. ADAMS, MRS. GLENN E. PLUMB.

Student Welfare—KARL A. MEYER, Chairman, HAROLD A. POGUE, LOUIS C. MOSCHEL.

Alumni—LOUIS C. MOSCHEL, Chairman, JAMES M. CLEARY, HAROLD A. POGUE.
Agriculture—HAROLD A. POGUE, Chairman, OSCAR G. MAYER, Mrs. NELLIE V. FREEMAN.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

VISIT OF THE GENERAL ASSEMBLY

(1) For many years it has been the custom of the General Assembly of Illinois to make a biennial inspection of the University in a body. The invitation to make the visit usually originates with the University, and I request authority to arrange for the inspection this year with the officers of the General Assembly.

On motion of Mrs. Plumb, the President of the University was authorized to arrange for this inspection.

LORADO TAFT COLLECTION OF PLASTER CASTS

(2) At its last two meetings the Board has considered the purchase of the late Lorado Taft's entire collection of plaster casts.

At the meeting on February 27, I presented a statement from Mrs. Ada B. Taft, Executrix of her husband's estate, offering to sell the collection to the University of Illinois for \$12,000 with the exception of Ghiberti's "Gates of Paradise" which was purchased by the Athletic Association of Hyde Park High School as a contribution to Mr. Taft's proposed museum of casts. When the plan for this museum was given up, the Hyde Park High School asked Mr. Taft to keep this piece in his own studio. There is a possibility that the Hyde Park High School will wish to donate this piece to the University if it purchases the entire collection.

It was suggested at the last meeting that the University secure an independent appraisal of the value of this collection by a competent authority on art. Dean Rexford Newcomb of the College of Fine and Applied Arts has secured such an estimate from Dr. John Shapley, Head of the Department of Art of the University of Chicago, who appraises the Taft collection of casts at a minimum of \$50,000.

On motion of Mrs. Plumb, the purchase of this collection was authorized, and an appropriation of \$15,500, or so much thereof as may be necessary, was made from the General Reserve Fund for the purchase and transportation of the collection, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Mayer, Mr. Wieland.

DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) A recommendation that the following be appointed members of the Board of Directors of the Athletic Association to serve from March 9, 1937, until the next annual meeting of the Board of Trustees, or until their successors have been appointed:

F. A. RUSSELL, Urbana
F. E. RICHART, Urbana
W. E. C. CLIFFORD, Champaign

J. P. KRATZ, Monticello
W. S. WILSON, Urbana

On motion of Mr. Pogue, these Directors were appointed as recommended.

ORGANIZATION OF DEPARTMENT OF ENGLISH

(4) Under the University Statutes, an academic department may be organized with either a head or a chairman, and the Statutes provide for a change of departmental organization from a headship to a chairmanship on recommendation of its members of the ranks of assistant professor and above.

In accordance with this procedure, it is recommended that the Department of English, which is at present on a headship basis, be organized with a chairman and

an executive secretary. Such was the organization of the Department for many years when the late Professor Stuart P. Sherman was Chairman.

I recommend further that Professor Harold N. Hillebrand be appointed Chairman of the Department for two years beginning September 1, 1937, at a salary of \$5,500, subject to further adjustment when the budget for 1937-1938 is made up, and that Professor B. L. Jefferson be continued as Executive Secretary of the Department.

On motion of Dr. Meyer, these recommendations were adopted.

LEAVE OF ABSENCE FOR DR. P. W. KETCHUM

(5) A recommendation that Dr. P. W. Ketchum, Associate in Mathematics, who is now on leave of absence without pay, be granted additional leave of absence without pay for the year beginning September 1, 1937, so that he may continue his work at the Institute for Advanced Study at Princeton University.

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

At this point, Mrs. Freeman took her place with the Board.

SCHOLARSHIPS FOR GRADUATES OF STATE TEACHERS COLLEGES IN ILLINOIS

(6) A recommendation that beginning with the academic year 1937-1938 there be established annual scholarships in the Graduate School available to graduates of the five State Teachers Colleges in Illinois (one scholarship annually for each institution) who are nominated by their institutions, on the same basis as the scholarships for graduates of the recognized four-year colleges of liberal arts in the State of Illinois. These scholarships are of two types—those carrying a stipend of \$300 and exemption from the payment of tuition, incidental, and laboratory fees, and honorary scholarships which provide only exemption from the payment of fees but no stipends. Candidates nominated by the colleges in Illinois who fail to qualify for scholarships with stipends are eligible for honorary scholarships, provided they meet the requirements of the Graduate School for such scholarships.

On motion of Dr. Meyer, these scholarships were established as recommended.

FEDERAL LEGISLATION ON MILITARY TRAINING

(7) A request from the War Department for the assistance of the University of Illinois at hearings before the Senate and House Military Affairs Committees on the Nye-Kvale Bill (S. 367, and H. R. 3800, 75th Congress).

On motion of Mr. Cleary, the President of the University was authorized to appear before the Senate and House Committees and to oppose this bill. Mrs. Plumb asked to be recorded as voting no on this motion.

REPORT ON STATE LEGISLATION

At this point, President Karraker reported that the special committee appointed to confer with Governor Horner on the emergency appropriation for the equipment of the new unit of the Medical and Dental College Laboratories Building, and other legislation, had conferred with the Governor, and that the Governor had approved the introduction of the appropriation bill with an emergency clause.

Mrs. Plumb reported also on this conference.

These reports were received for record.

RELEASE OF PATENT FOR DETECTING FLAWS IN RAILROAD RAILS

(8) On March 12, 1931, the Board of Trustees authorized an agreement with the Association of American Railroads and the Rail Manufacturers' Technical Committee for a cooperative investigation of fissures and other causes of failures in railroad rails by the Engineering Experiment Station, the cooperating agencies agreeing to contribute \$250,000 to cover the expenses of this investigation. The original agreement was for five years from January 1, 1931, and was extended to December 31, 1936.

Under the agreement the cooperating agencies or sponsors are given the right to use any patentable discoveries arising from this investigation without payment of royalties or fees. Professor H. F. Moore, who is in charge of the investigation, has reported a preliminary development of a process for detecting minute cracks in railway rails without injuring the rails (a combined acoustic and electrical method in which the rail is set into vibration and the energy given off, as the vibration dies out, is measured by electrical means). The question has been raised whether the process should be protected by an application for a patent, and if so who should bear the expense and be the owner of any patent issued.

In Professor Moore's opinion the use of this process would be so limited that no objectionable monopoly would result if the University should release to the cooperating agencies the patent rights to the process and permit them to apply for and secure at their expense a patent. The alternative would be that the University secure the patent, in which case it would have to bear the expense of securing it without any monetary return, since, under the agreement with the sponsors of the research it would be obliged to give them a license to use the patent without charge.

In view of these circumstances, the Faculty Committee on Patents recommends that the cooperating agencies be given whatever release may be required in conformity with the terms of their contract to enable them to file an application for a patent to be owned and controlled by them if obtained.

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

BUSWELL SEWAGE TREATMENT AND SLUDGE DIGESTION PATENTS

(9) The Pacific Flush Tank Company, which has been licensed by the Board of Trustees to use the Buswell Patents Nos. 1,838,474 (sewage sludge digestion) and 1,838,475 (sewage treatment), covering the circulation of supernatant liquor in single and two-stage sewage sludge digestion tanks, has offered to purchase these two patents outright for \$3,000 cash.

This offer was referred to the Faculty Committee on Patents which, after giving it careful consideration, recommends that an offer be made to the Pacific Flush Tank Company of an exclusive license in municipal waste for the remaining life of the patents for a consideration of \$5,000. This is not an outright sale of all rights under the patents, but such a license will cover the field in which the Company is interested. The Committee recommends further that a reservation be made in such a license in favor of the State of Illinois and all its institutions, such as the University and others operated by the State. Such a reservation would not apply to cities, villages, and other municipal bodies.

This matter was referred to the Board Committee on Patents for investigation and recommendation to the Board.

AGREEMENT WITH ILLINOIS CROP IMPROVEMENT ASSOCIATION FOR DISTRIBUTION OF HYBRID SEED CORN

(10) A recommendation for the approval of an agreement with the Illinois Crop Improvement Association, Incorporated, for the distribution of seed corn.

One of the recent developments in agronomy has been the great increase in the yield of corn through the use of hybrid seed, and the University has been a leader in this field. The amount of seed is limited, and it is necessary that certain restrictions be placed on its sale for its effective use to the best advantage. This agreement will insure a distribution of the hybrid seed corn under terms and conditions satisfactory to the Department of Agronomy and will relieve the Department of the details of handling the actual distribution. This agreement is for the current calendar year and will expire December 31, 1937. No expense is involved.

On motion of Mrs. Freeman, the execution of this agreement was authorized.

AGREEMENT WITH TENNESSEE VALLEY AUTHORITY FOR EXPERIMENTAL AND DEMONSTRATION WORK ON FERTILIZERS

(11) A recommendation from the Dean of the College of Agriculture for the approval of an agreement with the Tennessee Valley Authority for cooperation between the College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service, and the Authority in distributing and using for experimental

and demonstration purposes as fertilizers the phosphates manufactured at Muscle Shoals.

In February, 1936, the Board of Trustees authorized cooperation with the Tennessee Valley Authority in a project to demonstrate the need of phosphorus in the growing of soil conservation and improvement crops on soils low in phosphorus. The agreement covering this project expired June 30, 1936. The new agreement submitted by the Dean is for the fiscal year ending June 30, 1937, "and thereafter from year to year until terminated by notice in writing by either party to the other thirty days before the end of any fiscal year." There is a provision that on termination of the agreement the University shall complete and deliver to the Authority any reports or other data that may be incomplete as of the date of termination. The Authority will furnish the fertilizers and will reimburse the University for certain of the expenses incurred in the distribution thereof and in the experimental and demonstration work.

On motion of Mr. Pogue, this agreement was approved.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(12) A report of the extension of the following agreements for cooperative investigations:

1. Musher Foundation, investigation of the anti-oxidant properties of oat-flour in the prevention of tallowy flavor in dairy products, for six months from February 1, 1937, with the understanding that it may be extended for additional periods under the same terms or such other terms as may be mutually agreed on, to be carried out by the Agricultural Experiment Station. A similar agreement was authorized by the Board last year. The Foundation agrees to contribute an additional \$100 for this study. This is a new agreement, similar to the agreement covering the investigation of the use of oat-flour on lard and meats authorized last year.

2. National Warm Air Heating and Air Conditioning Association, cooperative investigation of warm air furnace heating, for one year from April 15, 1937. The Association has agreed to contribute \$5,000 for the continuation of this investigation during that period.

On motion of Mrs. Freeman, the extension of these agreements was confirmed.

CANCELLATION OF LEVIS LOAN FUND NOTE

(13) In establishing the William E. Levis Loan Fund, as reported to the Board of Trustees on June 29, 1936 (Minutes, page 881), Mr. William E. Levis turned over to the University the sum of \$5,000 together with notes representing loans made by him to various students at the University in the sum of \$15,150, among which was a note for \$410 signed jointly by Aubrey Forman and his mother, Mrs. Bert Forman, of Toledo, Ohio, due January 1, 1940.

Mr. Forman is blind and his parents have suffered very serious reverses, so that it will be impossible for them to pay this note. The donor of the fund has requested that no attempt be made to collect the note and that it be returned to the signers. Since this note was a part of a gift to the University, the Comptroller has been instructed to comply with the request and cancel the note.

On motion of Mr. Cleary, this action was confirmed.

INVESTMENT OF STUDENT LOAN FUNDS

(14) A report from the Comptroller that in accordance with instructions of the Board of Trustees at the meeting on December 15, he has purchased \$10,000 Treasury 2½% bonds, maturing 1960, optional 1955 at 103²/₃₂, to yield about 2.6% to the optional date, as an investment of surplus cash in the student loan funds.

This report was received for record.

WILL OF CELINDA H. McCULLOUGH

(15) The Secretary of the Board reports that he has received from the Clerk of Champaign County a copy of a petition recently submitted for the probate of the will of the late Celinda H. McCullough, of Urbana, in which the Board of Trustees of the University of Illinois is named as a legatee. The petition does not indicate the nature or conditions of the bequest.

I recommend that the University Counsel be instructed to take whatever action may be necessary to represent the University's interests in this matter.

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

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING
(16) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved and the following resolution is offered to ratify these actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

I. General Contract

Change Order No. 20

Omit two No. 46 type windows, direct glazing for these openings and slate stools in Stairway No. 1605. Add brickwork and plaster to close up openings. In accordance with proposal dated October 15, 1936, deduct. \$20 24

Change Order No. 21

For furnishing and erecting twenty tie rods over windows in Room 922, add the sum of 46 00

Change Order No. 22

For furnishing the following material in connection with the Mosaic Plaques to be installed in Driveway No. 110: 50 lbs. dry asbestos cement; 50 lbs. portland cement; 25 sq. ft. stained glass; 1 pr. Kauter glass pliers; 6 lbs. lath wire. Add the sum of 10 39

Change Order No. 23

For omitting lead lining in partitions and doors, specified in paragraph 60½ of the Masonry Specifications, except as follows:

In the south, west and north partitions around dark room No. 181, control room No. 178 and Craniostatic X-Ray Room No. 1407.

Lead lining in south and west partitions shall extend seven feet above floor level and shall consist of six pound lead. North partition shall also extend seven feet above floor level and shall consist of four pound lead.

In Control Room No. 178 provide six pound lead lining seven feet above floor level in the south, east and west partitions including the lead glass observation windows.

Provide lead lining in the west, northwest and north partitions of Room 1407. This will include lead lined door. Lead lining shall be four pound and shall extend ten feet above the floor level.

Provide lead lining in the north partition of dark room No. 515, in the center partition of the maze east of room 516 and in the north partition of room 516 which shall include a lead lined door. This shall be three pound lead lining and shall extend seven feet above the floor level.

Deduct the sum of 753 00

Change Order No. 24

Allowance in General Contract for Lighting Fixtures—\$15,000.

Proposal from Edwards Electric Company, dated February 10, 1937, for furnishing and installing complete, all lighting fixtures in accordance with specifications and schedule, dated November 20, 1936, in amount of \$14,230.

Clinic No. 922

Omit 17 D 20" at 38.06. \$647 02 Credit

Add 46 C 12" at 9.59. 441 14 Extra

Net Credit. \$205 88

Clinics Nos. 622-623-718-719-832-833

In each room—

Omit 12 C 14" at 13.24.....	\$158 88	Credit
Add 16 C 12" at 9.59.....	<u>153 44</u>	Extra
Net credit each room.....	\$ 5 44	
Net Credit, Six rooms at \$5.44.....	\$ 32 64	

Surgical Amphitheatre No. 412

Add 5 Holophane CF-300% at \$15.93..... \$ 79 65

Studio No. 434

Omit 5 D 20" at 38.06.....	\$190 30	Credit
Add 5 A3 14" at 7.10.....	<u>35 50</u>	Extra
Net Credit.....	\$154 80	

All C and E fixtures shall be of such length that mounting height will be 7'0" above floor and all such fixtures shall have chain hangers in place of semi-rigid hangers specified at no change in contract price.

The finish of all fixtures shall be as originally specified.

For all materials and labor required to furnish and install a Scialitic "B" lighting fixture in Room #412, a Scialitic "B" lighting fixture in Room #444 and a Scialitic "OA" lighting fixture in Room #408, complete with all details as specified and furnished by The Burrows Company, connected up to outlets and ready for operation for the sum of \$2,576.00, including Sales Tax.

Lighting Fixture Proposal.....	\$14 230 00	
Total Additions.....	<u>2 655 65</u>	
	\$16 885 65	
Total Deductions.....	<u>393 32</u>	
Lighting Fixture Sub-Contract.....	\$16 492 33	
Allowance in General Contract.....	<u>15 000 00</u>	
Amount of this Change Order.....	\$ 1 492 33	

Change Order No. 25

For the omission of photo murals in Rooms 520 and 1202, deduct the sum of..... \$1 305 00

Material for painted murals, add the sum of..... 187 06

Net Credit..... \$1 117 94

Change Order No. 26

Furnish and install three beams and concrete strut in connection with the arch over passageway at the west end of building, add the sum of..... 80 00

II. Plumbing Contract

Change Order No. 16

For substituting Kelvinator Type EB-48 drinking water coolers as per attached proposal No. 7 dated November 4, 1936.
No change in contract price.

III. Ventilating Contract

Change Order No. 6

For making changes in Fan Systems Nos. 1 and 2 as shown on drawing No. 61 and covered by our letter dated October 29, 1936, excepting as follows:

All duct work, casing and equipment shall be omitted between automatic louver damper in fresh air intake and supply fan S-1 except that the automatic air filter shall be furnished and erected on concrete pedestal where shown on drawing No. 61, add the sum of.....

758 70

This amount includes the credit for the omission of the vento heaters, duct work, casing, etc. called for in the original contract specifications.

Change Order No. 7

For substituting constant speed motors in place of variable speed motors as specified for the ventilating system, deduct the sum of \$850 00

IV. *Heating Contract*

Change Order No. 8

Furnish and install an Integrating and Recording Steam Flow Meter in accordance with the following specification:

Steam flow meter

One (1) Republic Type "E" Recording and Integrating Steam Flow Meter complete for 6" pipe. The equipment furnished with this meter shall include—One (1) six inch (6") orifice, one (1) pair of condensers, valves and nipples, copper tubing and fittings, one (1) type "B" meter body with mercury and oil, brackets for mounting, one (1) 24" x 16" steel panel on which the recorder and integrator shall be mounted, one hundred (100) evenly graduated charts, one (1) ounce bottle of ink. An electrical clock movement shall be included.

Electric current for operating the meter will be one hundred ten (110) volts, sixty (60) cycle, alternating current.

The various parts that make up the flow meter shall be installed in accordance with manufacturer's recommendations and specifications.

Maximum steam pressure to which meter will be subjected is one hundred fifty (150) lbs.

Installation

Install the orifice plate between a pair of flanges in the six inch (6") high pressure steam line where it enters Mechanical Equipment Room No. 1 from the Research Hospital Building and from either side of the orifice plate rough-in three eighth inch ($\frac{3}{8}$ ") pressure pipe lines to the meter body containing the Mercury "U" tube. The meter body containing the Mercury "U" tube shall be mounted on the north face of column C/9 as directed. Steel panel with the Recording and Integrating portion of the meter shall be mounted on north wall of Mechanical Equipment Room No. 1 just to the east of column C/8 as directed. All electrical wiring connections between meter units and service connection shall be run in conduit. All exposed metal parts shall be painted as directed. Painting Specifications of the original contract specifications shall apply to this work.

As per proposal dated December 10, 1936, add..... \$662 05

Furnish and install a Crane No. 504 gate valve in the vertical section of the 6" high pressure steam line at tunnel entrance in Mechanical Equipment Room No. 1.

As per proposal dated December 10, 1936, add..... 144 14
\$806 19

Change Order No. 9

For furnishing and roughing in one pair of $\frac{3}{8}$ " temperature control pipe risers between Mechanical Equipment Room No. 1 and Surgical Amphitheatre No. 412 for future air conditioning equipment, add the sum of..... 55 00

For furnishing and delivering to the Ventilating Contractor one automatic louvre damper 24" x 48" in lieu of the 33" x 27" damper originally specified, add the sum of..... 47 00

Total Additions..... \$102 00

For omitting the erection and connection of the Vento Heaters shown on original drawings for Fan System No. 1, deduct the sum of 92 00

For omitting the erection and connection of the cast iron radiators in Surgical Amphitheatre Room No. 412 and delivering to the University of Illinois the cast iron radiators, valves, and traps, deduct the sum of	\$ 12 00
<i>Total Deductions</i>	\$104 00
Net Deduction on this Change Order	\$ 2 00

Change Order No. 10

For connecting and disconnecting 47 units of temporary radiation as listed in our letters of January 13 and 22, 1937, at \$6.50 each	305 50
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V. *Electrical Contract**Change Order No. 7*

For furnishing labor and material to install 8th floor outlets shown on drawing No. 9-E which were unintentionally omitted when estimate was submitted covering changes shown on revision drawing No. 56. Credit was allowed for these outlets at the time estimate was submitted. In accordance with proposal dated January 7, 1937, add the sum of	183 08
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Change Order No. 8

For furnishing and installing nine new 500 M.C.M. Cables from the secondary bus in the service vault to the power service breaker on the new switchboard panel in addition to the three 500 M.C.M. cables called for in the specifications, as per proposal dated December 5, 1936, add the sum of	590 00
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Credit for labor to remove the nine present cables is included in this amount.
The nine present 500 M.C.M. cables shall remain in place, undisturbed, for emergency service or future additional load. The ends of these present cables shall be left in a neat and secure arrangement and they shall be properly sealed with lead to protect the insulation from moisture. This work shall meet with the approval of the architects or their representative.

Note: The Commonwealth Edison Company will not permit the nine present cables to be re-used if they are removed or disturbed. If this work had proceeded at the time the original specifications were written, it would not have been necessary to make this change.

Change Order No. 9

For all material and labor required to furnish and install Holophane lighting for Room #412 in accordance with Holophane Company Drawing No. 6095-MR, complete with all details and ready for operation, add the sum of	1 257 39
For all material and labor required to furnish and install Holophane lighting for Room #444 in accordance with Holophane Company Drawing No. 6296-M, complete with all details and ready for operation, add the sum of	863 59
	\$2 120 98

Change Order No. 10

Furnish material and labor necessary to run temporary feeder and connect temporarily a duplex vacuum pump in Equipment Room No. 1, add the sum of	\$ 45 62
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On motion of Mrs. Freeman, the resolution ratifying the approval of these change orders was adopted.

LIGHTING FIXTURES FOR MEDICAL AND DENTAL BUILDING

(17) Granger and Bollenbacher, Architects for the Medical and Dental Building, have recently secured bids on lighting fixtures for this building, and the lowest bid was recommended for acceptance with certain minor deductions and the addition of

special fixtures in the surgical and autopsy amphitheatres. A contract change order (No. 24, page 198) covering these deductions and addition was submitted to the Federal Emergency Administration of Public Works for approval, but the State Director has advised that it could not be approved because of a change in the regulations requiring formal advertising for bids. Neither the University nor the architects had been advised of this change in the regulations, but nevertheless the State Director has no authority to approve the change order in its present form.

On motion of Mrs. Plumb, all bids for lighting fixtures for this building were rejected and the Director of the Physical Plant Department was instructed to advertise for new bids.

PURCHASES RECOMMENDED

(18) A recommendation that the following purchases be authorized:

1. Fir lumber—30,000 ft.—for the Physical Plant Department stock for use in maintenance work, from Marsh and Truman Lumber Company, Chicago, the lowest bidder, at a price of \$1,273.50 f.o.b. Urbana.
2. Automobile fleet insurance (on 57 passenger cars and 46 trucks), including the following coverage: Property Damage \$5,000, Public Liability \$25,000/50,000, from Gallivan Insurance Agency, Incorporated, representing the Central Surety and Insurance Corporation of Kansas City, Missouri, the lowest bidder, at a premium of \$1,149.98.

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

INVESTMENT OF ENDOWMENT FUNDS

(19) The Comptroller reports that in accordance with the authorization of the Board of Trustees at its meeting on January 29, he has purchased \$5,000 Swift and Company first mortgage, 3¾% bonds, due 1950, at 106, yielding 3.35, as an investment of part of the University's endowment funds.

This report was received for record.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(20) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

DECEMBER 10, 1936, TO JANUARY 22, 1937

The Illinois State Board for Vocational Education to pay fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
Lewis G. McKeener	Medicine	Year 1936-1937	August 8, 1936

Cooperative investigation authorized by Board of Trustees in meeting of October 26, 1936 (Minutes, page 83):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
State of California	Research on reversed stresses on riveted connections	Not to exceed \$1,500	October 28, 1936

CONTRACTS EXECUTED BY THE COMPTROLLER

JANUARY 22, 1937, TO FEBRUARY 22, 1937

Cooperative investigation approved by Board of Trustees in meeting of January 29, 1937 (Minutes, page 149):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Chicago Bridge and Iron Company	Investigation of cylindrical shells as columns	\$2,400	February 1, 1937

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
Jim M. Rutherford	Engineering	One semester from February 10, 1937	February 1, 1937
Mary E. Fleming			January 18, 1937
Joseph Skala			February 9, 1937

Renewal of lease originally approved by Board of Trustees in meeting of June 6, 1933 (Minutes, page 229):

<i>From whom</i>	<i>Property</i>	<i>Tenure</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Etta L. Percival	40 acres of land adjacent to the University farm	Year 1937	$\frac{1}{4}$ of all crops	January 30, 1937

Contracts authorized by Board of Trustees in meeting of January 29, 1937 (Minutes, page 160):

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Bresce Brothers Cleaners, Inc.	Caps and Gowns for 1937 Commencement	\$1.30 per cap and gown	February 13, 1937
G. R. Grubb and Co.	Photo-engraving work for period January 1, to June 30, 1937	Standard scale less 35 and 5 per cent discount	February 10, 1937

This report was received for record.

QUARTERLY REPORT OF COMPTROLLER

(21) The report of the Comptroller to the Board of Trustees for the fiscal quarter ending December 31, 1936.

This report was received for record.

GIFTS TO THE UNIVERSITY

(22) The following report of gifts received by the University:

1. E. I. du Pont de Nemours & Company, one \$750 post-graduate fellowship in Chemistry and one \$2,000 post-doctorate fellowship in Chemistry, for the academic year 1937-1938. These are continuations of grants heretofore made by that company.
2. Röhm and Haas, Manufacturing Chemists, Philadelphia, two post-doctorate fellowships each paying a stipend of \$2,000 a year for research work in the Department of Chemistry, for the academic year 1937-1938.
3. Rare Chemicals Incorporated, Nepera Park, New York, \$600 to assist Dr. Géza de Takats in his research work on eucupin, a local anesthetic.
4. Zeiss Research Microscope with equipment valued at \$330 from Dr. D. M. Olkon, Assistant Professor of Psychiatry.
5. Eighteen posters, and five specimens of decorative ceramic art, designed as part of the Art Project of the Works Progress Administration, through the courtesy of Mrs. Increase Robinson, Supervisor for Illinois and Assistant to the National Director.
6. Mrs. Walter C. Headen, of Shelbyville, 732 volumes, 30 pamphlets, 19 pictures, and several ink sketches to the University Library.
7. American Otological Society, \$2,500 for research work during 1937 by the Department of Psychology on Animal Hearing—renewal of previous grant.
8. American Medical Association, \$500 for research work on cholesterol tolerance as an index of hyperthyroidism, and toward the study of the excretory function of the liver.
9. Illinois Bankers' Association, \$250 for the establishment of a fellowship in economics during the second semester of 1936-1937.
10. The George Davis Bivin Foundation, Incorporated, \$85 in cash prizes, for the best papers on certain problems in Psychology (\$50 for a paper by a graduate student, \$20, \$10, and \$5 each for papers by undergraduate students).
11. Mr. Robert Allerton of Monticello, \$800 to provide stipends for the Allerton American Traveling Scholarships (in architecture) for the year 1937.
12. The Veterans of Foreign Wars, Department of Illinois, sabers for each of the seven cadet officers in command of the R.O.T.C. units in the University of Illinois Brigade.

This report was received for record.

SEARS, ROEBUCK, AND COMPANY SCHOLARSHIP

(23) The gift of \$3,750 from Sears, Roebuck, and Company to aid first-year students in Agriculture (reported to the Board September 30, 1936, Minutes, page 54) will be used for outright scholarship grants instead of a loan fund as previously reported. This is in accordance with the wishes of the donor.

This report was received for record.

ROOM RATES AND ASSIGNMENTS IN WOMEN'S RESIDENCE HALLS

(24) A report that the committee in charge of assigning rooms and fixing rates in the residence halls has been authorized to adopt the following procedure:

1. Rooms will be assigned to applicants without reference to their choice of location. Room changes within a hall will be permitted when feasible but not changes from one hall to another.

2. Two uniform rates for each hall will be established—one for single rooms and the other for rooms accommodating two or more occupants, the actual rates to be determined later on the basis of the cost of operation. This will replace the present schedule of a variety of rates for both single and double rooms, but the gross income will not be affected by these rate changes.

I request confirmation of this authorization.

On motion of Mrs. Freeman, this action was confirmed.

MEMBERSHIP IN HOSPITAL ASSOCIATION

(25) For many years the University has operated through the Dean of Men as Trustee a Mutual Benefit Hospital Fund, or Hospital Association, membership in which is entirely voluntary and open to students and members of the faculty. The fee is \$3 a semester and entitles a member to hospital care at the rate of \$3.50 a day for a maximum of twenty-eight days in any one semester. There are approximately 6,000 members of the Association this semester; during the first semester there were about 7,500 members.

The Student Senate of the University, which is the student governing body, representative of all student interests, has recommended that membership in the Hospital Association be required of all students as soon as the McKinley Hospital has been enlarged and that the Hospital be furnished with a staff physician or physicians to treat light cases of illness without charge. For this additional service the Student Senate recommends a compulsory membership fee of \$5 a semester, \$3 for hospitalization and \$2 for medical treatment.

A similar proposal was before the Board of Trustees in 1933-1934, and a special committee of the Board made a report on it at the meeting of January 26, 1934.

I recommend that this matter be referred to the Committee on General Policy of the Board and to a special committee of the faculty to be appointed by the President of the University, for consideration.

On motion of Dr. Meyer, this matter was referred to the Committee on General Policy and to the faculty committee as recommended.

DORMITORIES FOR MEN

(26) The Men's Independent District Association, an organization of undergraduate men students who do not belong to fraternities, has submitted a report of housing conditions for men students based on a study which it has made. The organization requests that the Board of Trustees give consideration to the construction of men's dormitories in view of present conditions and the prospective continued increase in enrollment.

The problem of student housing deserves serious consideration, including low-cost housing for students of limited financial resources as well as dormitories for students of means.

I recommend that this be referred to the Committee on Student Welfare of the Board and to a special committee of the faculty to be appointed by the President of the University, for consideration.

On motion of Mr. Pogue, this matter was referred to the Committee on Student Welfare and to the faculty committee as recommended.

**HISTORICAL MATERIAL ON UNIVERSITY LEGISLATION
IN THE GENERAL ASSEMBLY OF ILLINOIS**

(27) The Honorable H. M. Dunlap, an alumnus of the University, has offered to prepare a history of University of Illinois legislation from the time the University

was established to the present. Having served in the State Senate for thirty-six years (from 1893 to 1932) and having sponsored all of the University's legislation during that period, he is eminently qualified to write such a history.

This matter was referred to the President of the University for further study and report.

NATURAL RESOURCES BUILDING

(28) A statement concerning the movement to secure the erection of a Natural Resources Building by means of a Federal grant and State appropriation, and of a proposal that the Board of Trustees deed to the State a site for the proposed building.

After full discussion, this matter was referred to the President of the University for further investigation and report.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Bradsher, Charles Kilgo, Special Research Assistant in Chemistry, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (March 4, 1937)¹

Ebel, Albert James, Mechanician in the Radio Station, for six months beginning March 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred forty dollars (\$140) a month. (March 6, 1937)

Kaski, Ignatius Joseph, Assistant in Chemistry, in the College of Pharmacy, for four months beginning March 1, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (March 1, 1937)

Knight, Richard Bennett, Special Research Graduate Assistant in Mechanical Engineering, in the Engineering Experiment Station, beginning March 15, 1937, and continuing through January 31, 1938, not including July and August, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (March 9, 1937)

Newcomer, Mrs. Hale Lloyd, Teacher in Home Economics Education, on one-fourth time, for four months beginning March 1, 1937, at a cash compensation at the rate of forty-six dollars sixty-seven cents (\$46.67) a month. (March 8, 1937)

Tanner, John Gardner, Assistant in Pharmacology and Therapeutics, in the College of Medicine, beginning March 1, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (March 4, 1937)

Walker, William Cornelius, Assistant in Horticulture, in the College of Agriculture, on one-half time, for six months beginning March 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (March 6, 1937)

RESIGNATIONS

The Secretary presented also for record the following list of resignations.

Circle, Sidney Joseph, Assistant in Pharmacology and Therapeutics, in the Department of Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine—resignation effective March 1, 1937.

Gher, Walter Allen, Assistant in Chemistry, in the College of Pharmacy—resignation effective March 1, 1937.

Phillips, Willis Eugene, Radio Station Technician—resignation effective March 1, 1937.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 29, 1937



A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Monday, March 29, 1937, pursuant to the following notice which was sent out by the Secretary on March 22, 1937:

On the call of the President, Mr. O. M. Karraker, a special meeting of the Board of Trustees of the University of Illinois will be held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Monday, March 29, 1937, for further consideration of the budget of the University for the biennium 1937-1939, and for the consideration of such other business as may be presented by the President of the University and by the officers and committees of the Board.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and Professor Lloyd Morey, Comptroller.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 27, 1937, including (pages 170-186) a report of a meeting of the Executive Committee on the same day.

On motion of Mr. Moschel, the minutes of the Board were approved and the minutes of the Executive Committee were received for record as printed on pages 169 to 190 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

THE BUDGET FOR 1937-1939

(1) On March 17, 1937, the President of the Board, the Comptroller, and I attended a conference in the Governor's office in Springfield at which were also present or represented the constitutional and elected State officers, the heads of State administrative departments, and the Presidents of the Normal Schools. The Governor called this conference of the major State agencies to discuss in a preliminary way the problem of balancing the budget of Illinois for 1937-1939.

Copies of the "Provisional State Budget" for 1937-1939 have previously been sent to the members of the Board of Trustees, at the request of the Governor. This Provisional Budget shows that the total of the appropriations requested in the budgets submitted to the State Department of Finance on or before November 1, 1936, as required by law, aggregate \$239,684,288. This figure does not include a number of additional or supplementary appropriations, bills for which have already been introduced in the General Assembly, totaling \$53,739,629. The estimated total income of the State for 1937-1939 is \$220,800,000, so that the total deficit represented by the Provisional State Budget (excluding the \$53,739,629 representing certain appropriations already before the General Assembly) is \$18,884,288. The budget includes certain fixed charges (such as interest and principal payments which will be due on bond issues) during the biennium aggregating \$144,000,000, which cannot be reduced. Consequently, the problem confronting the State is either to reduce the remaining total of approximately \$95,000,000 in the Provisional Budget by approximately twenty per cent, or to find new sources of revenue. This deficit will be even larger if the supplementary items mentioned are added to the Provisional Budget.

The Governor stated that subcommittees of the Senate and House Committees on Appropriations would meet with him to confer with the constitutional and elected officers and the heads of the administrative departments about their individual budgets. In the meantime, he has asked that each department or agency review its budget and make all reductions possible therein. This meeting of the Board has been called for that purpose. The conference with the Governor and the subcommittees of the Appropriations Committees of the General Assembly will be held on Tuesday, March 30.

Mr. Morey presented full data concerning the budget as prepared and presented to the State Department of Finance, and recommended that the Revolving Fund item be increased to \$3,700,000, to include an estimated increase in receipts of the University from all sources, above the receipts as estimated in October, of \$250,000.

The Budget for 1937-1939 was fully discussed. On motion of Mr. Mayer, the amount of the Revolving Fund was increased by \$250,000 as recommended.

APPROPRIATION FOR PRINTING ANNUAL REPORT OF DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION

(2) A recommendation that an assignment of \$1,000 be made from the General Reserve Fund for the printing of the Annual Report of the Director of the Agricultural Experiment Station covering the year 1935-1936.

This is not a supplementary appropriation but represents a restoration of a balance which lapsed on August 31, 1936, the date on which unexpended balances lapse. It was impossible to complete the work of the publication of the report for which provision was made in the budget of the last fiscal year within that period.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF BACTERIOLOGY

(3) A recommendation that an assignment of \$1,250 be made from the General Reserve Fund to the Department of Bacteriology for expense and equipment to supplement the appropriation for the current year.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF CHEMISTRY

(4) A recommendation that an assignment of \$2,500 be made from the General Reserve Fund to the Department of Chemistry, to supplement the appropriation made for the current fiscal year for expense and equipment.

On motion of Mrs. Freeman, the appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

LEGISLATIVE HISTORY OF THE UNIVERSITY

(5) As reported to the University at a previous meeting, Mr. H. M. Dunlap, for thirty-six years a member of the State Senate of Illinois, has offered to prepare a history of the University's State legislation.

His offer was referred to me for further consideration and report.

Senator Dunlap has submitted an outline of the work and estimates that it will take from ten months to a year to complete it. If his offer is accepted he should receive an honorarium to reimburse him for the time and personal expenses which he will incur, such as trips to Springfield and clerical work. I recommend an honorarium of \$3,000 for this work.

On motion of Mr. Cleary, this offer was accepted and the appropriation was made from the General Reserve Fund, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

PURCHASE OF PROPERTIES

(6) A report from the Comptroller of the purchase of the following properties in accordance with the authorization of the Board on January 29:

Vacant lot, 1202 West Springfield Avenue:

Purchase price.....	\$2 000 00	
Other cost (commission \$100, tax \$47.59).....	147 59	
<i>Total</i>		\$2 147 59

Improved property, 1204 West Springfield Avenue:

Purchase price.....	\$7 500 00	
Taxes assumed by University.....	141 51	
<i>Total</i>		\$7 641 51
<i>Grand Total</i>		\$9 789 10

An appropriation of \$3,500 was made by the Board for these purchases, of which \$750 has been used as a payment on the improved property at 1204 West Springfield Avenue, the balance to be paid on or before July 1, 1937. A supplementary appropriation of \$6,300 will be necessary to complete this transaction.

On motion of Mr. Pogue, this appropriation was made from the General Reserve Fund, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPOINTMENTS TO 1937 SUMMER SESSION STAFF

(7) A recommendation for the approval of the following appointments to the Summer Session staff for 1937, the positions and salaries being indicated in each case; and a request that the President be authorized to make such adjustments in the Summer Session budget and such additional appointments as may be necessary. The work of teaching in the Summer Session is additional service not contemplated in the appointment of members of the teaching staff for service during the regular academic year, and it therefore necessitates additional compensation as shown in each case.

SUMMER SESSION BUDGET, 1937

ADMINISTRATION

(Included in regular appointments, not additional compensation.)

E. H. Cameron, Director.....	DG10	\$ 672 00	
(Professor of Education)			
Lillian Hart, Executive Clerk.....	DG10	378 00	\$ 1 050 00

AGRICULTURE

(Not in addition to regular appointments. Like amounts of regular salary to be released for replacement services.)

Agricultural Economics

L. J. Norton, Professor ($\frac{1}{4}$ time).....		208 33	
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Agricultural Engineering

R. I. Shawl, Assistant Professor ($\frac{1}{3}$ time).....		187 88	
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Agronomy

G. H. Dungan, Professor ($\frac{1}{3}$ time).....		208 33	
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Animal Husbandry

T. S. Hamilton, Associate ($\frac{2}{5}$ time).....		198 67	
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Horticulture

W. A. Ruth, Professor ($\frac{1}{3}$ time).....	211 11		1 014 32
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ART

E. J. Lake, Professor, Head of Department.....	673 00		
C. E. Bradbury, Associate Professor.....	600 00		
C. V. Donovan, Assistant Professor.....	500 00		1 773 00

ASTRONOMY

R. H. Baker, Professor, Head of Department.....	745 83		745 83
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BACTERIOLOGY

F. W. Tanner, Professor, Head of Department.....	856 67		
F. M. Clark, Instructor.....	286 67		
P. R. Beamer, Assistant.....	250 00		
T. H. Lord, Assistant ($\frac{1}{2}$ time).....	125 00		1 518 34

BOTANY

J. T. Buchholz, Professor.....	856 67		
C. L. Hitchcock, Associate Professor.....	336 00		
H. A. Harris, Assistant ($\frac{3}{5}$ time).....	150 00		
Virginia B. Gangstad, Assistant ($\frac{4}{5}$ time).....	200 00		
Margaret Middleton, Assistant ($\frac{3}{5}$ time).....	150 00		1 692 67

BUSINESS ORGANIZATION AND OPERATION

Accountancy

E. J. Filbey, Professor.....	856 67		
C. F. Schlatter, Professor, Assistant Dean of College of Commerce.....	745 83		

E. L. Theiss, Associate Professor.....	\$ 636 33	
W. E. Karrenbrock, Assistant Professor.....	416 67	
R. P. Hackett, Assistant Professor ($\frac{1}{2}$ time).....	200 00	
H. L. Newcomer, Associate.....	366 67	
L. M. Kessler, Assistant ($\frac{1}{2}$ time).....	125 00	\$ 3 347 17
<i>Business Organization and Operation</i>		
F. A. Russell, Professor.....	866 67	
F. M. Jones, Instructor.....	283 33	
M. F. Heslip, Instructor.....	283 33	I 433 33
<i>Business Law</i>		
C. C. Curtis, Associate ($\frac{3}{5}$ time).....	240 00	240 00
CHEMISTRY		
<i>Inorganic Chemistry</i>		
B. S. Hopkins, Professor.....	856 67	
J. C. Bailar, Jr., Assistant Professor.....	466 67	
Rosalie M. Parr, Associate.....	421 67	
G. H. Reed, Associate.....	325 00	
D. G. Nicholson, Instructor.....	350 00	
<i>Analytical Chemistry</i>		
G. L. Clark, Professor.....	900 00	
G. F. Smith, Associate Professor.....	548 00	
H. D. Rhodes, Assistant ($\frac{1}{2}$ time).....	125 00	
W. P. Tyler, Assistant ($\frac{1}{2}$ time).....	125 00	
<i>Organic Chemistry</i>		
C. S. Marvel, Professor.....	(900 00) ¹	
R. L. Shriner, Professor.....	750 00	
J. R. Johnson, Professor.....	833 33	
R. B. Woodward, Instructor.....	350 00	
C. L. R. Fleming, Jr., Assistant ($\frac{1}{2}$ time).....	125 00	
M. B. Mueller, Assistant ($\frac{1}{2}$ time).....	125 00	
<i>Physical Chemistry</i>		
W. H. Rodebush, Professor.....	900 00	
T. E. Phipps, Associate Professor.....	570 83	
A. A. Johnson, Assistant ($\frac{1}{2}$ time).....	125 00	
<i>Biochemistry</i>		
W. C. Rose, Professor.....	900 00	
H. E. Carter, Associate.....	333 33	
D. B. Melville, Assistant ($\frac{1}{2}$ time).....	125 00	
<i>Chemical Engineering</i>		
D. B. Keyes, Professor.....	900 00	
G. M. Pohler, Assistant ($\frac{1}{2}$ time).....	125 00	10 280 50
CIVIL ENGINEERING		
W. H. Rayner, Assistant Professor ($\frac{2}{3}$ time).....	341 11	341 11
CLASSICS		
H. V. Canter, Professor.....	855 33	
G. E. Mylonas, Assistant Professor.....	500 00	
O. W. Reinmuth, Associate Professor.....	375 00	
S. S. Kingsbury, Instructor.....	400 00	
Aubrey Diller, Instructor.....	375 00	2 505 33
ECONOMICS		
M. H. Hunter, Professor.....	818 83	
P. H. Brown, Assistant Professor.....	527 17	
A. T. Helbing, Associate.....	466 67	
Janet L. Weston, Instructor.....	316 67	

¹Paid from Organic Chemical Manufactures; not included in total.

P. M. Van Arsdell, Instructor.....	\$ 293 33	
T. W. Bruce, Instructor.....	293 33	
G. W. Miller, Assistant.....	250 00	
C. M. Elliott, Assistant.....	250 00	
Peter Masiko, Jr., Assistant (½ time).....	125 00	\$ 3 341 00

EDUCATION

T. E. Benner, Professor, Dean of College of Education	900 00	
C. F. Arrowood, Lecturer.....	900 00	
W. S. Monroe, Professor.....	856 67	
J. A. Clement, Professor.....	745 83	
C. R. Griffith, Professor.....	833 33	
A. B. Mays, Professor.....	709 50	
G. B. Weisiger, Professor (¾ time).....	655 09	
(See also under Law—total salary \$818.86)		
O. F. Weber, Associate Professor.....	583 33	
C. E. Palmer, Professor (½ time).....	387 50	
R. B. Browne, Assistant Professor, Director of University Extension.....	583 33	
E. F. Potthoff, Assistant Professor.....	533 33	
E. W. Dolch, Assistant Professor.....	421 67	
A. F. Dodge, Assistant Professor.....	600 00	
Mrs. Nell C. B. Johnston, Assistant Professor.....	466 67	
C. W. Sanford, Assistant Professor, Principal of University High School.....	533 33	
G. W. Reagan, Assistant Professor.....	466 67	
L. W. Williams, Instructor.....	496 67	
W. W. Peters, Instructor.....	500 00	
L. M. Hrudka, Lecturer.....	800 00	
_____, Lecturer (Agricultural Education).....	900 00	
P. R. Spencer, Lecturer.....	900 00	
B. O. Smith, Lecturer.....	750 00	
L. V. Peterson, Assistant.....	289 17	
L. P. Bradford, Research Assistant.....	300 00	
J. F. Karber, Assistant (½ time).....	160 00	
Mrs. Mabel R. Hagan, Teacher in University High School.....	286 67	
L. A. Astell, Teacher in University High School.....	316 67	
W. E. Harnish, Associate, Teacher in University High School.....	425 00	
M. C. Hartley, Teacher in University High School....	283 33	
Liesette J. McHarry, Associate, Teacher in University High School.....	425 00	
Mrs. Frances D. Wilson, Teacher in University High School.....	286 67	
Ann D. Stiegemeier, Teacher in University High School.....	266 67 ¹	
Charlotte A. Hatch, Assistant (½ time).....	150 00	17 712 10

ELECTRICAL ENGINEERING

H. A. Brown, Assistant Professor (½ time).....	300 00	300 00
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ENGLISH

B. L. Jefferson, Professor, Executive Secretary of Department.....	756 33	
H. F. Fletcher, Associate Professor, Associate Dean of College of Liberal Arts and Sciences.....	833 33	
P. N. Landis, Associate Professor.....	666 67	
R. B. Weirick, Associate Professor.....	533 33	
W. M. Parrish, Associate Professor.....	583 33	
A. W. Secord, Associate Professor.....	541 67	

¹Portion of regular salary to be released.

C. L. Finney, Assistant Professor.....	\$ 496 67	
S. E. Glenn, Assistant Professor.....	450 00	
J. W. Swanson, Associate.....	421 67	
C. W. Roberts, Assistant.....	286 67	
H. P. Wheeler, Assistant.....	256 67	
D. R. Lang, Assistant.....	256 67	
C. H. Shattuck, Assistant.....	250 00	
E. K. Jerome, Assistant.....	250 00	\$ 6 583 01

ENTOMOLOGY

W. P. Hayes, Associate Professor.....	629 17	
R. W. Fay, Assistant.....	250 00	879 17

GENERAL ENGINEERING DRAWING

L. D. Walker, Associate.....	400 00	400 00
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GEOLOGY AND GEOGRAPHY

Geography

W. O. Blanchard, Professor.....	673 00	
J. L. Page, Assistant Professor.....	436 67	

Geology

J. W. Gardner, Assistant.....	250 00	1 359 67
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GERMAN

C. A. Williams, Professor.....	625 00	
E. T. Mohme, Professor.....	512 00	
U. E. Fehlau, Assistant ($\frac{1}{3}$ time).....	83 33	
Lucille V. Palmer, Assistant ($\frac{1}{3}$ time).....	83 33	
Karl-Heinz Planitz, Assistant ($\frac{1}{3}$ time).....	83 33	
J. P. Robertson, Assistant ($\frac{1}{3}$ time).....	83 33	
Klasine E. von Westen, Assistant ($\frac{1}{3}$ time).....	83 33	1 553 65

HISTORY

A. H. Lybyer, Professor.....	856 67	
W. S. Robertson, Professor.....	856 67	
F. L. Owsley, Professor.....	800 00	
F. C. Dietz, Professor.....	673 00	
J. W. Swain, Associate Professor.....	583 33	
F. S. Rodkey, Associate Professor.....	600 00	
F. S. Ronalds, Assistant Professor.....	421 67	
Ameda R. King, Instructor.....	382 33	
R. G. Bone, Assistant.....	250 00	
W. C. Shaw, Assistant.....	250 00	5 673 64

HOME ECONOMICS

J. Lita Bane, Professor, Head of Department of Home Economics (part time).....	200 00	
E. Lee Vincent, Professor.....	600 00	
Harriet T. Barto, Assistant Professor (part time)....	200 00	1 000 00

JOURNALISM

L. W. Murphy, Professor, Director of School of Journalism ($\frac{1}{2}$ time).....	416 67	
R. R. Barlow, Associate Professor.....	586 33	
C. L. Allen, Associate Professor.....	558 33	1 561 33

LAW

V. E. Ferrall, Assistant Professor.....	616 66	
G. W. Goble, Professor ($\frac{3}{5}$ time).....	540 00	
W. E. Britton, Professor ($\frac{3}{5}$ time).....	540 00	
M. I. Schnebly, Professor ($\frac{3}{5}$ time).....	540 00	
G. B. Weisiger, Professor ($\frac{3}{5}$ time).....	163 77	2 400 43
(See also Education)		

LIBRARY

Donald Coney, Professor.....	\$1 100 00	
Ethel Bond, Associate Professor.....	533 33	
Marie M. Hostetter, Assistant Professor.....	438 33	
Ernestine Rose, Assistant Professor.....	650 00	
Marion V. Higgins, Associate.....	400 00	
M. Elizabeth Nesbitt, Associate ($\frac{3}{4}$ time).....	400 00	
Mildred E. Singleton, Instructor.....	333 33	
Florinell Francis, Instructor.....	475 00	
Mrs. Mary H. Marable, Instructor.....	400 00	
_____, Instructor.....	400 00	
Henrietta Howell, Assistant.....	250 00	
Margaret Wardell, Assistant.....	250 00	
Mary R. Kinney, Assistant.....	250 00	
Elma I. Courter, Assistant.....	250 00	
Ruth R. Graham, Assistant.....	250 00	
Mary L. Swofford, Assistant ($\frac{3}{4}$ time).....	187 50	
Ruth Crossman, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant ($\frac{3}{4}$ time).....	62 50	\$ 7 379 99

MATHEMATICS

A. B. Coble, Professor, Head of Department.....	900 00	
R. D. Carmichael, Professor, Dean of Graduate School ($\frac{1}{2}$ time).....	450 00	
H. R. Brahana, Associate Professor.....	666 67	
W. J. Trjitzinsky, Associate Professor.....	666 67	
L. L. Steimley, Associate.....	421 67	
P. W. Ketchum, Associate.....	439 17	
Echo D. Pepper, Associate.....	391 67	
Leonard Bristow, Instructor.....	346 67	
G. E. Moore, Instructor.....	346 67	
Josephine H. Chanler, Assistant.....	250 00	4 879 19

MUSIC

F. B. Stiven, Professor, Director of School of Music..	900 00	
H. J. van den Berg, Professor.....	625 00	
W. G. Hill, Assistant Professor.....	406 67	
W. L. Roosa, Assistant Professor ($\frac{1}{2}$ time).....	233 33	
R. M. Holmes, Associate.....	406 67	
M. H. Hindsley, Associate.....	434 67	
L. R. Hamp, Associate ($\frac{4}{5}$ time).....	450 00	
Velma I. Kitchell, Instructor.....	316 67	3 773 01

PHILOSOPHY

D. W. Gotshalk, Associate Professor.....	533 33	
P. L. DeLargy, Associate.....	400 00	933 33

PHYSICAL EDUCATION FOR MEN

S. C. Staley, Professor, Director of School of Physical Education.....	900 00	
H. E. Kenney, Assistant Professor ($\frac{3}{4}$ time).....	135 42	
D. R. Mills, Associate ($\frac{1}{2}$ time).....	333 33	
K. J. McCristal, Instructor.....	301 66	
H. W. Craig, Instructor ($\frac{1}{2}$ time).....	158 33	
G. G. Robinson, Assistant ($\frac{3}{4}$ time).....	250 00	2 078 74

PHYSICAL EDUCATION FOR WOMEN

Louise Freer, Professor, Head of Department ($\frac{1}{2}$ time)	336 50	
Carita Robertson, Assistant Professor.....	466 50	
Ione M. Johnson, Instructor.....	380 00	

Marian W. Marshall, Instructor.....	\$	300	00	
Emily Meares Guiney, Instructor.....		310	00	
Zita Spradling, Assistant ($\frac{1}{2}$ time).....		125	00	
Delta H. Cuthbert, Assistant ($\frac{1}{2}$ time).....		125	00	\$2 043 00

PHYSICS

W. F. Schulz, Associate Professor.....		541	67	
G. M. Almy, Assistant Professor.....		486	67	
H. C. Staehle, Lecturer.....		800	00	
G. K. Green, Instructor.....		350	00	
W. E. Shoupp, Assistant.....		250	00	
H. A. Leedy, Assistant ($\frac{1}{2}$ time).....		125	00	
H. F. Ott, Assistant ($\frac{1}{2}$ time).....		125	00	
L. W. Phillips, Assistant ($\frac{1}{2}$ time).....		125	00	2 803 34

PHYSIOLOGY

F. R. Steggerda, Assistant Professor.....		450	00	450 00
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POLITICAL SCIENCE

C. A. Berdahl, Professor.....		766	67	
C. S. Hyneman, Assistant Professor.....		555	00	
C. F. Snider, Instructor.....		300	00	1 621 67

PSYCHOLOGY

Herbert Woodrow, Professor, Head of Department...		818	83	
G. D. Higginson, Associate Professor.....		511	67	
W. G. McAllister, Associate.....		376	67	
Gilbert Brighthouse, Instructor.....		333	33	2 040 50

ROMANCE LANGUAGES

Regis Michaud, Professor.....		900	00	
Arthur Hamilton, Associate Professor.....		556	33	
S. F. Will, Assistant Professor.....		550	00	
C. C. Gullette, Assistant Professor ($\frac{1}{2}$ time).....		248	33	
A. V. Roche, Associate.....		333	33	
J. S. Flores, Assistant ($\frac{1}{2}$ time).....		125	00	
R. R. Bushart, Assistant ($\frac{1}{2}$ time).....		125	00	
B. G. Carter, Assistant ($\frac{1}{2}$ time).....		125	00	
L. H. Bussard, Assistant ($\frac{1}{2}$ time).....		135	83	
Angelina R. Pietrangeli, Assistant ($\frac{1}{2}$ time).....		135	83	3 234 65

SOCIOLOGY

Hans Speier, Assistant Professor.....		600	00	
J. W. Albig, Assistant Professor.....		466	67	
B. F. Timmons, Assistant Professor.....		466	67	
W. R. Tylor, Assistant Professor.....		483	33	
A. V. Houghton, Assistant ($\frac{7}{10}$ time).....		175	00	2 191 67

THEORETICAL AND APPLIED MECHANICS

W. L. Schwalbe, Assistant Professor.....		466	67	466 67
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ZOOLOGY

H. J. Van Cleave, Professor.....		825	00	
Waldo Shumway, Professor.....		818	83	
R. R. Kudo, Associate Professor.....		583	33	
B. V. Hall, Instructor.....		286	67	
N. T. Mattox, Assistant ($\frac{3}{5}$ time).....		100	00	
P. A. Meglitsch, Assistant ($\frac{3}{5}$ time).....		100	00	
A. L. Soderwall, Assistant ($\frac{3}{5}$ time).....		100	00	
D. R. Lincicome, Assistant ($\frac{3}{5}$ time).....		100	00	
E. E. Shipman, Assistant ($\frac{3}{5}$ time).....		100	00	
Edna M. Pratt, Assistant ($\frac{3}{5}$ time).....		100	00	3 113 83
Total				\$105 715 22

On motion of Mr. Mayer, the Summer Session budget was approved, and authority was given as requested, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPOINTMENT OF PROFESSOR EDWIN H. REEDER

(8) A recommendation for the appointment of Dr. Edwin H. Reeder, at present Associate Professor of Education at the University of Vermont, as Professor of Education on indefinite tenure beginning September 1, 1937, at an annual salary of \$4,500.

This is one of two new positions in the College of Education authorized by the Board on December 15, 1936 (Minutes, page 129).

On motion of Mr. Cleary, this appointment was made.

APPOINTMENT OF PROFESSOR B. O. SMITH

(9) A recommendation for the appointment of Mr. B. O. Smith, at present Associate Professor of Education at the University of Florida, as Associate Professor of Education for one year beginning September 1, 1937, at an annual salary of \$4,500.

This is to fill a vacancy and represents an adjustment in the budget of the College of Education which was authorized by the Board of Trustees on December 15, 1936 (Minutes, page 129).

On motion of Mr. Moschel, this appointment was made.

ADJUSTMENTS IN BUSINESS OFFICE STAFF

(10) A recommendation that the following major adjustments in the Business Office staff be authorized:

1. *Resignation of H. B. Ingalls, Bursar.*—Mr. Ingalls is resigning to accept a position as Business Manager of Bradley Polytechnic Institute at Peoria at a substantial increase in his present salary. The position offers increased responsibility and opportunity over and above that which would probably be available to him at the University of Illinois.

2. *Appointment of Bursar.*—A recommendation that C. A. Webber, Assistant Bursar, be appointed Bursar at an annual salary of \$3,750, effective April 1, 1937.

In filling the position of Bursar, certain promotions and adjustments in other positions in the Bursar's Division have been made, as follows:

1. Howard A. Hazleton, Head Cashier, has been promoted to the position of Assistant Bursar at a salary of \$2,600 per year.

2. John I. Johnson, Assistant Cashier, has been promoted to the position of Head Cashier at a salary of \$1,900 per year.

3. George W. Michael, Assistant Cashier, has been promoted to the position of Cashier at a salary of \$1,400 per year.

4. Cecil E. Swinehart, Bookkeeper, has been promoted to the position of Assistant Cashier at a salary of \$1,200 per year.

On motion of Mr. Pogue, the resignation of Mr. Ingalls was accepted and the appointment of Mr. Webber was made as recommended.

CIVIL SERVICE JOINT APPOINTING OFFICERS

(11) On November 21, 1936 (Minutes, page 114), the Board authorized Messrs. Lloyd Morey and H. B. Ingalls to serve jointly and severally as appointing officers for the handling of Civil Service appointments to the University staff. The resignation of Mr. H. B. Ingalls makes necessary a change in this arrangement, and the following resolution is offered to replace the previous authorization:

Whereas Lloyd Morey, Comptroller of this Board, has heretofore been duly authorized to act as Appointing Officer in the administration of the State Civil Service Law in its relation to the University, and

Whereas it is essential, in order to insure the efficient and orderly administration of this branch of the business of the University, that more than one person be authorized to perform the duties of the above described position,

Now, therefore, be it resolved that Lloyd Morey, Comptroller, and C. A. Webber, Bursar, be and they are hereby designated jointly and severally as Appointing Officers with full power to act as such, including the power to sign all Civil Service forms pertaining to appointments, promotions, demotions, transfers, or discharges of persons subject to the Civil Service Law, and

Be it further resolved that it shall be in the discretion of Mr. Morey whether and in what circumstances Mr. Webber executes such forms over his personal signature or Mr. Morey does so himself, but in either case any such Civil Service forms, whether executed by Mr. Morey or by Mr. Webber, shall be deemed to have been executed by and with the authority of this Board.

On motion of Mr. Moschel, this resolution was adopted as recommended.

DELEGATION OF SIGNATURES

(12) At the annual meeting on March 9, 1937 (Minutes, page 193), the Board authorized its President to delegate his signature to various documents to certain members of the Business Office staff. The resignation of Mr. H. B. Ingalls necessitates certain changes in this delegation, and the following revision of paragraph 2 of the resolution adopted on March 9 is offered to replace the corresponding paragraph in the original; the Secretary requests that he be authorized to delegate to Miss Maude Archdeacon authority to sign his name to warrants and vouchers, and offers also a revision of paragraph 3 of the same resolution.

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, to C. C. DeLong, to Lloyd Morey, and to Arthur Lincicome, the signing of his name as President of the Board of Trustees to vouchers against the State Auditor; and to delegate to C. A. Webber, to H. A. Hazleton, to Lloyd Morey, and to Arthur Lincicome, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to H. C. Oesterling, to Anna L. Neuber, and to Maude Archdeacon, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

On motion of Mrs. Plumb, this resolution was adopted as amended.

BUSWELL PATENT

At this point, Mr. Pogue, for the Committee on Patents, presented a recommendation that the Pacific Flush Tank Company be advised that the University is not inclined to sell the Buswell patents outright, but that it will give this company an exclusive license in municipal waste, with a reservation in favor of the State of Illinois and all its institutions (but not including cities, villages, and similar municipal bodies) for the remaining life of the patents, for a consideration of \$5,000.

On motion of Mr. Pogue, this recommendation was adopted, and the officers of the Board were authorized to execute the necessary documents.

SALE OF SECURITIES

Mr. Mayer, for the Finance Committee, presented a recommendation that the following securities, investments of endowment funds, be sold at the market price: \$10,000 Home Owners Loan Corporation 2¾% bonds of 1949 (market 100⅞₃₂, cost 94.81); \$3,000 U. S. Treasury 3¾% bonds of 1944-46 (market 105⅝₈, cost 103.95).

On motion of Mr. Mayer, the Finance Committee was authorized to sell these securities as recommended.

Mr. Mayer reported also that the Comptroller, with the approval of the members of the Finance Committee and the Executive Committee, has sold \$30,000, par, U. S. Treasury bonds, 2 $\frac{7}{8}$ %, 1955-60. These bonds were purchased as investment of surplus cash of student loan funds, and were sold in view of the sharp decline in the market price of bonds. They represented an average book value of 102 $\frac{1}{2}$ and were sold at 100 $\frac{26}{32}$, this representing a net loss on principal account of \$510.11. Income on securities while held was \$493.51, leaving a net loss of \$16.60 on the transaction as a whole. Confirmation of this action is requested.

On motion of Mr. Mayer, the action of the Comptroller was confirmed.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LEAVE OF ABSENCE FOR PROFESSOR WILLIAM ERNEST CARROLL

(13) A recommendation from the Dean of the College of Agriculture that Professor William Ernest Carroll, of the Department of Animal Husbandry, be given a leave of absence without pay, for one year and one month beginning August 1, 1937, to enable him to accept the deanship of the Utah State Agricultural College and Experiment Station and to reorganize the work of that institution.

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

LEAVE OF ABSENCE FOR DIRECTOR E. H. CAMERON

(14) A request from Dr. E. H. Cameron, Director of the Summer Session, that he be given a leave of absence from the University during the period of the 1937 Summer Session. During the past twenty years he has been away from the University during the Summer Session only once. Most of his work as Director is performed before the session begins, and any remaining duties will be taken over by Dean T. E. Benner of the College of Education without additional expense to the University.

On motion of Mrs. Plumb, this leave was granted as requested.

LEAVE OF ABSENCE FOR PROFESSOR W. A. OLDFATHER

(15) Professor W. A. Oldfather, of the Department of Classics, has been given sabbatical leave of absence on full pay for the first semester of 1937-1938. He now requests that he be given additional leave of absence covering the second semester of the same year, but without pay, so that he may accept an invitation from Columbia University to assist in the reorganization of its Classics Department and to offer graduate work there.

On motion of Mr. Cleary, this leave was granted as requested.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

(16) A report of the following changes in the sabbatical leaves of absence authorized by the Board on February 27, 1937:

1. Assistant Professor L. J. Thomas, of the Department of Zoology, reports that he did not receive the Guggenheim Fellowship for which he had applied and is therefore unable to accept the sabbatical leave granted for the first semester of 1937-38 on one-half pay.

2. Associate Professor D. W. Gotshalk, of the Department of Philosophy, reports that he did not receive the Guggenheim Fellowship for which he had

applied and consequently has elected to go on leave of absence for the second semester of 1937-38 on full pay instead of the full year on half pay.

These options were authorized by the Board in granting the leaves.

This report was received for record.

LEAVES OF ABSENCE FOR MEMBERS OF THE STAFF

(17) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Bessie Packard, Secretary in the Department of Home Economics, two months' sick leave with full pay, covering 25½ days of previous absence during the current University year and continuing through April 15, 1937. If additional leave of absence is necessary the case will be reported to the Board later. This leave is being recommended in view of Miss Packard's many years of faithful service.

2. Esther Anell, Cataloger in the University Library, one month (July) with pay in addition to the month's vacation to which she is entitled under the University regulations, to enable her to go abroad to study procedures and collections of libraries in several European universities and cities.

On motion of Mrs. Freeman, these leaves were granted as recommended.

SERVICE CHARGE FOR DEFERRED PAYMENT OF STUDENT FEES

(18) A recommendation that the rules adopted by the Board of Trustees on December 20, 1933 (Minutes, page 423), relating to the service charge on deferred payment of fees be amended to provide that there shall be a minimum charge of \$1.00 in each case and a maximum charge of \$3.00. At present the service charge is waived if fees are paid within ten days; otherwise, the service charge is ten per cent of the amount of fees deferred but not in excess of \$5.00.

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

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(19) A report of the renewal or extension of the following agreements for cooperative investigations:

1. Tennessee Valley Authority, demonstrations of phosphate fertilizers manufactured by the Authority to be carried on by the Agricultural Extension Service in various areas of Illinois. The Authority will furnish the fertilizers and also contribute \$1,500 a year toward the salary of a State Supervisor. The balance of the salary and expenses will be paid from Federal Extension funds received by the University, and the Extension Service will supervise the work. The agreement supplements the present agreement authorized by the Board at the last meeting and covers a period of five years from the date of its execution unless terminated by either party on thirty days' notice in writing to the other.

2. Investigations being conducted by the Agricultural Experiment Station in cooperation with

(a) Tobacco By-Products and Chemical Corporation on nicotine insecticides;

(b) Aluminum Research Laboratories, Aluminum Company of America, on the effects of "Alorco" synthetic cryolite on various insect pests of fruit trees and the like and on the health of trees and other plants;

(c) Niagara Sprayer and Chemical Company, Incorporated, on agricultural fungicides and insecticides;

each for a period of one year in accordance with the provisions of the original agreements.

On motion of Mr. Adams, this action was confirmed.

PURCHASES RECOMMENDED

(20) A recommendation that the following purchases be authorized:

1. Tubular steel scaffolding from the Patent Scaffolding Company, the low bidder, at a price of \$8,749.05, f.o.b. Chicago.
2. 750 copies "Les Idées Traditionalistes en France de Rivarol à Charles Maurras," by Alphonse V. Roche, to be Volume 21, Nos. 1 and 2, of Illinois Studies in Language and Literature, to be printed by the George Banta Publishing Company, specialists in foreign language publications, at a price of \$1,483.71, on the basis of a contract entered into with that Company for such publications in 1921 as modified by a price reduction of ten per cent in 1933.
3. Insulated lead covered cable, 7,233 ft. 7,500 volt 4 strand No. 2/o varnished cambric, from the Okonite Company at a price of \$9,482.46. All quotations submitted were based on a unit price of \$1,311 per 1,000 ft., f.o.b. Urbana and include reels which are returnable for a credit of \$379. The Okonite Company was selected because it will furnish a cable 2.01 inches in diameter, while the other bids were on cables of 1.969 inches diameter, and the Physical Plant Department prefers the larger diameter cable.

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

PURCHASES AUTHORIZED

(21) A report of the following emergency purchases, amounting to \$1,000 or over, authorized by the President of the University:

1. No. 2 "GT," two stage, single suction, horizontal split case, "Cameron" ball bearing centrifugal pump, equipped with hydraulically balanced bronze impellers of back to back construction, C. I. casing, C. I. casing rings, case hardened steel shaft sleeves with metallic packing; pump mounted on extended base plate, and direct connected by flexible coupling to: 1—"Terry" type Z-1 single stage turbine for 140# throttle and 20# exhaust pressure, complete with excess pressure governor, from the Ingersoll-Rand Company at a price of \$1,127 f.o.b. factory with freight allowed.
2. Newspaper plates of articles about the University distributed annually to the newspapers of the State, from the Western Newspaper Union of Chicago at a price of \$1,103.25.
3. One carload of steel and iron bars, sheets, and structural shapes, for the Physical Plant Department stock for use in maintenance and construction work, from W. J. Holliday and Company, Chicago, the lowest bidder, at a price of \$1,532.01 f.o.b. Urbana.
4. One carload of pipe and fittings for the Physical Plant Department stock from Weil-McLain Company, Chicago, the lowest bidder, at a price of \$1,474.71 f.o.b. Urbana.

On motion of Mrs. Plumb, the action of the President of the University was confirmed.

BIDS ON LIGHTING FIXTURES FOR MEDICAL AND DENTAL BUILDING

(22) The Director of the Physical Plant Department submits the following schedule of bids received on lighting fixtures for the second unit of the Medical and Dental College Laboratories Building:

Bidder	Base Bid	Alternate Bid No. 1	Alternate Bid No. 2	Certified Check
H. A. Best Lighting Fixture Co.....	\$16 692 52	.....	Not submitted	\$ 515 80
Divane Bros.....	16 750 00	— \$ 30 00	— \$3 235 00	700 00
The Edward Electric Co.....	14 817 00	— 50 00	— 2 434 00	1 000 00
Ernest Freeman & Company.....	15 370 00	.....	— 2 300 00	500 00
Harmon Electric Company.....	15 313 00	— 30 00	— 2 783 00	460 00
Mutual Metal Mfg. Co.....	14 993 00	— 100 00	— 2 640 00	450 00

On motion of Mrs. Plumb, this contract was awarded to the lowest bidder, the Edward Electric Company, on its bid of \$14,817 as recommended.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(23) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Build-

ing have been approved and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

I. General Contract

Change Order No. 24

Allowance in General Contract for Lighting Fixtures..... \$15 000 00
 Proposal from Edward Electric Company, dated March 26, 1937,
 for furnishing and installing complete, all lighting fixtures
 in accordance with specifications and schedule, dated March
 10, 1937, in amount of..... 14 817 00

Net Credit..... \$ 183 00

(This is to replace the Change Order of the same number reported to the Board on March 9.)

Change Order No. 27

Rooms 120 and 103

Omit metal backs and deflectors in radiator enclosures, deduct the sum of..... \$ 51 00

Room 412

Omit radiator grilles, sheet metal and asbestos enclosures and deflectors back of grilles, deduct the sum of..... 179 00

Total Credit..... \$ 230 00

Replace grille space with art marble, add the sum of..... 72 00

Net Credit..... \$ 158 00

Change Order No. 28

For substituting terrazzo base for wood base in Room #1301, add the sum of..... \$ 53 00

For furnishing 116 ceiling access panels at \$6.90 each, add the sum of..... 800 40

Total..... \$ 853 40

Change Order No. 29

Omission of Cash Allowance in General Contract for Finished Grading, Planting, and Sodding—\$3,000 plus 2% profit, deduct the sum of..... \$ 3 060 00

Omission of grounded wire mesh caging called for in paragraph 25½ of the Metal Furring, Lathing and Plastering Specifications, deduct the sum of..... 100 00

\$ 3 160 00

II. Electrical Contract

Change Order No. 11

Room No. 216

For installing 3400 watt receptacle and new home run of two No. 6 feeders in 1" conduit in lieu of 1800 watt receptacle and home run of two No. 10 feeders in ¾" conduit. For substituting one 60A breaker for a 30A breaker in lighting distribution cabinet #2L-3 circuit #31. Add the sum of \$ 39 77

Room No. 446

For furnishing material and labor required to extend the feeder to new location of window operator. Add the sum of 22 33

\$ 62 10

On motion of Mr. Mayer, the resolution was adopted as recommended.

PAYMENT FROM FIRST NATIONAL BANK OF CHAMPAIGN

(24) The Comptroller reports the receipt of an additional five per cent dividend from the Trustees of the First National Bank of Champaign totaling \$2,272.62, of which \$1,851.42 is credited to the account of H. S. Capron, former Treasurer, and \$421.20 to various other accounts. The original liability of the former Treasurer after allowing for \$794,965.59 realized on his account at the time of the closing of the bank was \$45,452.53, of which \$27,271.49 has been paid to date, leaving a balance due of \$18,181.04.

This report was received for record.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(25) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

FEBRUARY 22, 1937, TO MARCH 24, 1937

Cooperative investigation approved by Board of Trustees in meeting of March 9, 1937:

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Musher Foundation	Investigation of the anti-oxidant properties of oat flour in the preservation of tallowy flavor in dairy products	\$100 00	February 18, 1937

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Tenure</i>	<i>Date</i>
Robert C. Olson	One semester from February 10, 1937	February 20, 1937

Lease renewal executed under general regulations of Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Illinois Bell Telephone Company	100 pairs of underground cable, for one year from January 1, 1937	\$270 00	March 12, 1937

This report was received for record.

BEQUEST OF ALICE P. BIXBY

(26) A report of the bequest of the late Alice P. Bixby, of Chicago, Illinois, setting up a trust, with the Washington Loan and Trust Company in Washington, D.C., as trustee, for the education of certain heirs with the further provision that upon the completion of their education, or in the event they decline to accept the trust benefits, the fund shall be conveyed to "the President of the University of Illinois" and his successors to be invested and the income used as the "Alice Bixby Scholarship" for the benefit of some worthy indigent girl who is a graduate of the public schools of Danville, Illinois, and who shall be selected for this scholarship by the Board of Education of that city; any balance remaining may be applied to assist in the education of other worthy girls at the University. I have accepted this bequest for the University and am reporting it to the Board for record.

This report was received for record.

BEQUEST OF ANNA BUCHER

(27) A report of the following bequest of the late Mrs. Anna Bucher, of Pontiac, Illinois:

"*Ninth*—I further direct my said son, Welby Bucher, to create a trust fund of One Thousand Dollars (\$1,000) out of said personal property to take effect at his death, the income of which shall be used for a scholarship in the University of Illinois, to be known as the Ermane G. Bucher scholarship, in memory of my deceased son, Ermane G. Bucher, the said scholarship to be competed for by the boys and girls of Livingston County, Illinois."

This will was made on July 29, 1924, and has recently been admitted to probate. A copy of the will was secured by the University Counsel and has been deposited with the Secretary of the Board.

This report was received for record.

GIFTS TO THE UNIVERSITY

(28) A report of the following gifts received by the University since the last report was received by the Board:

1. Chrysler Corporation, one Plymouth motor with clutch and transmission cutaway to show the working parts, valued at \$100, for the use of the Field Artillery Unit of the Reserve Officers Training Corps.

2. Chicago District Enamellers Club, one General Electric double scale thickness gauge, valued at \$119.35, for the use of the Department of Ceramic Engineering.

3. The Anthony Company, Incorporated, of Streator, through Mr. William C. Anthony, one hydraulic cylinder unit with pump, valued at \$175, for the use of the Department of Mechanical Engineering.

4. St. Louis Illinae Club, \$921.51 (\$376.51 in cash and \$545 in notes covering loans made by that Club directly to students) for the establishment of a scholarship loan fund.

This report was received for record.

REPORT ON STATUS OF EMERGENCY LOANS FROM VARIOUS STUDENT LOAN FUNDS

(29) A report from the Comptroller of the status of emergency loans made from various student loan funds which were past due as of February 27, 1937. This report was sent to the Chairman of the Finance Committee of the Board for his information and recommendation.

The Board of Trustees has authorized the assignment of a limited amount (approximately \$2,000 per year) of the interest income from student loan funds to cover the expense of collecting delinquent loans. The annual receipts of interest amount to from \$8,000 to \$10,000 per year. For the past two or three years there has not been demand for the funds available for lending, the excess of money over demands at present being about \$62,000, so that the income is not needed for loan purposes. In view of these circumstances, the Comptroller recommends that the Board authorize the use of an additional portion of the income from these loans to extend the collection service with particular reference to emergency loans. He suggests that up to fifty per cent of the annual interest income of student loan funds be made available for this purpose.

On motion of Mr. Mayer, the Comptroller was authorized to use the income of student loans, up to fifty per cent, for collection service as requested.

SEVENTY-FIFTH ANNIVERSARY OF THE UNIVERSITY

(30) As previously reported to the Board, the seventy-fifth anniversary of the opening of the University will occur on March 2, 1943. It is customary for colleges and universities to commemorate their anniversaries from time to time, and it would seem appropriate that the seventy-fifth anniversary will be a significant occasion for a more or less elaborate observance.

I recommend that the Board of Trustees authorize the appointment of a Faculty Committee or Commission to be working on plans for this celebration for consideration by the Board at a proper time.

On motion of Mr. Mayer, the President of the University was authorized to appoint this committee.

DATE OF APRIL MEETING

The date of the April meeting was set as Wednesday, April 14, 1937, at the University, in Urbana.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Allison, Carl Walter, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)¹

Anderson, Dorothy, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Applegate, Margaret, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Bailey, Mrs. Dora J., Cooperating Teacher in the University High School, for the second semester of the Academic year 1936-1937, without salary. (March 25, 1937)

Baker, Arthur G., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Bates, Nellie Florence, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Besore, Mary Helen, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Bloomster, E. Gretchen, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Bottenfield, Ezra Oren, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Bradford, Marian, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Busey, David Gragg, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Cade, Ruth, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Carlson, Theodore Leonard, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Chester, Margaret Belle, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Christner, Eleanor B., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Cline, Blanche, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Cobb, Thomas Howell, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Cook, Eleanor Frances, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Cook, Mrs. Grace Moore, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Curvey, Josephine, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Davis, Etta, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Davis, Lizzie, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Deere, Harriet, Graduate Stenographer in the Department of Anatomy, in the College of Medicine, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month (this supersedes her previous appointment). (March 15, 1937)

Dreman, Homer, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Eng, Sidney, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Fisher, Sarah, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Fleming, Naomi, Secretary to the University Counsel, on one-third time, for one month beginning March 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of forty dollars twenty-seven cents (\$40.27) a month. (March 10, 1937)

Frederick, Katharine Christine, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Gibson, Geneva, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Godsey, Mrs. Ruth Ball, Stenographer in the Extension Service in Agriculture and Home Economics, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (March 29, 1937)

Gooding, Charles W., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Granger, Helen, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hadden, Stanley Bear, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hamilton, Mrs. Ethel Dyer, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Harmison, Marien Ellen, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hatch, Charlotte Anita, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hawkins, Mae, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hazleton, Howard Albert, Assistant Bursar, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of two hundred sixteen dollars sixty-six cents (\$216.66) a month (this supersedes his previous appointment). (March 25, 1937)

Healy, Veryl, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hess, Ira, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hinton, Alice, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Hornor, Abe Lincoln, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Johnson, John I., Head Cashier in the Bursar's Division of the Business Office, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty-eight dollars thirty-three cents (\$158.33) a month (this supersedes his previous appointment). (March 25, 1937)

Kaden, Vera, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Kanmacher, Ann, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Keane, Marion Annelle, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Kincaid, Marjorie, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Kirk, Ethelyn Louise, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Kluever, Carl, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Krause, Alverda, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Krieg, Marie Katherine, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Lauchner, Aaron Hawthorne, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Lawson, Mildred Mary, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Lee, Avice Ferne, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McCall, J. Arthur, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McClurg, Lola De Witt, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McCreery, Norma, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McDaniel, Lillie, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McGinty, Clara, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McKee, Margery Elizabeth, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

McKee, Mary Ellen, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Michael, George William, Assistant Cashier in the Bursar's Division of the Business Office, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars sixty-six cents (\$116.66) a month (this supersedes his previous appointment). (March 25, 1937)

Mills, James I., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Moyer, Lester R., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Munson, Mrs. Lakie B., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Nagle, Elizabeth, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Neblock, Etta, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Nickell, Vernon Lewis, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

O'Malia, Muriel, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Orum, Vern Hellyer, Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division, beginning March 15, 1937, and continuing until further notice, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (March 18, 1937)

Osborne, Margaret, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Potts, Henry W., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Ragsdale, Virginia, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Roloff, Marjorie Giese, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Rose, Harriett, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Shroyer, Mary Amanda, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister M. Armella Wiemar, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister M. Cecilian Heffron, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister M. Justin Nevins, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister M. Lucetta Shea, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister M. Tharla Baber, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister M. Virginie Borre, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Sister Rose Marie, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Smirl, Doris, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Smith, Ada B., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Smith, Hulah Boswell, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Snyder, Marian, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

South, Belle, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stansell, Lucile, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stark, Mrs. Helen, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stearns, Winifred, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stephens, Lewis, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stewart, Howard, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stiegemeier, Louise Elizabeth, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Still, Iva M., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Strode, Orval George, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Stuart, Marian, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Swain, Paul, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Swigart, Beulah Hope, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Swinehart, Cecil E., Assistant Cashier in the Bursar's Division of the Business Office, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (March 25, 1937)

Thomasson, Arnold Lee, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Thompson, William, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Tilbury, Glenn, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Walker, Elizabeth, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Wascher, Anita, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Webber, Clyde Augustin, Bursar, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of three hundred twelve dollars fifty cents (\$312.50) a month (this supersedes his previous appointment). (March 25, 1937)

Wiley, Flossie B., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Williams, Avis Lucile, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Wilson, Mildred Janette, Stenographer in the Department of Agricultural Engineering, in the College of Agriculture and in the Agricultural Experiment Station, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (March 24, 1937)

Winton, Dorothy, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Wood, Susan Harriett, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Worsham, Robert E., Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

Zimmerman, Joyce, Cooperating Teacher in the University High School, for the second semester of the academic year 1936-1937, without salary. (March 25, 1937)

RESIGNATIONS

The Secretary presented also for record the following list of resignations.

Brown, Helen Elizabeth, Library Assistant in Landscape Architecture, and Stenographer and Clerk in the Department of Landscape Architecture—resignation effective March 23, 1937.

Brunken, Viola Marie, Stenographer in the Department of Agricultural Engineering, in the College of Agriculture—resignation effective April 1, 1937.

Dunkin, Paul Shaner, Cataloger in the Library—resignation effective April 1, 1937.

Ingalls, Horace Ballou, Bursar—resignation effective May 1, 1937.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 14, 1937
With Adjourned Sessions of
April 26 and May 3, 1937



The April meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Wednesday, April 14, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and, during part of the day, Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of March 9, 1937.

On motion of Mr. Pogue, the minutes were approved as printed on pages 191 to 206 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

THE BIENNIAL BUDGET FOR 1937-1939

(1) A report of the conference with the Governor, the Director of Finance, and Subcommittees of the Senate and House Appropriations Committees on March 30, and a subsequent conference with the Director of Finance on April 5 concerning the University's budget for 1937-1939.

This matter was discussed at length.

Mr. Adams presented the following resolution:

In view of the present economic and tax situations, and with a desire to cooperate to the fullest possible extent, *Be it resolved*, that the Board postpone for a period of two years its request for an appropriation of \$250,000 for the first unit of a building for Journalism and other subjects, to be built at Urbana.

On motion of Mr. Adams, this resolution was adopted, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mrs. Plumb; no, Mr. Moschel, Mr. Pogue; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

On motion of Mr. Mayer, the following resolution was unanimously adopted, by a vote of record:

Be it resolved, that the Board of Trustees of the University of Illinois believes that it has presented the minimum budget necessary to maintain the efficiency and standing of the University, in the face of increased and increasing enrollment, the need of recognizing merit and development in our faculties, and the fact that there have been no space additions to the University at Urbana in the last six years. The budget represents the results of intensive study on the part of the faculty, the administrative officers, and the Board of Trustees for nearly a year and a half. The Board has already made reductions of \$1,253,000 in the carefully prepared estimates of department heads and administrative officers, and in addition a request for \$250,000 for an additional building has been withdrawn from the budget as of this date.

**INTRODUCTION OF BILL FOR APPROPRIATIONS FOR
BIENNIUM 1937-1939**

(2) Action should be taken at this meeting authorizing the introduction in the 60th General Assembly of bills making appropriations to the University of Illinois for the biennium 1937-1939.

On motion of Mr. Cleary, the President of the University was authorized and instructed to secure the introduction into the General Assembly of the necessary appropriation bills for the next biennium, and to take charge of the matter from now on.

UNIVERSITY OF ILLINOIS FUND

(3) Mr. H. M. Adams has asked that the legislation relating to the University of Illinois Fund, or Mill Tax Fund, be considered at this meeting.

This matter was discussed.

On motion of Mr. Mayer, the President of the University was authorized to secure the introduction of the appropriation bill in form to provide that the appropriations by the General Assembly for the

University shall be paid from the mill tax fund, in so far as there shall be money in this fund, and the rest from the general revenue fund of the State, and that if the purposes originally contemplated can be secured by this or by some other appropriate mode, the bill to amend the allocation of the mill tax fund be not pressed further.

LEGISLATION TO TRANSFER SOUTHERN ILLINOIS STATE NORMAL UNIVERSITY TO THE UNIVERSITY OF ILLINOIS

(4) A bill was introduced in the 60th General Assembly on March 30 to provide for transfer of the management, operation, and control of the Southern Illinois State Normal University to the Board of Trustees of the University of Illinois to be operated as a branch of the latter. This bill was tabled by the House Committee on Education on April 8.

This report was received for record.

LEGISLATION CONCERNING COUNTY SCHOLARSHIPS

(5) A report that there has been introduced in the 60th General Assembly a bill to increase the number of County Scholarships by providing annually one scholarship in each county having a population of less than 40,000, as at present, two such scholarships in each county having a population of 40,000 or more but less than 80,000, and three scholarships in each county having a population of 80,000 or more. This would result in a maximum addition of 39 new scholarships a year and ultimately would increase the maximum number of annual County Scholarships which might be in use from 102 to 258.

On motion of Mr. Cleary, the Board voted to go on record as opposing this bill.

ADJUSTMENTS IN BUDGET

(6) A report of the following adjustments made in the budget for 1936-1937 during the third fiscal quarter ending March 31, 1936, in accordance with the authorization of the Board of Trustees in adopting the budget. An assignment of \$13,873 should be made from the General Reserve Fund to cover these items:

Permanent additions to current budget:

Supervision and high school instruction, salaries (increase in rate paid Henrietta P. Terry).....	\$ 350 00 ¹
Physical education, salaries (adjustment to salaries of W. S. Wilson and S. C. Staley).....	800 00 ²
	<u>\$ 1 150 00</u>

Temporary additions to current budget (present year only, part-time assistants):

Business Office, wages.....	500 00
Bacteriology, salaries.....	300 00
Chemistry, salaries.....	1 855 00
English, salaries.....	4 536 00
German, salaries.....	300 00
Mathematics, salaries.....	405 00
Home economics, salaries.....	350 00
Economics, salaries.....	1 050 00
Business organization and operation, salaries.....	2 800 00
Home economics education, salaries.....	187 00
Journalism, salaries.....	240 00
Journalism, wages.....	200 00
	<u>12 723 00</u>

Total additions.....

\$13 873 00

On motion of Mrs. Plumb, an appropriation of \$13,873 from the General Reserve Fund was made to cover these adjustments, by the

¹Reported to Board of Trustees, February 27, 1937, page 190, but no appropriation made.

²Reported to Board of Trustees, February 27, 1937, page 185, but no appropriation made.

following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION FOR ENGINEERING EXPERIMENT STATION PUBLICATIONS

(7) A recommendation that an assignment of \$2,000 be made from the General Reserve Fund for the publication of manuscripts representing results of the research work of the Engineering Experiment Station.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION OF RECEIPTS OF DEPARTMENT OF HORTICULTURE

(8) A recommendation that an appropriation of \$1,221 be made to the Department of Horticulture from the unappropriated receipts of the Department for the purchase of equipment. The Department has a sufficient balance in the unappropriated agricultural income for Horticulture fund for this purpose.

On motion of Mr. Adams, this appropriation was made, as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

ASSIGNMENTS OF ATHLETIC ASSOCIATION

(9) The Board of Directors of the Athletic Association has made the following assignments from its reserve fund which are submitted to the Board of Trustees for its approval:

Adjustment in salary of J. T. Beynon.....	\$ 200 00
Painting steel work at Stadium.....	1 000 00
Gold basketball emblems.....	115 00
Inaugural banquet for new Director.....	400 00
Contribution to University of Illinois Foundation....	2 000 00
Total.....	\$3 715 00

On motion of Mrs. Plumb, these assignments were approved.

ADJUSTMENT IN ATHLETIC ASSOCIATION BUDGET

(10) The Athletic Association reports the following changes in its salaries budget for 1936-1937 as a result of changes in the directorship:

Provision for salary of Director George Huff.....	\$1 680
Portion of salary paid prior to his death.....	420
<i>Balance unused</i>	<u>\$1 260</u>
Increase in salary of W. S. Wilson, Director, effective March 1, 1937.....	<u>900</u>
<i>Net balance remaining</i>	<u>\$ 360</u>

On motion of Mr. Moschel, these adjustments were approved.

APPOINTMENT OF DR. HOWARD W. ODUM AS PROFESSOR AND HEAD OF THE DEPARTMENT OF SOCIOLOGY

(11) A request for authority to appoint Dr. Howard W. Odum, of the University of North Carolina, at present Visiting Professor of Sociology at the University of Illinois, Professor and Head of the Department of Sociology on indefinite tenure, beginning September 1, 1937, at an annual salary of \$7,000.

On motion of Mr. Pogue, this appointment was authorized as requested.

APPOINTMENT OF DR. HANS BETHE AS PROFESSOR OF PHYSICS

(12) A recommendation for the appointment of Dr. Hans Bethe, Assistant Professor of Physics at Cornell University, as Professor of Physics on indefinite tenure, beginning September 1, 1937, at a salary of \$6,000 a year. Professor Bethe will succeed Professor C. T. Knipp, who is due to be retired September 1, 1937.

On motion of Mr. Cleary, this appointment was authorized as recommended.

APPOINTMENT OF PROFESSOR PETER L. SPENCER AS VISITING PROFESSOR OF EDUCATION

(13) A recommendation for the appointment of Peter L. Spencer, Professor of Education at Claremont Colleges, Claremont, California, as Visiting Professor of Education, on one-half time, for one year beginning September 1, 1937, at a salary of \$2,250, one-half to be paid by the College of Education and the other half by the Division of University Extension. It is proposed to have Professor Spencer teach extramural courses as well as to give resident instruction. This is a temporary appointment to one of the two new positions authorized by the Board on December 15, 1936 (Minutes, page 129).

On motion of Mrs. Plumb, this appointment was authorized.

ORGANIZATION OF DEPARTMENT OF PHYSIOLOGY IN COLLEGE OF MEDICINE

(14) The members of the Department of Physiology in the College of Medicine of professorial rank have requested that the Department be organized with a Chairman instead of a Head. The University Statutes provide that such requests shall be presented to the Board together with the recommendation of the Dean of the College and the President of the University.

The Dean does not concur in the request of the Department, and under the circumstances I recommend that no change of departmental organization be made at this time.

On motion of Mr. Mayer, this change was not approved.

APPOINTMENT OF DR. GEORGE E. WAKERLIN

(15) A recommendation that Dr. George E. Wakerlin, who is at present a member of the Department of Physiology and Pharmacology at the University of Louisville School of Medicine, be appointed Professor and Head of the Department of Physiology in the College of Medicine, on indefinite tenure, at a salary of \$5,400 effective September 1, 1937.

On motion of Mr. Mayer, this appointment was made as recommended.

RESIGNATION OF PROFESSOR F. S. RONALDS

(16) Dr. F. S. Ronalds, Assistant Professor of History, has offered his resignation from the faculty to accept a position as Historian in the National Parks Service. He is finishing his work today, and will have completed all but five or six weeks of the service required of him under his contract.

I recommend that his resignation be accepted, effective July 19, 1937, and that he be given a leave of absence with pay from April 15 to July 19, so that he may receive the proportionate amount of his salary for 1936-1937 corresponding to the amount of service he will have rendered.

On motion of Mr. Cleary, this resignation was accepted as recommended.

LEAVES OF ABSENCE

(17) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Mrs. Margaret Milliken, Assistant in the Department of Pathology, Bacteriology, and Public Health, December 1, 1937, to July 1, 1938, without pay, for the purpose of study abroad.

2. Miss Dorothy Iwig, Associate in Home Economics, one month during the summer without pay, in addition to the month's vacation to which she is entitled, for the purpose of study at Columbia University.

3. Professor E. E. DeTurk, of the Department of Agronomy, sick leave with full pay from March 8 to April 3, 1937. Doctor DeTurk's illness was such that he was able to carry on his work at his home.

4. Professor H. H. Mitchell, of the Department of Animal Husbandry, two months from September 1, 1937, with pay, to enable him to attend a meeting and deliver a scientific paper before the Royal Academy of Italy in Rome.

5. Miss Edna May Goggin, one-half time Assistant in Romance Languages, sick leave with pay from March 30 and continuing through the remainder of the semester. Her work will be taken care of by other members of the Department during her absence without additional expense to the University.

6. Miss Josie B. Houchens, Binding Librarian, the month of August, 1937, without pay, in addition to the month's vacation to which she is entitled, for the purpose of teaching in the summer Library School of Columbia University.

7. Dr. Max Lyon Folk, Assistant Professor of Ophthalmology, sick leave from March 25 to June 1, 1937, with pay.

8. George Jennings, Educational Program Producer on the staff of the Radio Station, six months' leave without pay beginning May 1, 1937, for the purpose of working with the National Broadcasting Company and the Columbia Broadcasting System in various departments under a fellowship from the General Education Board.

On motion of Mrs. Plumb, these leaves were granted as recommended.

APPOINTMENT TO ADVISORY COMMITTEE, AGRICULTURE

(18) A recommendation from the Dean of the College of Agriculture that Mr. W. W. McLaughlin, Decatur, Illinois, be appointed a member of the Agricultural Experiment Station Crops Advisory Committee vice Mr. William Webb, of Plainfield, who died recently.

On motion of Mr. Adams, this appointment was made as recommended.

PRE-MEDICAL CURRICULUM

(19) The University Senate recommends adoption of the following three-year pre-medical curriculum effective September 1, 1937, and the regulations pertaining thereto. The proposed curriculum is in line with the new three-year requirement for admission to the College of Medicine already adopted by the Board of Trustees:

THREE-YEAR PRE-MEDICAL CURRICULUM

I

A combined curriculum preparatory to medicine and leading to a Bachelor's degree from the College of Liberal Arts and Sciences at the end of the first year in the College of Medicine is available to such students in this College as are able to take advantage of it. The combined curriculum, by permitting the use of one year of credit earned in the College of Medicine, saves a year's time for the student who spends three years in this College, and then enters the College of Medicine. This curriculum is available to students registered in this College under the following conditions:

1. Admission to the Pre-Medical curriculum shall be available to any entering freshman who is able to matriculate in the College of Liberal Arts and Sciences, and whose scholarship rank is in the upper half of his high school graduating class.

2. Students transferring to this College with advanced standing must have maintained at least a 3.5 scholastic average in terms of our grading system, in order to be admitted to the Pre-Medical curriculum.

3. In order to obtain a degree in the combined curriculum, no student may transfer to this curriculum from any other university or college more than thirty hours of work. In order to gain priority rating for admission to the College of Medicine, all students in this curriculum must complete at least the second and third Pre-Medical years in the College of Liberal Arts and Sciences.

4. In June of each year the scholastic averages of all students enrolled in the Pre-Medical curriculum shall be computed. Students whose scholastic average at the time of computation is below the 3.5 average required for admission to the College of Medicine, shall be denied further registration in this curriculum, together with the special privileges pertaining thereto.

II

1. The degree of Bachelor of Science from the College of Liberal Arts and Sciences may be obtained by pursuing the following three-year Pre-Medical curriculum and the first year of pre-clinical work in the College of Medicine. Since the Pre-Medical curriculum and the first pre-clinical year in the College of Medicine prescribe subjects fully equivalent to the usual college major, students in this combined curriculum will not be required to make formal declaration of a major.

2. The degree of Bachelor of Arts will be granted to any student registered in the Pre-Medical curriculum, upon completion of the regular requirements for that degree.

3. If a student elects to complete the full requirements for the Bachelor's degree in the College of Liberal Arts and Sciences before entering the College of Medicine, he should declare his major field of specialization at the beginning of this third year of study.

III

Plan of study to be observed in the Pre-Medical curriculum

FIRST YEAR			
<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Physical Education.....	½	Physical Education.....	½
Military Science.....	1	Military Science.....	1
Rhetoric 1.....	3	Rhetoric 2.....	3
Chemistry 1 (or 2) (<i>Note A</i>)....	5 (or 3)	Chemistry 5.....	5
Zoology 1.....	5	Zoology 2.....	5
(Hygiene).....	0 or 2)	(Hygiene).....	0 or 2)
Electives.....	1½ to 5	Electives (<i>Note B</i>).....	1½ to 3½
<i>Total</i>	18	<i>Total</i>	18

Note A.—Students having credit in high school chemistry will register for Chemistry 2.

Note B.—In the second semester of the freshman year, if the grade in Chemistry 1 or 2 is below "C," Mathematics 4 (2 hrs.) must be included as a prerequisite for physics, except by students who have credit in trigonometry in high school.

SECOND YEAR			
<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Physical Education.....	½	Physical Education.....	½
Military Science.....	1	Military Science.....	1
Physics 7a.....	4	Physics 7b.....	4
Physics 8a.....	1	Physics 8b.....	1
One of the following (<i>Note C</i>):		One of the following (<i>Note C</i>):	
Zoology 3.....		Zoology 3.....	
Chemistry 22.....	5	Chemistry 22.....	5
Chemistry 33.....		Chemistry 33.....	
German or French.....	4	German or French.....	4
Electives (<i>Note D</i>).....	2½	Electives (<i>Note D</i>).....	2½
<i>Total</i>	18	<i>Total</i>	18

Note C.—Because of limited space in laboratories, students will be assigned during registration to one of these three courses each semester of the second year, and will complete the third member of the group in the junior year.

Note D.—Electives in the second and third years should be chosen to satisfy specific courses required for admission by the medical school which the student expects to enter if preparing for a medical college other than the University of Illinois.

Students who do not offer German or French for admission must continue the language in the third year.

Electives in the three years must also include 14 hours from at least two of the following fields: anthropology, economics, history, philosophy, political science, psychology, and sociology.

		THIRD YEAR	
<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Complete the following not finished in the second year:		Physical Chemistry (if not taken 1st sem.) (<i>Note E</i>)	4
Chemistry 33	5	German or French	4
Chemistry 22		Electives	8 (or 12)
Zoology 3		<i>Total</i>	16
Physical Chemistry (if Chem. 22 and 33 are completed) (<i>Note E</i>)	4		
German or French	4		
Electives	3		
<i>Total</i>	16		

Note E.—Registration in physical chemistry necessitates completion of Chemistry 5, 22, 33 and Physics 7b, 8b.

FOURTH YEAR

In this curriculum the fourth year may be either pre-medical or pre-clinical. Two options are therefore offered:

A. The regular course of study in the first year in the College of Medicine in Chicago, or

B. Completion of the regular Liberal Arts and Sciences requirements for the Bachelor's degree.

On motion of Mr. Moschel, this curriculum was approved as recommended.

READMISSION OF STUDENTS WITH SCHOLASTIC DEFICIENCIES TO COLLEGE OF MEDICINE

(20) The University Senate has approved a recommendation from the Faculty of the College of Medicine that the following new regulations be authorized to govern the dismissal of students for unsatisfactory work and the readmission after such dismissal of first-year and second-year students in that division:

"A student in the first two years of the College of Medicine shall be subject to dismissal if he fails in one-half or more of the clock hours carried in any semester, or if he has received grades of 'D' or 'E' in three or more major courses by the end of the first year, or accumulated four (4) or more 'D' or 'E' grades in major courses by the end of the third or fourth semester. *Note:* In the operation of the foregoing rule, a major course with an 'A' or 'B' grade shall be considered as counter-balancing one of 'D' or lower.

"A small committee of the Junior Faculty shall be appointed by the Dean for (a) the consideration of the cases of all students who come under the rules for the dismissal for poor scholarship, and (b) the consideration of the readmission of students, and (c) the consideration of the conduct of the Second-Year Comprehensive Examinations. The findings of this Committee shall be presented to the Dean for action by the Junior Faculty."

On motion of Mr. Mayer, these regulations were adopted as recommended.

CURRICULUM IN COMMERCIAL DESIGN

(21) The University Senate recommends adoption of the following curriculum in Commercial Design, effective September, 1937, as an option in the curriculum in Painting in the College of Fine and Applied Arts:

FIRST AND SECOND YEARS
(Same as in Curriculum in Painting)

<i>First Semester</i>		THIRD YEAR		<i>Second Semester</i>	
	<i>Hours</i>				<i>Hours</i>
Patterns and Lettering.....	4		Patterns and Lettering.....	4	
Journalism 33.....	3		Journalism 34.....	3	
Commercial Design 35.....	3		Commercial Design 36.....	3	
Figure Drawing & Sketch ¹	3		Figure Drawing & Sketch ¹	3	
Elective.....	3		Elective.....	3	
<i>Total</i>	16		<i>Total</i>	16	

FOURTH YEAR

Hist. of Art in Industry.....	2	Hist. of Art in Industry.....	2
Advanced Com. Design 37.....	6	Advanced Com. Design 38.....	6
B. O. O. 10.....	3	B. O. O. 18.....	3
Elective.....	4 or 5	Elective.....	4 or 5
<i>Total</i>	15 or 16	<i>Total</i>	15 or 16

Total required for degree: 130 semester hours.

Degree: Bachelor of Fine Arts in Commercial Design.

On motion of Mr. Adams, this curriculum was approved as recommended.

**CHANGE IN REQUIREMENTS FOR ADMISSION TO
CURRICULA IN ARCHITECTURE**

(22) The University Senate has approved a recommendation from the Faculty of the College of Fine and Applied Arts that the requirements for admission to that division be changed by eliminating the one-half unit of Solid Geometry heretofore required for admission to the curricula administered by the Department of Architecture, effective September 1, 1937.

On motion of Mr. Cleary, this change was approved as recommended.

REQUIREMENTS FOR GRADUATION IN SCHOOL OF JOURNALISM

(23) The University Senate has approved a recommendation from the Faculty of the School of Journalism that the total number of semester hours required for graduation in that division be increased from 60 to 64, making a total of 124 semester hours required for graduation, effective September 1, 1937.

On motion of Mr. Mayer, this change was approved as recommended.

**GRADUATION WITH HONORS FROM THE COLLEGE
OF AGRICULTURE**

(24) The University Senate recommends the following plan of honors in the College of Agriculture:

1. The honors to be awarded at graduation shall be designated as Honors, High Honors, and Highest Honors.
2. They shall be awarded according to the following rules:
 - a. For the degree with Honors the student must have an average of 4.0 in all courses used for graduation.

¹Figure Drawing and Sketch (3 hrs.) meets concurrently with Art 29 and 30 (5 hrs.).

b. For the degree with High Honors the student must have an average of 4.25 in all courses used for graduation and pass an examination in his field of major interest.

c. For the degree with Highest Honors the student must have an average of 4.5 in all courses used for graduation and pass an examination in his field of major interest. The examination must give evidence of exceptional ability.

3. For graduation with honors the diploma shall contain after the degree the words "with Honors," or "with High Honors," or "with Highest Honors."

4. This plan of graduation honors shall take effect at the beginning of the first semester of 1937-1938.

On motion of Mrs. Plumb, this recommendation was adopted.

OFFER OF PACIFIC FLUSH TANK COMPANY FOR BUSWELL PATENTS

(25) At its meeting on March 29 the Board of Trustees, on recommendation of its Committee on Patents, authorized an exclusive license in municipal waste, with a reservation in favor of the State of Illinois and all its institutions, to the Pacific Flush Tank Company to use the Buswell Patents Nos. 1,838,474 and 1,838,475 for the remaining life of such patents for a consideration of \$5,000. This was a counter proposal to an offer of the Company to purchase these patents outright for \$3,000.

Representatives of the Company met with the Comptroller, the University Counsel, and Professor Buswell on April 10 to discuss this proposal. The company is now licensed to use these patents on a royalty basis under which the minimum annual payment is \$350 a year. It feels that the present worth of the patents on this basis is considerably less than \$5,000 and that therefore the price asked by the Board of Trustees is too high. Moreover, the Company feels that there would be essentially no difference to the Board of Trustees between an outright sale, which would include an assignment of the patents to the Pacific Flush Tank Company, and that of an exclusive license, since the legal rights of the Company would be the same under either arrangement and since the reservations in favor of the State of Illinois and its institutions can be incorporated in the transfer of title to the patents. Consequently, the Company has made a compromise offer of \$4,000 in cash for the purchase of the patents outright but with a reservation in favor of the State of Illinois and its institutions.

On motion of Mr. Moschel, this offer was accepted.

RELEASE OF PATENT RIGHTS TO L. F. AUDRIETH

(26) A recommendation from the Faculty Committee on Patents that a discovery by Assistant Professor L. F. Audrieth, of the Department of Chemistry, described as "The ammonolysis of esters to the corresponding acid amides by treatment with liquid ammonia in the presence of ammonium salts," be unconditionally released to him and that he be authorized to make an application for a patent in his own right.

The Board has already released this patent to Professor Audrieth (January 29, 1937, Minutes, page 158) on recommendation of its Committee on Patents. The record includes the phraseology "as it has no commercial value," which language was used in the recommendation of the Committee on Patents. This language in turn was based on a report of the Faculty Committee on Patents that in its judgment the discovery would not have such possibilities as to justify the expenditure by the University of the customary fee for filing the patent application. In order to secure aid in financing a patent, it is necessary for Professor Audrieth to present a certified copy of the action of the Board releasing the patent rights to him. The phraseology of the previous Board action implying that the patent rights were released to him on the ground that the discovery has or had no commercial value makes it difficult for him to secure such aid because it has apparently raised a legal question as to his rights should the discovery ultimately have commercial possibilities.

On motion of Mr. Cleary, the action of the Board on January 29, 1937 (Minutes, page 158) relating to this discovery was rescinded, and the discovery was unconditionally released to Dr. Audrieth.

USE OF GEORGE HUFF GYMNASIUM AND SKATING RINK

(27) A recommendation that the use of the following buildings by organizations not affiliated with the University be authorized:

1. The George Huff Gymnasium by the Illinois High School Athletic Association for all state-wide or other non-local high school athletic tournaments (such as the State High School Basketball and Wrestling Tournaments), no charge to be made for the use of this building except that the High School Association will pay any expenses incurred by the University of Illinois or the University of Illinois Athletic Association.

2. The Skating Rink by the Chicago Blackhawks Hockey Team for the training season in October of each year at a rental of \$50 per day to be paid the University of Illinois Athletic Association to cover the expenses involved in the use of this building. The University charges the Athletic Association for the services rendered in operating this building.

Under present University Statutes neither the Physical Plant Department nor the President has authority to approve such arrangements. Hence, these proposals are submitted to the Board for its approval.

On motion of Mr. Adams, the President of the University was authorized to permit the use of these buildings as recommended.

REPORT OF THE CARTER-PENNELLS FARMS

(28) I submit herewith the fourteenth annual report of the Carter-Pennell Farms covering the farm year, March 1, 1936, to February 28, 1937.

This covers the operations of the two "Carter-Pennell Farms" in Vermilion County held by the Board of Trustees of the University under a deed from the late Joseph Carter and Jane P. Carter, of Rankin, creating a trust for educational purposes (Minutes, March 13, 1923, page 149). The net proceeds from these trust farms is used as a loan fund to aid worthy students at the University. If the income should ever be so large as to make it impracticable to use all of it for loans, it may be used for research work in Agriculture and Home Economics.

The report indicates that the net income of the two farms for the year ending February 28, 1937, was \$1,259.89, an increase of \$368.42 over the net income for the preceding year.

The Dean of the College of Agriculture recommends that the following improvements in the farms be authorized, the cost to be charged to the income from the farms:

South Farm.—Two ponds covering two to three acres are still undrained. It is recommended that about 200 feet of tile be laid at a cost of approximately \$160 to provide drainage for the larger of these two areas.

The barn is in bad condition and should be replaced as soon as possible. No estimate of cost of this is given.

North Farm.—The tile which drains the low place to the north of the farm buildings has become clogged and should be cleaned out.

The old hay barn and the old horse barn are in bad condition and are an eyesore to the community. They should be replaced by one good barn. No estimate of the cost is given.

I recommend that this report be referred to the Committee on Agriculture for its consideration and recommendation.

On motion of Mrs. Plumb, this report was referred to the Committee on Agriculture for consideration and report.

PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(29) The University Committee on Accident Compensation for Employees has submitted a list of ten accident compensation claims involving University employees, totaling \$471.58, which it recommends be paid from the University funds as in the case of certain similar payments.

A copy of the Committee's report and a list of the cases is being given to the Secretary of the Board for record.

All of these cases have been reviewed by the Committee and none involves permanent disability, although one includes an allowance of \$108.68 for time lost. Provision for such payments has been made in the budget for the current year.

On motion of Mrs. Plumb, the payment of these claims was authorized.

PURCHASES RECOMMENDED

(30) A recommendation that the following purchases be authorized:

1. Lumber, one carload, including Red Oak, White Pine, Cypress, Douglas Fir, Maple, from the William C. Schreiber Lumber Company, Chicago, the lowest bidder, at a price of \$2,713.

2. Paper as follows:

For the Extension Service:

140 reams 25 x 38—70# "A" Grade English Finish Book Paper

700 reams 25 x 38—60# ditto

150 reams 25 x 28½—45# ditto

200 reams 25 x 38—80# No. 2 Folding Enamel

For the Office Supply Storeroom:

½ ton 25 x 38—70# "A" Grade English Finish Book Paper

8 tons 25 x 38—60# ditto

2 tons 25 x 28½—45# ditto

3 tons 25 x 38—80# No. 2 Folding Enamel

from the Dwight Brothers Paper Company, Chicago, at a price of \$7,082.20, to be charged as follows: Extension Federal Bankhead-Jones \$5,195.20, and \$1,887.00 to Office Supply Storeroom revolving fund. The Dwight Brothers Paper Company is one of the five low bidders, and the samples submitted are better suited to the University's use than the others.

3. Pyrex Laboratory Glassware, 150 cases, for stock in the Chicago General Stores, from Schaar and Company, Chicago, at a price of \$2,646. This is a non-competitive item which is sold only through jobbers at prices fixed by the Corning Glass Works, the only manufacturer of this type of laboratory glassware.

4. Repair parts for link belt peck carrier (used for handling coal at Power Plant) from the Link Belt Company, the lowest bidder, at a price of \$1,127.05.

5. Forty head medium quality feeder steers weighing approximately 800 lb., to cost approximately \$8 per cwt. from Producers' Live Stock Commission Association, Live Stock Exchange Building, National Stock Yards (East St. Louis, Illinois), at a cost not to exceed \$3,500.

On motion of Mr. Cleary, these purchases were authorized as recommended.

PURCHASES AUTHORIZED

(31) A report of the following emergency purchases, amounting to \$1,000 or over, authorized by the President of the University:

1. Seventy head of good to choice, medium fleshed, feeder steers weighing from 700 to 800 pounds at a probable price of \$8.50 to \$9.00 per hundredweight, from the Producers Commission Association of Kansas City at a total cost not to exceed \$6,000 including freight to Urbana.

On motion of Mr. Mayer, this action was confirmed.

REPORT OF DEATH BENEFITS PAID

(32) A report that the Comptroller has been authorized to pay the death benefits to the beneficiaries of the following members of the staff in accordance with the University Statutes and the terms of their employment:

- | | |
|--|-----------|
| 1. J. F. Purkins, retired employee in the Physical Plant Department,
who died March 26, 1937..... | \$ 208 00 |
| 2. Elmer DeWitt Brothers, retired Lecturer in Medical Jurisprudence,
who died April 6, 1937..... | 73 50 |
| 3. E. Muriel Poggi, Associate in Geography, who died April 13, 1937.. | 1 175 00 |

On motion of Mr. Mayer, this action was confirmed.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(33) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

Heating Contract

Change Order No. 12

For omission of all Grinnell #400 floor plates on exposed risers and branch sleeves, deduct the sum of.....	\$554 56
For installing oversized steam and return riser sleeves to accommodate pipe covering on the third, fourth, and fifth floors, add the sum of.....	588 57
<i>Total addition.....</i>	<i>\$ 34 01</i>

On motion of Mrs. Plumb, the resolution ratifying this change was adopted.

QUARTERLY REPORT OF COMPTROLLER

(34) The quarterly report of the Comptroller to the Board of Trustees for the quarter ending March 31, 1937.

This report was received for record.

GIFTS TO THE UNIVERSITY

(35) The following report of gifts received by the University since the last report:

1. The Illinois Concrete Pipe Association and the Illinois Association of County Superintendents of Highways, two prizes of \$25 each to Civil Engineering seniors.

2. The G. Frederick Smith Chemical Company, Columbus, Ohio, \$750 for an "Analytical Research Fellowship" in the Department of Chemistry.

3. Dr. S. P. Baldwin, \$500 for a Research Assistantship in Zoology.

4. Mead Johnson and Company, \$700 for teeth structure research.

5. Tobacco By-Products and Chemical Corporation, an additional \$100 for nicotine insecticides.

6. Champaign County Milk Producers, an additional \$65.63 for the milk testing study.

7. Utilities Research Commission—\$3,461.65 for solubility of boiler waters (Case 31); \$1,205 for stack gases (Case 34); \$525 for stretching of lead sheaths (Case 23).

8. Eli Lilly Company, \$1,200 for serum proteins.

9. Nutrition Research Laboratories, Incorporated, an additional \$141.71 for the Vitamin D fund.

10. Standard Brands, Incorporated, an additional \$1,750 for antiseptic properties of the skin, and \$600 for yeast effect on digestive tract.

11. American Pharmaceutical Association, \$2,100 for Pharmacy special research assistantship in addition to previous offers.

12. Chicago Board of Trade, \$400 for Agricultural scholarships.

13. Utilities Research Commission, \$700, Solubility of Boiler Waters (Case 31).

14. Utilities Research Commission, \$650, Stack Gases (Case 34).

15. Utilities Research Commission, \$375, Stretching of Lead Sheaths (Case 23).

16. Nutrition Research Laboratories, Inc., \$141.67, Vitamin D Research.

17. Standard Brands, Inc., \$1,750, antiseptic properties of the skin.

18. Standard Brands, Inc., \$600, yeast effect on digestive tract.

19. Charles A. Dennison Estate, \$2,800, purchase of library books.

20. Library School Alumni Association, \$300, Katherine L. Sharp Scholarship in Library Science.

This report was received for record.

INVESTMENT OF ENDOWMENT FUNDS

At this point, Mr. Mayer, for the Finance Committee, presented a recommendation that the following securities be purchased as investments of endowment funds: Inland Steel Company, 3¾% bonds of 1961, at a price of about 101¼—\$5,000. Chicago Union Station, 3¾% bonds of 1963, at a price of about 102—\$5,000.

On motion of Mr. Mayer, these investments were authorized.

Mr. Mayer presented also the following report:

REPORT OF SALE OF H.O.L.C. BONDS 2¾% 1939-1949

Purchased \$10,000 at 94 26/32 October 17, 1934.....	\$9 481 25
Sold \$10,000 at 99 2/32 April 8, 1937.....	9 906 25
Net profit on principal account.....	425 00

On motion of Mr. Adams, this sale was approved.

The Board resumed consideration of matters presented by the President of the University.

STRUCTURAL DEFECTS IN UNIVERSITY AUDITORIUM

(36) Incidental to the study for the remodeling of the University Auditorium, the Physical Plant Department discovered a structural failure in one of the columns. This condition was such that it warranted closing the building to any public use until a complete inspection could be made and the defects corrected. This inspection is now under way, and a complete report will be presented to the Board later.

This report was received for record.

BEQUEST OF CELINDA H. McCULLOUGH

(37) The will of the late Mrs. Celinda H. McCullough, of Urbana, includes the following bequest:

"I give and bequeath to the Board of Trustees of the University of Illinois my Abraham Lincoln clock and desire it be kept in a fitting place on the campus of the University of Illinois in Urbana."

Mr. and Mrs. Charles H. Meyer (son-in-law and daughter of Mrs. McCullough), who are the principal heirs, and who represent the family, have asked that the Board of Trustees waive and release this bequest so that the clock may remain in the family to which it has a sentimental value far transcending any intrinsic value. If the Board acts favorably on this request it should authorize its officers to execute whatever form of release the Executor of Mrs. McCullough's estate may require.

On motion of Mr. Cleary, the Board declined to accept this bequest.

AGREEMENTS FOR RESEARCH INVESTIGATIONS

(38) A report of the approval of an agreement for cooperative research investigations with the Forest Products Chemical Company, Memphis, Tennessee, for a special industrial investigation by the Agricultural Experiment Station and the State Natural History Survey Division of the effects on chinch bugs of different repellents or barrier materials. The Company agrees to contribute \$150 to cover the expenses of this investigation.

On motion of Mr. Cleary, the execution of this agreement was approved.

AGREEMENT WITH CORN PRODUCTS REFINING COMPANY FOR INVESTIGATION OF DEXTROSE IN ANIMAL FEEDING

(39) A request from the Dean of the College of Agriculture for approval of an agreement with the Corn Products Refining Company for a cooperative investigation of the net energy value for farm animals of dextrose when added to basal rations adequate with respect to minerals and vitamins, but containing

variable proportions of protein, to be carried on by the Agricultural Experiment Station.

The agreement is drawn for the period, May 1, 1937, to September 1, 1938, with provision for its extension upon mutual agreement, and the Company agrees to contribute the sum of \$2,500 to cover the expense of the investigation.

This agreement conforms to the provisions in the University Statutes relating to such agreements with the exception that no reference is made to patentable discoveries since, in the opinion of the Dean of the College of Agriculture, there does not appear to be any probability of patentable discoveries resulting from this type of research.

On motion of Mr. Mayer, the execution of this agreement, with the inclusion of the patent clause, was authorized.

CROPPING AGREEMENT WITH UNITED STATES DEPARTMENT OF AGRICULTURE FOR USE OF LANDS IN DIXON SPRINGS AREA

(40) A recommendation from the Dean of the College of Agriculture for approval of a proposed temporary cropping agreement with the United States Department of Agriculture, Resettlement Administration, under which the University will be permitted to occupy and use certain lands in the Dixon Springs Area during the cropping season of 1937. No cash consideration is involved. The lands are the same as those controlled by the University during the 1936 season under two similar agreements—one with the Illinois Rural Rehabilitation Corporation and the other with the Resettlement Administration—and in addition certain adjoining lands recently acquired by the Government.

On motion of Mr. Moschel, the execution of this agreement was authorized.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Secretary presented for record the following list of graduate scholars and fellows appointed by the President of the University on April 7, 1937.

Agronomy.....	Werner L. Nelson.....	Scholarship.....	\$300
	Alvin Schwendiman.....	Scholarship.....	300
Animal Husbandry....	Lorin E. Harris.....	Scholarship.....	300
Bacteriology.....	Lloyd E. McDaniel.....	Scholarship.....	300
Botany.....	Phyllis L. Cook.....	Fellowship.....	500
	Virginia B. Gangstad.....	Fellowship.....	600
	Hubert A. Harris.....	Fellowship.....	600
	Josephine S. McAllister.....	Scholarship.....	300
B. O. O. (Accountancy)...	George S. Cerny.....	Scholarship.....	300
Chemistry.....	John R. Bower, Jr.....	Scholarship.....	300
	J. Wayne Cole.....	Fellowship.....	600
	Charles R. Eddy.....	Fellowship.....	600
	Lowell D. Eubank.....	Fellowship.....	500
	Wesley Fugate.....	Fellowship.....	500
	Frank J. Glavis.....	Fellowship.....	600
	Victor R. Hurka.....	Scholarship.....	300
	Israel R. Landau.....	Scholarship.....	300
	James H. Langston.....	Scholarship.....	300
	William T. Lenser.....	Scholarship.....	300
	William E. Lundquist.....	Fellowship.....	600
	Graham W. McMillan.....	Scholarship.....	300
	Victor G. Meadors.....	Fellowship.....	600
	Foil A. Miller.....	Scholarship.....	300
	Henry J. Nicholes.....	Scholarship.....	300
	Donald F. Peppard.....	Scholarship.....	300
	William C. Risser.....	Scholarship.....	300
	Carl L. Rollinson.....	Fellowship.....	500
	Samuel L. Scott.....	Scholarship.....	300

Chemistry (<i>cont'd.</i>)	Harry H. Sisler	Fellowship	\$500
	Howard M. Teeter	Scholarship	300
	David Turnbull	Fellowship	500
	Alson D. Van Wagner	Scholarship	300
	William W. Williams	Fellowship	500
Classics	Theodore Bedrick	Fellowship	500
	Gaylia M. Goode	Fellowship	600
	Sara V. Harrod	Scholarship	...
	William R. Jones	Scholarship	300
	Ruth L. Rohrbaugh	Scholarship	...
	Louis J. Sharp	Scholarship	300
	Grundy Steiner	Scholarship	300
	S. Byron Straw	Scholarship	300
	Edwin R. Tallmadge	Scholarship	300
Dairy Husbandry	Jim Dizikes	Scholarship	300
Economics	Claude D. Baldwin	Scholarship	300
	Julio N. Berrettoni	Scholarship	300
	Dwight P. Flanders	Fellowship	500
	Frisby S. Lockard	Scholarship	...
	Peter Masiko, Jr.	Fellowship	500
	James M. Stepp	Scholarship	300
	Ervin K. Zingler	Fellowship	600
Education	Konrad C. Dillow	Fellowship	600
Engineering:			
Civil	Jacob Karol	Fellowship	600
	Gordon V. Richards	Scholarship	300
	Clarence B. Welch	Scholarship	300
Electrical	Herbert J. McSkimin	Scholarship	300
Mechanical	Albert A. Rosenberg	Scholarship	300
English	Robert Van Akin Bauer	Scholarship	300
	Thomas A. Bledsoe	Scholarship	300
	Marion May Buchanan	Scholarship	300
	Paul J. Cooke	Fellowship	500
	Marion V. Hammond	Scholarship	300
	Roberta P. Jones	Scholarship	...
	George J. Kane	Fellowship	500
	Edgar W. Lacy	Fellowship	500
	Mary L. Neville	Scholarship	300
	George Scouffas	Scholarship	300
	Edgeley W. Todd	Scholarship	...
Entomology	Irving Fox	Scholarship	300
	Marion E. Smith	Fellowship	600
Geology	Kenneth O. Emery	Scholarship	300
German	Emory K. Rees	Scholarship	300
History	Eugene M. Braderman	Fellowship	600
	Arthur J. Cole	Scholarship	300
	Carl G. Gustavson	Scholarship	300
	Joseph B. James	Fellowship	500
	Marvin E. Lowe	Fellowship	500
	Mary L. Rice	Fellowship	500
	David M. Silver	Scholarship	300
	Robert M. Sutton	Scholarship	...
	J. Harvey Young	Scholarship	300
Mathematics	Warren Ambrose	Fellowship	600
	Paul H. Anderson	Scholarship	300
	Ross A. Beaumont	Fellowship	500
	James H. Bell	Scholarship	300
	Ralph L. Calvert	Scholarship	300
	Edwin L. Crow	Scholarship	300
	Almon E. Daniels	Scholarship	300
	William A. Ferguson	Scholarship	300
	Hugh F. Gingerich	Scholarship	300
	Franz E. Hohn	Fellowship	500

Mathematics (<i>cont'd.</i>)	Philip T. Maker	Fellowship	\$600
	Charles Rockwell	Scholarship	300
	David W. Starr	Fellowship	500
Philosophy	Alfred H. Stone	Scholarship	300
Physics	Charles J. Burton	Scholarship	300
	Elbert P. Carter	Fellowship	500
	Norman D. Coggeshall	Scholarship	300
	Louis J. Cutrona	Fellowship	500
	Beulah P. Field	Scholarship	300
	William E. Frye	Scholarship	300
	Joseph C. Johnson	Scholarship	300
	Robert Rogers	Fellowship	500
	Clifford G. Shull	Scholarship	300
	John F. Youngblood	Scholarship	300
Political Science	Alexander T. Edelmann	Fellowship	600
	Sam A. Kimble	Scholarship	300
	Mildred Raphael	Scholarship	300
	Theodore W. Taylor	Fellowship	500
	Clifford D. Waldo	Fellowship	500
Psychology	Carroll Weisiger, Jr.	Fellowship	500
Romance Languages	Lestine Carson	Scholarship	300
	Felix B. Giovanelli	Fellowship	600
	I. Oliver Karraker, Jr.	Fellowship	500
	Mrs. Katherine T. Kendall	Scholarship	300
	George M. Oudyn	Scholarship	300
	Jean Saba	Scholarship	300
	Jean O. Zacker	Scholarship	300
Sociology	Helmut O. Dahlke	Fellowship	500
	Gustav W. Krizek	Scholarship	...
	David S. Panitz	Fellowship	500
	Annabelle Scrogin	Fellowship	500
Zoology	Martha L. Bozeman	Fellowship	500
	David R. Lincicome	Fellowship	500
	Edna Mae Pratt	Fellowship	500

ORGANIC CHEMISTRY FELLOWSHIPS

Chemistry	Darrel J. Butterbaugh	Fellowship	600
	Elmer H. Dobratz	Fellowship	600
	George E. Eilerman	Fellowship	600
	Hugh W. Gray	Fellowship	600
	Robert M. Joyce	Fellowship	600
	Charles L. Levesque	Fellowship	600
	William J. Peppel	Fellowship	600
	Robert O. Sauer	Fellowship	600
	Harry K. Sutherland	Fellowship	600
	John H. Van Campen	Fellowship	600

CARR FELLOWSHIP

Chemistry	Charles L. Fleming, Jr.	Fellowship	750
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DOW FELLOWSHIP

Chemistry	William R. Dial	Fellowship	600
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DUPONT FELLOWSHIP

Chemistry	Clarence E. Denoon	Fellowship	750
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SOLVAY FELLOWSHIP

Chemistry	Edward C. Kirkpatrick	Fellowship	600
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KATHERINE L. SHARP SCHOLARSHIP

Library Science	Ruth M. Heiss	Scholarship	300
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APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Buck, Katheryn Elizabeth, Assistant in the Hospital Laboratory, in the College of Medicine, beginning April 15, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of one thousand six hundred thirty dollars (\$1,630) a year (this supersedes her previous appointment). (April 10, 1937)¹

Davis, Velma Marie, Assistant to the Examiner and Recorder in the Registrar's Office (Chicago Division), for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (April 9, 1937)

Dunn, Leah Maud, Stenographer in the Department of Animal Husbandry, in the Agricultural Experiment Station, for five months beginning April 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (April 9, 1937)

Hoover, W. Farrin, Assistant in Geology, on three-fourths time, for three months beginning April 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (April 7, 1937)

Larkin, Leo Carroll, Assistant in Medicine, in the College of Medicine, beginning April 5, 1937, and continuing through August 31, 1937, without salary. (April 10, 1937)

Levine, Arthur Harry, Assistant in Medicine, in the College of Medicine, beginning March 11, 1937, and continuing through August 31, 1937, without salary. (April 7, 1937)

Powell, Dwight, Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division, on three-fourths time, beginning April 1, 1937, and continuing until further notice, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (April 9, 1937)

Terman, Louis Arlington, Assistant in Medicine, in the College of Medicine, for five months beginning April 1, 1937, without salary. (April 10, 1937)

Wolcott, Philip P., Assistant in Geology, on three-fourths time, for three months beginning April 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (April 7, 1937)

RESIGNATIONS AND DECLINATIONS

The Secretary presented also for record the following list of resignations and declinations.

Brachvogel, Mrs. Virginia, Assistant in the Hospital Laboratory, in the College of Medicine—resignation effective April 15, 1937.

Carney, Paul W., Assistant and Second Junior Resident in Surgery, in the College of Medicine—resignation effective April 1, 1937.

Crow, Edwin L., Scholar in Mathematics—declination effective September 1, 1937.

Ewert, E. E., Associate in Surgery, in the College of Medicine—resignation effective April 1, 1937.

Fischer, V. N., Assistant in Geology—resignation effective April 1, 1937.

Glenn, Marguerite J., Nurse in the Dispensary, in the College of Medicine—resignation effective May 1, 1937.

Herndon, Zelma, Assistant in Obstetrics and Gynecology, in the College of Medicine—resignation effective March 1, 1937.

Hurka, Victor R., Scholar in Chemistry—declination effective September 1, 1937.

Johnson, Joseph C., Scholar in Physics—declination effective September 1, 1937.

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Miller, Foil A., Scholar in Chemistry—declination effective September 1, 1937.
Mummert, DeVere, District 4-H Club Adviser in the Extension Service in Agriculture and Home Economics—resignation effective April 1, 1937.

Nelson, Oliver E., Assistant in Anatomy, in the College of Medicine—resignation effective April 1, 1937.

Rall, Richard R., Assistant in Surgery, in the College of Medicine—resignation effective April 1, 1937.

Remmers, Edith Imogene, Stenographer and Typist in the Accounting Division of the Business Office—resignation effective March 19, 1937.

Robertson, John P., to give instruction in German, on one-third time, in the Summer Session of 1937—declination effective June 21, 1937.

In view of the possibility that necessity may arise for a further session of this meeting within a few days, the Board adjourned to meet at the call of the President.

H. E. CUNNINGHAM
Secretary

O. M. KARRAKER
President

ADJOURNED SESSION OF APRIL 26, 1937

Pursuant to the adjournment taken on April 14, 1937, the President of the Board of Trustees, on request of Governor Horner, ordered a session of the Board to be held in the Governor's Office, in the Executive Mansion, at Springfield, at 11 o'clock a.m. on Monday, April 26, 1937, at which only members of the Board were to be present. When the members of the Board convened, they were informed that the present session was to be regarded as an informal conference only, and the Board adjourned to meet at the Abraham Lincoln Hotel, in Springfield, at 2 o'clock p.m. on the same day.

SECOND SESSION, APRIL 26, 1937

When the Board convened at 2 o'clock p.m. on Monday, April 26, 1937, at the Abraham Lincoln Hotel, in Springfield, the following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and Judge Sveinbjorn Johnson, University Counsel.

REPORT OF CONFERENCE WITH GOVERNOR HORNER

President Karraker reported that seven members of the Board had met with Governor Horner in his office at his request, in order to give the Governor an opportunity to discuss the budget of the University from his standpoint. He said that the Governor had urged the necessity of a reduction in the budget, without specifying any amount, that several items had been discussed, and that the Governor had asked that a committee of the Board meet with representatives of the State Department of Finance, to be selected by the Governor, to confer with Mr. Morey at the University to go over the budget to see whether there were any possibilities of reduction.

Mr. Cleary offered a motion that the Board, in compliance with the request of the Governor, invite the State Department of Finance to send to the University such representatives as it may select to scrutinize the budget and to report to the Governor and to the Board such reductions as they believe it possible to make with the least injury to the University, such report not to commit either the Governor or the Board in any way.

Mr. Adams moved as an amendment that the President of the Board of Trustees be authorized to appoint a committee of three members to meet with the representatives of the Department of Finance and to report their findings to the Board of Trustees, without commitment in any way.

On roll call, the amendment was adopted by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, Mr. Cleary; absent, Mrs. Freeman, Mr. Horner, Mr. Mayer, Dr. Meyer.

On roll call, the original motion, as amended, was adopted by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, Mr. Cleary; absent, Mrs. Freeman, Mr. Horner, Mr. Mayer, Dr. Meyer.

It was agreed that the selection of a committee of the Board to review the budget involved only the obligation of the members of the committee to be present at the conference, to report to the Board without commitment on the part of any member of the committee or of the Board, and that no joint report was to be made by which any member would become bound or committed so as to limit freedom of action in the future.

The Board adjourned to meet on the call of the President of the Board.

H. E. CUNNINGHAM
Secretary

O. M. KARRAKER
President

ADJOURNED SESSION OF MAY 3, 1937

The Board of Trustees of the University of Illinois met in adjourned session, at the call of President Karraker, at the University, in Urbana, at 11:45 a.m. on Monday, May 3, 1937. The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, and, during part of the day, Director C. S. Havens, of the Physical Plant Department.

REPORT OF COMMITTEE TO REDUCE BUDGET

President Karraker reported that he had appointed Mr. Moschel, Mrs. Plumb, and Mr. Pogue to serve as the special committee authorized

on April 26, 1937, to meet at the University with representatives of the State Department of Finance to scrutinize the budget. President Karraker called on the members of the committee for a report.

Mrs. Plumb reported that the committee had met at the University on April 29 and 30 with representatives from the State Department of Finance, including Director S. L. Nudelman, Mr. William McClain, Mr. M. P. Akers, and Mr. J. J. Donoghue, and that after consideration of the budget during the two days, Director Nudelman had stated that he could not find any items in the budget which were unnecessary or in excess of the needs and requirements of the University, but that the budgetary situation in the State was such that he believed that an arbitrary reduction of two million dollars in the amount asked for the University from State funds was necessary.

Mr. Moschel and Mr. Pogue concurred in this report.

The board discussed the matter fully. President Karraker stated that it was his belief that the Governor and the State Department of Finance would not be satisfied with a reduction of less than two million dollars in the amount asked by the University.

On motion of Mr. Cleary, the following was adopted:

Whereas, the Board of Trustees has received a request from Mr. S. L. Nudelman, Director of the State Department of Finance, that the Board reduce the University budget by a minimum of two million dollars, be it *Resolved*, that the Board deems it impossible to make such a reduction without materially injuring the University.

This resolution was adopted on roll-call by the following vote: Aye, Mr. Cleary, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, Mr. Adams; not voting, Mr. Karraker, Mr. Pogue; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

Mr. Adams said that he voted against the resolution because he thought it undiplomatic and out of order.

Mr. Mayer presented the following:

Reiterating its previous position that the budget of the University of Illinois for the biennium of 1937-1939, as submitted to the State Department of Finance, is necessary to maintain the standards and prestige of the University, and that the elimination of construction items merely postpones necessary physical improvements—nevertheless, in an effort to meet the request of the Governor that this budget be reduced in view of the condition of State revenues,

Be it resolved by the Board of Trustees of the University of Illinois, That the President of the University is requested to recommend to the Board reductions in the budget of the University, in the total amount of \$1,250,000, not less than half of which is to be taken from the permanent improvements budget.

On motion of Mr. Mayer, this resolution was adopted by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, Mr. Cleary, Mr. Pogue; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

REPORT OF COMMITTEE ON GENERAL POLICY

Mr. Cleary, for the Committee on General Policy, made the following report:

**RECOMMENDATIONS FROM COMMITTEE ON GENERAL POLICY ON
FEES AND SCHOLARSHIPS**

The General Policy Committee, at a meeting held on May 1, unanimously recommends that:

1. The Board of Trustees give consideration to the advisability of discontinuing the issuance of new scholarships in Ceramic Engineering.
2. If the University's budget is reduced materially, the Board consider the advisability of suspending for the biennium of 1937-1939 the issuance of new scholarships in Agriculture and Home Economics.
3. If the University's budget is reduced materially, the Board consider increasing the fees charged students who are not residents of Illinois.

On motion of Mr. Cleary, these matters were referred to the President of the University for study and report at the next meeting of the Board.

TIME OF MAY MEETING

The Board voted to hold the May meeting in Chicago, on Thursday, May 13, 1937.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

UNIVERSITY AUDITORIUM

(1) At the meeting of the Board on April 14, a report was made of certain structural defects recently discovered in the University Auditorium. I present a further report on the structural condition of the building and an estimate of the cost of the necessary repairs to make the building safe and usable. It will cost at least \$17,000 to make the building safe and presentable for public use; and to do other very necessary remodeling, repairing, and redecorating which have been contemplated will require a total of approximately \$100,000 more. This latter figure does not include the \$17,000 estimated above, nor much-needed changes or improvements in the heating and ventilating system and the organ.

This matter was referred to the Committee on Buildings and Grounds for study and report at the earliest possible moment.

**NEW POLICY OF FEDERAL EMERGENCY ADMINISTRATION
OF PUBLIC WORKS RELATING TO GRANTS FOR
PUBLIC WORKS PROJECTS**

(2) The Federal Emergency Administration of Public Works has recently adopted a new policy in relation to grants in aid of construction of non-Federal public works projects. Under this policy the amount of the grant for a particular project depends on the amount of wages paid to workers who are actually taken from certified relief rolls. The maximum grant possible is still 45 per cent, but in no event may the grant exceed 115 per cent of the amount paid for wages to workers from the relief rolls as determined by an audit to have been so paid.

This would apply to the grant for a Student Center Building if made. In Illinois an average of the Public Works Projects shows that approximately 7 per cent of the labor has been taken from certified relief rolls.

This report was received for record.

JOURNALISM BUILDING

(3) Following the Board meeting on April 14, the President, Secretary, and past and present Chairmen of the Building Committee of the Illinois Press Association were notified of the action of the Board to postpone for two years its request for an appropriation for a building for Journalism and other subjects.

This report was received for record.

PURCHASES RECOMMENDED

(4) A recommendation that the following purchases be authorized:

1. One 16" x 30" — 6' LeBlond Regal 8 speed geared head quick change engine lathe, with motor, and with attachments, from R. K. LeBlond Machine Tool Company, Chicago, the lowest bidder, at a price of \$1,228.50 f.o.b. Cincinnati.

2. 450 barrels Portland Cement in paper sacks, from Morris L. Hecker Company, Champaign, the lowest bidder, at a price of \$2.38 per barrel, f.o.b. Urbana, or a total of \$1,071.00.

On motion of Mr. Pogue, these purchases were authorized as recommended.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Mayer reported for the Finance Committee that the Chicago Union Station $3\frac{3}{4}$ per cent bonds of 1963, the purchase of which at 102 was authorized, could not be secured for less than 104, and recommended that the purchase of \$5,000 of this issue at 104 be authorized; also that the purchase of \$5,000 National Steel Company, 4 per cent bonds of 1965 at a price of $104\frac{1}{2}$ be authorized as investments for endowment funds.

On motion of Mr. Mayer, the purchase of these securities was authorized.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 13, 1937



The May meeting of the Board of Trustees of the University of Illinois was held at the College of Medicine, in Chicago, at 10 o'clock a.m. (Chicago time) on Thursday, May 13, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Dr. Meyer, Mr. Moschel, Mrs. Plumb.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and, during part of the day, Dean D. J. Davis, Dean F. B. Noyes, Director C. S. Havens, and Mr. J. E. Millizen, Business Agent for the Chicago Departments.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of March 29, 1937.

On motion of Dr. Meyer, the minutes were approved as printed on pages 207 to 230 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

BIENNIAL BUDGET FOR 1937-1939

(1) The Board of Trustees at its meeting on May 3 voted to make a reduction of \$1,250,000 in the University's budget for the biennium of 1937-1939, as originally approved by the Board on October 26, 1936, and submitted to the State Department of Finance on November 1, 1936, and instructed the President of the University to recommend how this reduction should be made.

After conferring with the University Council, which under the University Statutes advises the President in the preparation of annual and biennial budgets, the following distribution of the reductions is submitted for consideration by the Board. The Council and the President are still of the opinion that these reductions, or any other reductions, will create difficult problems of administration, result in diminished educational service to the student body, and will damage the prestige of the University, but they are submitted in view of the instructions of the Board.

PROPOSED CHANGES IN APPROPRIATION REQUESTS

<i>From Tax Revenues</i>	<i>Authorized Requests¹</i>	<i>Proposed Reductions</i>	<i>Revised Requests</i>
Salaries and Wages.....	\$ 8 330 000	\$ 450 000	\$7 880 000
Office Expense and Printing.....	240 000	30 000	210 000
Travel.....	60 000	20 000	40 000
Operation.....	1 000 000	.....	1 000 000
Repairs, Equipment, and Minor Improvements.....	1 064 200	125 000	939 200
<i>Sub-total</i>	<i>\$10 694 200</i>	<i>\$ 625 000</i>	<i>\$10 069 200</i>
Cook County Agricultural Experiment Station.....	20 000	.....	20 000
Interest on Endowment Fund.....	64 902	.....	64 902
Permanent Improvements.....	1 875 000	875 000	1 000 000
<i>Total</i>	<i>\$12 654 102</i>	<i>\$1 500 000</i>	<i>\$11 154 102</i>
<i>Federal Grants</i>	<i>295 530</i>	<i>.....</i>	<i>295 530</i>
Total Mill Tax and General Revenue Funds.....	\$12 949 632	\$1 500 000	\$11 449 632
<i>Revolving Fund</i>	<i>3 450 000</i>	<i>- 250 000²</i>	<i>3 700 000</i>
<i>Grand Total</i>	<i>\$16 399 632</i>	<i>\$1 250 000</i>	<i>\$15 149 632</i>

¹Board meeting, January 29, 1937.

²Addition; Board meeting, March 29, 1937.

REVISED LIST OF PROPOSED PERMANENT IMPROVEMENTS

Addition to Library.....	\$ 350 000
New Meat Laboratory and Remodeling Old Quarters.....	150 000
Unit for Chemistry.....	150 000
Equipment for Medical and Dental Laboratories Building.....	350 000
<i>Total</i>	<i>\$1 000 000</i>

Professor Morey discussed the details of this revised budget.

On motion of Mr. Moschel, the budget was approved, carrying a total amount to be requested from the General Assembly of \$15,149,632, as itemized above, and the President of the University was authorized and instructed to secure the introduction into the General Assembly of appropriation bills for the University for the next biennium and to take charge of the matter from now on.

THE STATE NATURAL RESOURCES BUILDING

(2) As previously reported to the Board, the State Department of Registration and Education has been seeking an appropriation for a State Natural Resources Building to house the State Natural History and Geological Survey Divisions.

On March 9, 1937, a proposal was made to the Board of Trustees that a separate appropriation be made to the Department of Registration and Education for the erection of such a building at the University on a site to be deeded to the State by the Board of Trustees, and that when erected the University should operate this building. The Board did not see its way clear to accepting the responsibility of operating and maintaining a building which would belong to another agency of the State. The Board felt that if the University is to operate the building the appropriation should be made to it and the building constructed in the same way as other University buildings. This was explained to the Governor by the Chiefs of the State Geological and State Natural History Survey Divisions and by the Director of the Department of Registration and Education. I submit the following letter recently received from the Director of the Department:

May 4, 1937

President A. C. Willard, University of Illinois, Urbana, Illinois.

DEAR PRESIDENT WILLARD:

Referring to our conference which you, Dr. Frison, Dr. Leighton and myself had in my office sometime ago when we discussed the two alternatives in requesting an appropriation of \$300,000 for the State Natural Resources Building, I can now report as follows:

Late last Thursday afternoon, when Leighton and Frison were over here, I gained an audience with Governor Horner and we set forth the two plans. The Governor agreed to accept the recommendation of the two Chiefs that the appropriation be made to the University, and he requested that I inform Director Nudelman of the Department of Finance this week regarding this and have it added as a section in the University bill but clearly earmarked for this purpose. I have today transmitted this information to Mr. Nudelman.

I recall that we both felt at the time that this should be carried in a separate bill, but it seems now that there would be no advantage to this procedure but rather an inconvenience. I suggest, however, that the section be made to cover authorization to accept funds from federal sources.

I am asking the two Chiefs to discuss this matter with you, with reference to any further details, following which I shall be pleased to hear from you.

Yours very truly,

JOHN J. HALLIHAN
Director

On motion of Mr. Cleary, the President of the University was instructed to advise the Department of Registration and Education, in reply to its request presented by the Director in his letter of May 4, that it is the opinion of the Board of Trustees that the appropriation for a State Natural Resources Building should be made to the University, that it should be presented to the General Assembly in a separate bill sponsored by the Department, instead of as a section of the bill for the biennial appropriation to the University, and that there should be included in the appropriation an amount sufficient to provide for connections to the building of the necessary service lines including water, gas, steam, electricity, and any other utilities necessary in operating the building; and the President and the University Counsel were authorized to assist the Department in preparing a draft of a bill for this appropriation.

LAPSING OF BALANCES IN THE GENERAL RESERVE FUND

(3) The action of the Board of Trustees in approving the budget for each year provides that "when appointments are made at salary rates less than the amounts

provided in the budget, the unused balance will lapse at that time." Accordingly, balances in the salaries budgets of the various departments of the University due to positions not filled during the second semester, 1936-1937, or to appointments at salaries less than the budgetary provisions, totaling \$16,516, are lapsing during the second half of the current academic year and will go into the General Reserve Fund. Lists of these items are being given to the Secretary of the Board and the Comptroller for record.

This report was received for record.

ADJUSTMENT IN BUDGET OF DEPARTMENT OF AGRONOMY FOR CORN PERFORMANCE TESTS

(4) A recommendation from the Dean of the College of Agriculture that the 1936-1937 budget of the Department of Agronomy be revised to provide for testing corn performance, a new activity of the Department. This activity will be practically self-supporting financially, but it is desirable to set up a separate account for this work. The Department estimates annual receipts of \$2,325 and annual expenses of \$2,309; for the balance of the present fiscal year the estimate of expense is \$750, although the receipts will approximate \$2,325.

The following provisions are recommended:

1. Authorization to credit all receipts from corn performance tests to a revolving account, the balance to be carried forward at the close of each fiscal year. The estimate for the current year to June 30 is \$2,325.

2. Approval of a budget of expenditures for this work for the remainder of the fiscal year to June 30 as follows to be appropriated out of the revolving account:

Wages.....	\$600
Travel.....	<u>150</u>
Total.....	\$750

On motion of Dr. Meyer, the setting up of this revolving account was authorized and the appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR THE REGISTRAR'S OFFICE

(5) A recommendation that an assignment of \$950 be made from the General Reserve Fund to the Registrar's Office to supplement the expense of that office for the current year 1936-1937.

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR UNIVERSITY BULLETINS

(6) The Director of the University Press reports that the cost of printing and mailing certain University bulletins will exceed budgetary provisions for this expense for the current fiscal year by approximately \$650 due largely to the increase in the number of students. The items are as follows:

	<i>Appropriation</i>	<i>Expended</i>
Local Directory.....	\$ 1 500	\$ 1 762
Announcement of Courses.....	1 800	1 980
Annual Register.....	7 500	7 600
Postage on Bulletins.....	<u>750</u>	<u>850</u>
Total.....	\$11 550	\$12 192

I recommend that an assignment of \$650 be made from the General Reserve Fund to the University Press to supplement the appropriation for the current year for the above items.

On motion of Mrs. Freeman, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Horner, Mr. Mayer, Mr. Pogue, Mr. Wieland.

**APPOINTMENT OF PROFESSOR W. S. ROBERTSON AS HEAD
OF THE DEPARTMENT OF HISTORY**

(7) A recommendation that Professor W. S. Robertson, of the Department of History, be appointed Head of the Department on indefinite tenure at an annual salary of \$5,500 beginning September 1, 1937, vice Professor L. M. Larson, who will retire at the end of the present academic year. This recommendation comes from a special committee on the Headship of the Department of History and the Executive Committee of the College of Liberal Arts and Sciences.

On motion of Mr. Moschel, this appointment was made as recommended.

LEAVE OF ABSENCE FOR PROFESSOR W. G. KAMMLADE

(8) A request from Associate Professor William G. Kammlade, of the Department of Animal Husbandry, for a leave of absence without pay from October 1, 1937, to July 1, 1938, to enable him to accept a temporary appointment at the Utah State College of Agriculture, substituting for a member of its faculty who will be on leave of absence.

Professor Kammlade's specialty is sheep husbandry, and he desires to accept the appointment because of the importance of live stock production in western areas of the United States. Utah is one of the leading sheep and wool producing states, and this would give him an opportunity to study problems of range sheep raising and the relation which production in those areas bears to sheep raising and lamb feeding in Illinois.

The Dean of the College recommends the approval of this request, and I concur.

On motion of Dr. Meyer, this leave was granted as recommended.

LEAVES OF ABSENCE

(9) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Miss Clara Lowe, Superintendent Nurse in the Dispensary of the College of Medicine, four months from June 1, 1937, with pay to June 20 and without pay for the rest of the leave, on account of ill health, this being in addition to her regular month's vacation with pay.

2. Professor John Van Horne, of the Department of Romance Languages, sick leave with full pay from April 1 until the end of the semester, or such previous time as he is able to resume his full schedule of work. Professor Van Horne is not seriously ill but is unable to walk. He is carrying on his scholarly work and is meeting two of his classes at home; the others are being taken care of by his colleagues without additional expense to the University.

3. Miss Edna E. Walls, Assistant Professor of Child Development and Parent Education, one month from August 1, 1937, with pay, on account of ill health, this being in addition to her regular month's vacation.

On motion of Mrs. Freeman, these leaves were granted as recommended.

LEAVE OF ABSENCE FOR MR. H. E. CUNNINGHAM

(10) A request from Mr. H. E. Cunningham, Secretary of the Board of Trustees, for a leave of absence for one month with pay during the summer of 1937, in addition to his regular vacation, for the purpose of travel abroad.

On motion of Dr. Meyer, this leave was granted as requested.

APPOINTMENTS TO PLYM FELLOWSHIP AND SCHOLARSHIP

(11) A report of the following appointments made on recommendation of the Plym Fellowship Committee and the Department of Architecture:

Francis J. Plym Fellowship in Architecture: Principal—Harris A. Kemp, 459 Beacon Street, Boston, Massachusetts; Alternate—A. Richard Williams, 459 Beacon Street, Boston, Massachusetts.

Plym Foreign Scholarship in Architectural Engineering: Principal—Rudard A. Jones, 2357 N.W. Irving Street, Portland, Oregon; Alternate—Richard G. Belsterling, 3934 Prospect Road, Peoria Heights, Illinois.

This report was received for record.

**LITIGATION TO PROTECT RADIO STATION WILL ON
580 KILOCYCLE FREQUENCY**

(12) The Director of Radio Station WILL reports that there is now pending before the Federal Communications Commission an application from Lansing, Michigan, for an assignment to a 580 kilocycle frequency, which if granted would seriously curtail the effectiveness of Station WILL. He recommends that the University oppose the application and that he be authorized to retain Mr. Horace L. Lohnes as Attorney and the firm of Jansky and Bailey, Radio Engineers, in this litigation. The attorney fees will be \$75 a day and those of Jansky and Bailey \$100. He estimates that not more than one day's time will be required of either.

On motion of Mrs. Plumb, this recommendation was adopted.

APPLICATION FOR FEDERAL GRANT FOR STUDENT CENTER

(13) At the meeting of the Board on May 3, a report was made of the new policy adopted by the Federal Emergency Administration of Public Works. Grants are limited to an amount equal to the wages paid to workers taken from relief rolls plus 15 per cent of the amount so paid.

The State Director has asked if the Board of Trustees would be interested in having the University's application for a grant for a Student Center Building considered on this basis.

On motion of Mr. Cleary, the President of the University was authorized to notify the Federal authorities that if the new policy is continued, the University does not believe it practicable to press its application for a grant; but in the event the policy is modified so that the grant basis is made more favorable than it is under the present new policy, the University would desire to have its application for a grant considered.

**EXTENSION OF CONTRACT PERIOD IN CONSTRUCTION
OF MEDICAL AND DENTAL BUILDING**

(14) It is necessary to request the Federal Emergency Administration of Public Works to grant another extension of time for the completion of the second unit of the Medical and Dental College Laboratories Building. A resolution requesting such extension must be adopted by the Board to comply with the Federal regulations. The following is offered:

Whereas, It has become clear that the Medical and Dental College Building in process of erection as Illinois Public Works Administration Project No. 1057 cannot be completed on or before May 1, 1937, in conformity with the stipulations in the contract (as modified by a previous extension of time from December 15, 1936, to May 1, 1937) with the United States, acting through the Federal Emergency Administration of Public Works, for the following reasons which have been prepared by the contractors, and which have been checked by us and found to be substantially correct:

"(1) Strike at glass factory which resulted in a delay in enclosing the building, and in turn prevented turning on the temporary heat. This naturally slowed up progress on many of the crafts.

"(2) Non-delivery of Holophane fixtures for surgical and autopsy amphitheatre, resulting in delay of all finishing trades in these rooms. This alone has caused a delay of four weeks.

"(3) Inclement weather delaying topping out of tower.

"(4) Delay in securing details on ceiling heights.

"(5) Delay on work in amphitheatres now prevents turning elevators over for completion and the main lobby and entrance for finishing.

"(6) Delay in awarding contract on lighting fixtures, due to the fact that the owner was not advised of changes in P.W.A. regulations.

"(7) The extension of time requested is eleven weeks.

"(8) In consideration of the granting of the extension of the time for completion of this project as requested in this letter, we agree to relinquish any claims we may have against the University of Illinois for damages or additional compensation that may be due to the delays detailed above."

Now therefore be it resolved, by the Board of Trustees of the University of Illinois, that we agree to the request of the contractors for an additional extension of time from May 1, 1937, to July 15, 1937; and

Be it further resolved, that we hereby request of and recommend to the United States, acting through the Federal Emergency Administration of Public Works, that an extension of time be granted for the completion of the above described project from May 1, 1937, to July 15, 1937.

On motion of Mr. Moschel, this resolution was adopted.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(15) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

I. General Contract

Change Order No. 25—Revised

For omission of photo murals in rooms 520 and 1202, deduct the sum of \$1 305 00

For applying two coats of lead and oil where photo murals are omitted,
add the sum of 75 00

Net Credit \$1 230 00

Change Order No. 30

For omitting suspended ceilings in rooms 28, 31, 35, 36 and 37, deduct
the sum of \$ 272 10

Addition for extending tile partitions, plastering and painting from
point of suspended ceiling heights to concrete ceilings 346 90

Net Extra \$ 74 80

Change Order No. 31

For furnishing labor and material for construction of new street curbs:
Polk Street

Patch present curbs \$ 18 75

Excavation 54 60

Concrete 88 40

Concrete forms 123 00

Concrete finish 41 10

\$325 85

Wood Street

Remove stone curb 17 00

Excavation 46 40

Concrete 78 00

Concrete forms 139 00

Concrete finish 41 40

Add for curbed forms 13 00

\$334 80

Finish concrete slab in corner Polk and Wood Streets

Excavation 10 32

Slab 18 00

\$ 28 32

Net Extra \$688 97

Change Order No. 32

Allowance in General Contract for Fifty-six Electric Clocks.....	\$2 000 00
Proposal from Stromberg Electric Company for furnishing and delivering to site Twenty-nine Clocks.....	\$643 75
Boxes to receive Fifty-six Clocks.....	48 96
<i>Total Deduction</i>	<u>692 71</u>
	\$1 307 29

II. *Plumbing Contract**Change Order No. 17*

For extending 4" gas main from meter location at column G-1 in Mechanical Equipment Room No. 3 as shown on contract drawings to new meter location near column K-1 in Mechanical Equipment Room No. 3. This includes making all necessary connections at the meters as required by the installation and the Peoples Gas, Light, and Coke Company, add the sum of.... \$220 00

On motion of Mrs. Plumb, the resolution was adopted.

**AGREEMENT WITH CHICAGO VITREOUS ENAMEL PRODUCT
COMPANY FOR INVESTIGATION OF ENAMEL FRITS**

(16) A recommendation from the Dean of the College of Engineering for the approval of an agreement with the Chicago Vitreous Enamel Product Company, of Cicero, Illinois, for a cooperative investigation of enamel frits by the Engineering Experiment Station.

The agreement is drawn to cover a period of two years, beginning July 1, 1937, with a provision for its extension upon mutual agreement, and the Company agrees to pay the University \$7,000 (\$3,500 per year) to cover the cost of the investigation. The agreement conforms to the University Statutes and policies of the Board of Trustees relating to such research work.

On motion of Mr. Cleary, this agreement was authorized as recommended.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(17) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

MARCH 24, 1937, TO MAY 8, 1937

Agreement as authorized by Board of Trustees in meeting of March 9, 1937 (Minutes, page 196):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Illinois Crop Improvement Association	Agreement concerning distribu- tion of hybrid seed corn	None	March 15, 1937

Cooperative investigations approved by Board of Trustees in meetings of March 9, 1937 (Minutes, page 196), and March 29, 1937 (Minutes, page 219):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Tennessee Valley Authority	Agreement covering experi- mental and demonstra- tion work on fertilizers	Reimbursement of actual expenditures	March 1, 1937
Tennessee Valley Authority	Agreement covering demon- strations of phosphate fer- tilizers	\$1,500 per year	March 16, 1937

Minor agreement executed under general regulations of Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
American Can Co.	Lease of can-closing machinery	\$1.00 per year	March 26, 1937

This report was received for record.

PURCHASE OF PASSENGER AUTOMOBILES FOR AGRICULTURAL EXTENSION SERVICE

(18) The Comptroller and Purchasing Agent submit the following prices secured for the annual replacement of cars for the Agricultural Extension Service, these purchases to be made entirely from Federal funds:

	<i>New</i>	<i>Allowance for old cars</i>	<i>Net</i>	<i>Total</i>
E. V. Kirby Motor Co., Champaign				
Ford V8, 85 HP—11 Coupes.....	\$6 965 75	\$4 950 00	\$2 015 75	
Regular..... 4 Sedans.....	2 877 76	1 960 00	917 75	\$2 933 50
Sullivan Chevrolet Co., Champaign				
Master Chevrolet—7 Coupes.....	4 463 20	3 225 00	1 238 20	
3 Sedans.....	2 204 25	1 525 00	679 25	
Stratton Motor Co., Macomb, Illinois				
Master Chevrolet—				
4 Coupes.....	2 660 00	1 960 00	700 00	
1 Sedan.....	765 00	490 00	275 00	2 892 45

"Plymouth" and "Terraplane" dealers were asked to quote but did not, either because of inability to get sufficient new cars or being unable to handle so many used cars.

The Director of the Agricultural Extension Service requests that in view of the small difference in price the Ford cars be purchased for the reason that the Department has used Ford cars for several years and the Director believes it is an advantage, from the standpoint of safety and convenience, for the members of the Extension staff to use cars to which they have become accustomed.

On motion of Dr. Meyer, the purchase of Ford automobiles was authorized as recommended.

PURCHASE OF SECURITIES

Dr. Meyer, for the Finance Committee, presented the following report:

The Comptroller reports the purchase of the following securities in accordance with the authorization of the Board of Trustees:

\$5,000 Inland Steel Company, first 3¾%, due 1961 at 102¼

\$4,000 Chicago Union Station, first, Series E, 3¾% at 104¼

\$1,000 Chicago Union Station, first, Series E, 3¾% at 105

He also reports the call as of May 1, 1937, of \$10,000 par, Des Moines Electric Company, 5%, due 1938, at 105, total \$10,500. The book value of these bonds at time of call was \$10,013.84, leaving a profit of \$486.16 which has been carried to the Reserve for Gains and Losses.

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

On motion of Mr. Cleary, the Finance Committee was authorized to invest \$15,000 of endowment funds if suitable securities can be found.

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

JOHNSTONE AND SINGH PATENTS

(19) A report from the Secretary of the Board that he has received through Brown, Jackson, Boettcher, and Diener, Attorneys, the assignment of Henry F. Johnstone and Alamjit D. Singh, transferring to the Board of Trustees of the University of Illinois the entire right, title, and interest in and to the inventions disclosed in their applications for United States Letters Patents, Serial Nos. 132,691 and 132,692, filed March 24, 1937, covering improvements in Combined Cooler and Scrubber, Case 2, and Process for Recovering Sulphur Dioxide from Waste Gases, Case 4.

This report was received for record.

LEGISLATIVE ASSENT TO PROVISIONS OF BANKHEAD-JONES ACT OF UNITED STATES CONGRESS

(20) The Sixtieth General Assembly of Illinois by House Joint Resolution No. 24, adopted by the House of Representatives March 23, 1937, and concurred in by the

Senate April 7, 1937, has given its assent to the provisions of an act of Congress approved June 29, 1935 (Public—No. 182—74th Congress), providing additional Federal funds for research into basic laws and principles relating to agriculture and to provide for the further development of cooperative agricultural extension work and the more complete endowment and support of land-grant colleges. A certified copy of this resolution has been sent to the United States Department of Agriculture and a certified copy is being handed to the Secretary of the Board for record.

This report was received for record.

UNIVERSITY AUDITORIUM REPAIRS

(21) A statement concerning the repairs to the Auditorium.

Mr. Adams stated that the Committee on Buildings and Grounds was not ready to report on this matter.

BIDS ON EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

(22) A schedule of bids on the fixed laboratory equipment for the second unit of the Medical and Dental College Laboratories Building, opened May 12, 1937. These bids are about \$120,000 higher than the estimates.

<i>Bidders</i>	<i>Base Bid</i>	<i>Deductions Omitting Certain Rooms</i>	<i>Net Total</i>
Wood Equipment only:			
1. Kewaunee Manufacturing Company.....	\$189 291 77	\$22 665 13	\$166 626 64
2. W. W. Kimball Company.....	197 500 00	23 750 00	173 750 00
3. E. H. Sheldon Company.....	203 604 10	25 611 75	177 992 35
Steel Equipment only:			
4. General Fireproofing Company	93 983 00	5 262 86	88 720 14
5. E. H. Sheldon Company.....	99 355 00	5 486 00	93 869 00
6. Kewaunee Manufacturing Company.....	106 796 59	5 925 30	100 871 29
Wood and Steel Equipment (Combined Low Bids):			
7. Sum of items #1 and #4.....	283 274 77	27 927 99	255 346 78

On motion of Mrs. Plumb, the decision on the award of contracts for this equipment was withheld until the bids for dental equipment are received, and the entire matter can be restudied, and the Comptroller was authorized to return the certified checks to the higher bidders.

SCHOLARSHIPS IN CERAMICS, AGRICULTURE, AND HOME ECONOMICS

(23) In accordance with the instructions of the Board at its meeting on May 3, consideration has been given to the advisability of discontinuing the issuance of new scholarships in Ceramic Engineering and of suspending for the biennium of 1937-1939 the issuance of new scholarships in Agriculture and Home Economics. The following is a summary of the statements presented by the Registrar, the Dean of the College of Engineering, and the Dean of the College of Agriculture who were consulted concerning these proposals:

A. General Statements

1. Announcement of all scholarships is made in the Annual Register, and the new edition has recently been published and is being distributed.

2. During the current University year the Registrar's Office and other offices have answered many inquiries about undergraduate scholarships and, of course, have given very specific information concerning the three types of scholarships in question.

3. During the year the University has sent representatives to college day exercises and high school guidance conferences at the request of high school authorities in various parts of the State. At these meetings information has been given about undergraduate scholarships available at the University.

B. Specific Statements with Reference to:

1. Scholarships in Ceramics:

(a) This year for the first time candidates have been selected from students in the upper half of their high school classes, and the Department of Ceramic Engineering deems it desirable to continue the experiment.

(b) The Department has an advisory committee of representatives of the ceramic industries which it feels should be consulted before any final action is taken.

2. Scholarships in Agriculture and Home Economics:

(a) The Illinois Farmers' Institute has sent circulars of information to all high school teachers of vocational agriculture, county and district officers of the Institute, and to Farm Advisers. In this literature emphasis is placed upon the requirement that scholarship applications must be filed at the Farmers' Institute office in Springfield not later than May 31 and that the scholarship examination must be taken on the first Saturday in June.

(b) The Secretary of the Illinois Farmers' Institute already has received a large number of applications and he has notified the candidates to appear for the examination.

(c) The scholarship examination is to be held on June 5. All University arrangements for it are complete, and unquestionably high school students all over the State are preparing for the examination on the basis of the announcements made by the University and the Farmers' Institute.

(d) A study of the personnel records of all students entering on agriculture scholarships during the past two years shows that all of them are partially or entirely self-supporting.¹ This would indicate that suspension of these scholarships will make it impossible for many students interested in agriculture and home economics to attend the University.

(e) It appears likely that discontinuance of these scholarships will increase the demand for General Assembly Scholarships, which would be to the disadvantage of the University since the Board of Trustees has no control over the latter.

(f) These scholarships have been looked upon by the Illinois Farmers' Institute as a legitimate and valuable service to the rural sections of Illinois. They have been established for so many years at the original request of the Institute that their suspension may be taken as an affront.

(g) The withdrawal of these scholarships will force students interested in agriculture and home economics to attend the State Teachers Colleges and other similar institutions in the State.² The effect of this would be to stimulate duplication of facilities for training in agriculture and home economics at the college level in various parts of the State, which is contrary to sound public policy.

(h) With these scholarships now requiring graduation in the upper half of the high school class and successful passing of the County Scholarship examination, they are a distinct advantage in improving the quality of students in the College of Agriculture. Discontinuing the scholarships would remove this influence.

For the above reasons it would seem unwise for the University to discontinue these scholarships for the year 1937-1938. I recommend, therefore, that no change be made in the present scholarship program of the University of Illinois for the year 1937-1938.

On motion of Mr. Cleary, the President of the University was requested to notify the Advisory Committee on Ceramics that a motion will be made at the next meeting of the Board to discontinue immediately the scholarships in ceramics and ceramic engineering, and to invite the Committee to be present at that time.

¹Personnel records in the College of Agriculture were established only two years ago, so that this information about the juniors and seniors is not available.

²At present at least three of the State Teachers Colleges are offering a considerable amount of training in Agriculture and at least two of them have considered an enlargement of their offerings so as to give four full years of agricultural training. All of the Teachers Colleges offer training in home economics.

On motion of Mr. Cleary, the President of the University was asked to notify the Illinois Farmers' Institute that a motion will be made at the next meeting of the Board to suspend the scholarships in agriculture and home economics for two years beginning September 1, 1938, on the ground of economy, and to invite representatives of the Farmers' Institute to be present at that time. Mrs. Plumb voted no on this motion.

FEES FOR NON-RESIDENTS OF ILLINOIS

(24) On May 3 the Board of Trustees voted that consideration be given to the advisability of increasing the fees charged students who are not residents of Illinois. This proposal should take into consideration the following facts:

1. The official publications such as the Annual Register, in which fees are announced, are largely in print. However, students now registered in the University could be advised through the press, and new students through correspondence which the Registrar's Office conducts with them, of any change made in these fees.

2. The University of Illinois does not draw students from the surrounding states as heavily as the publicly supported institutions in those states draw Illinois students.

3. Any material increase in the non-state fee would probably reduce the non-state enrollment to such a degree that the income from those fees would be about the same as it is now; a small increase in the non-state fee would probably not reduce the non-state enrollment very much.

4. There are only three state universities in the mid-continent area (Wisconsin, Ohio State, and Purdue) which have a larger differential between their state and non-state fees than the University of Illinois; others (including Michigan, Minnesota, Indiana, and Iowa) have a lower differential between state and non-state fees.

5. By comparison with other institutions the differential fee charged non-state students is about the same in proportion to the resident fee as at Indiana, Iowa, Michigan, and Minnesota, but less than at Ohio, Purdue, and Wisconsin.

It is my opinion that a State University should not restrict its enrollment to citizens of the state and that a policy of reciprocal educational service between the states should be observed in fixing fees for out-of-state students. Since some states recognize this fact, while others do not, it is probable that for practical reasons an out-of-state fee comparable with the average differential fee in surrounding states is justified and is approximately what we now have.

Even on the present basis of our out-of-state fees, our proportion of students from outside Illinois is steadily shrinking (now only 12.48%), and the University of Illinois is becoming more and more a purely local institution, while 25 years ago about 25% of our students came from other states and *from other college grade institutions*. The value of a considerable number of students from other states both from the standpoint of stimulating our own students by creating a true University group or body of students, promoting scholarship, and adding to our national prestige and standing is most important. In order to attract and secure staff members from other institutions we must be known as well and as widely as possible over the United States as a comprehensive University. These out-of-state students assist materially in accomplishing the objectives listed above.

For these reasons, I believe, the present out-of-state fees charged by the University should be maintained without essential change.

Action on this matter was deferred until the next meeting.

GRADUATE COURSES IN PUBLIC HEALTH

(25) At previous meetings of the Board (December 15, 1936, and January 29, 1937) consideration was given to requests for the establishment of undergraduate and graduate courses in public health. Action on this was deferred until further information could be secured concerning the objectives and requirements of such an educational program and particularly until after a meeting of State and other public health authorities had been held in Washington to discuss the various problems involved in the training of public health personnel.

A further report on this matter from the Dean of the College of Medicine indicates that there are several reasons why the University of Illinois cannot properly proceed to the organization of such work at the present time, viz.:

1. The budget which such a program would require is considerably beyond the University's financial resources.

2. The College of Medicine is not yet ready to proceed to the organization of such work.

3. The information now in hand is not sufficient to enable the University to organize a definite program of education for public health personnel.

It is clear that regardless of other considerations the budget which it would require makes impossible any sort of a program of public health work during the biennium of 1937-1939, and under the circumstances I recommend that further consideration of the proposal be indefinitely postponed.

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

RECOMMENDATION OF DETROIT ILLINI CLUB CONCERNING ASSOCIATE ARCHITECTS FOR UNION BUILDING

(26) The Detroit Illini Club, believing that recognition should be given to outstanding graduates in architecture of the University of Illinois, recommends that the Board of Trustees seriously consider commissioning not more than three such graduates as Associate Architects for the proposed Student Center, or Union Building, the individual qualifications to be based upon: (1) character and professional reputation; (2) ten years of independent practice; (3) classification of exhibits; (4) alumni activity. The Club is actuated in this recommendation solely from the standpoint of having a Union Building at the University which is thoroughly and completely an Alumni project.

No action was taken on this matter.

POST-GRADUATE COURSES IN OBSTETRICS AND PEDIATRICS

(27) A request from the Dean of the College of Medicine for the authorization of post-graduate courses in Obstetrics and Pediatrics to be offered during the summer of 1937 from July 5 to August 31.

The plan is to offer a series of courses, with classes being limited to ten licensed practitioners per week. A fee of \$10 a week for residents of the State, and \$15 for non-residents of the State, would be charged, which would cover all of the expenses of this work. I recommend approval.

On motion of Mrs. Plumb, these courses and fees were authorized.

GIFTS TO THE UNIVERSITY

(28) A report of the following gifts received by the University since the last report was received by the Board:

1. The Carnegie Corporation, \$5,000 for research work in the College of Dentistry. This is to provide two grants-in-aid of \$2,000 each (\$1,500 for a fellowship and \$500 for supplies) and a fund of \$1,000 for technical assistance in support of Dr. Isaac Schour's researches.

2. Mead Johnson Company, \$1,400 for research work in the College of Dentistry in support of Dr. Isaac Schour's researches.

3. Illinois Bankers Association, \$500 for a graduate fellowship in Economics during 1937-1938.

4. The Board of Education of Chicago and the Hyde Park High School, the loan of Ghiberti's "Gates of Paradise" to be housed with Lorado Taft's collection of casts.

5. Department of Illinois, Ladies Auxiliary to the Veterans of Foreign Wars, \$50 to be awarded to some worthy student in the Reserve Officers' Training Corps who does not receive an award from another source. The award will be made to a first-year advanced-course (junior) cadet who has been active and helpful in the "Pershing Rifles" for three years.

6. Frank L. Davis, of the Class of 1888, a collection of actual working drawings of important buildings in the Chicago area for the use of the Department of Architecture.

7. Federal Cartridge Corporation, quail for breeding purposes, feed and equipment for use by the Agricultural Extension Service in 4-H Club work.

8. Scarab Fraternity, a medal to be offered to the sophomore student in architectural design whose work on the first major problem of the second semester is judged to be the most meritorious by the jury of the Department of Architecture.

9. Utilities Research Commission, additions to previous grants:

\$1,800 Solubility of Boiler Waters (Case No. 31)

\$1,700 Stack Gases (Case No. 34)

\$2,100 Stretching of Lead Sheaths (Case No. 23)

10. Nutrition Research Laboratories, an addition of \$141.67 to a previous grant for Vitamin D research.

This report was received for record.

TRANSCRIPTS OF STUDENT RECORDS

(29) A request from the Superintendent of Schools of Quincy that the University waive the charge of \$1.00 for official transcripts of records.

No action was taken on this matter.

TIME OF JUNE MEETING

The Board voted to hold the June meeting at the University, in Urbana, at 10 o'clock a.m. on Wednesday, June 9, 1937.

GRADUATE SCHOLARSHIPS

The Secretary presented for record the following list of graduate scholars appointed by the President of the University.

Botany.....	Geraldine Marguerite Moon.....	Scholarship.....	\$300
Chemistry.....	William L. Hancock.....	Scholarship.....	300
Mathematics.....	John H. Olhaber.....	Scholarship.....	300
Zoology.....	Fred Ray Cagle.....	Scholarship.....	—

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Bartlett, Alice, Laboratory Helper in the Department of Orthopaedics, in the College of Medicine, for three months beginning June 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month (this supersedes her previous appointment). (May 7, 1937)¹

Beiler, A. C., to give instruction in Physics, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (April 26, 1937)

Berg, Max, Assistant in Pathology, in the College of Medicine, for four months beginning May 1, 1937, without salary. (April 23, 1937)

Cluster, Mrs. Lowell Harris, Stenographer in the Office of the Dean of the College of Engineering, on one-half time, for four months beginning May 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of forty dollars (\$40) a month. (May 3, 1937)

Dollins, Curtis W., Special Research Assistant in Engineering Materials, in the Engineering Experiment Station, beginning June 1, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (May 10, 1937)

Eldson, James Harold, Instructor in Romance Languages, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1,800). (April 26, 1937)

Godfrey, Frances M., Stenographer in the Department of Agricultural Economics, in the Agricultural Experiment Station, for four months beginning May 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month. (April 23, 1937)

Goldfeller, Ben, Technician in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, on three-fifths time, beginning April 16,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

1937, and continuing through August 31, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (April 20, 1937)

Goodman, Glenn Herbert, to give instruction in German, on one-third time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of eighty-three dollars thirty-three cents (\$83.33) for the session. (April 15, 1937)

Hamlin, H. M., to give instruction in Agricultural Education, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of nine hundred dollars (\$900) for the session. (April 21, 1937)

Hudson, Mary Sue, Assistant in the Reference Department of the Library, on one-half time, beginning June 11, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of fifty-five dollars forty-one cents (\$55.41) a month. (May 3, 1937)

Jepson, Harold Lee, District 4-H Club Adviser in the Extension Service in Agriculture and Home Economics, for four months beginning May 1, 1937, at a cash compensation at the rate of two thousand seven hundred dollars (\$2,700) a year, which includes seven hundred dollars (\$700) for automobile expense at 4¢ per mile actually travelled. (April 27, 1937)

Judah, Charles B., to give instruction in History, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of five hundred dollars (\$500) for the session. (May 6, 1937)

Milner, Carl Magne, Research Graduate Assistant in Electrical Engineering, in the Engineering Experiment Station, beginning September 1, 1937, and continuing through June 30, 1939, not including July and August, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (April 26, 1937)

Ploeg, Jeannette Elizabeth Vander, to give instruction in Library Science, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of four hundred dollars (\$400) for the session. (April 15, 1937)

Reedy, J. H., to give instruction in Chemistry, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of five hundred seventy dollars eighty-three cents (\$570.83) for the session. (May 7, 1937)

Richter, Irving Bernard, Assistant in Pediatrics, in the College of Medicine, for four months beginning May 1, 1937, without salary. (April 22, 1937)

Carroll, Thelma, Dispensary Nurse in the Medical Dispensary, in the College of Medicine, for four months beginning May 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred forty-two dollars forty-one cents (\$142.41) a month. (May 10, 1937)

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Baumgardner, Alleyne, Reference Assistant in the Reference Department of the Library—resignation effective June 10, 1937.

Bell, James H., Scholar in Mathematics—declination effective September 1, 1937.

Berrettoni, Julio N., Scholar in Economics—declination effective September 1, 1937.

Betty, B. B., Special Research Assistant in Engineering Materials, in the Engineering Experiment Station—resignation effective June 1, 1937.

Bower, John R., Jr., Scholar in Chemistry—declination effective September 1, 1937.

Dahlke, Helmut O., Fellow in Sociology—declination effective September 1, 1937.

Daniels, Almon E., Scholar in Mathematics—declination effective September 1, 1937.

Donahue, Mary, Technician in Pathology—resignation effective April 15, 1937.

Field, Beulah P., Scholar in Physics—declination effective September 1, 1937.

Fox, Irving, Scholar in Entomology—declination effective September 1, 1937.

Kane, George J., Fellow in English—declination effective September 1, 1937.

Kimble, Sam A., Scholar in Political Science—declination effective September 1, 1937.

- Krizek, Gustav W., Scholar in Sociology—declination effective September 1, 1937.
Landau, Israel R., Scholar in Chemistry—declination effective September 1, 1937.
Langston, James H., Scholar in Chemistry—declination effective September 1, 1937.
Lenser, William T., Scholar in Chemistry—declination effective September 1, 1937.
McAllister, Josephine S., Scholar in Botany—declination effective September 1, 1937.
McDaniel, Lloyd E., Scholar in Bacteriology—declination effective September 1, 1937.
McSkimin, Herbert J., Scholar in Electrical Engineering—declination effective September 1, 1937.
Nicholes, Henry J., Scholar in Chemistry—declination effective September 1, 1937.
Peterson, Helena V., Technician in the Department of Orthopaedics, in the College of Medicine—resignation effective June 1, 1937.
Phillips, L. W., to give instruction in Physics, on one-half time, in the Summer Session of 1937—declination effective June 21, 1937.
Rice, Mary L., Fellow in History—declination effective September 1, 1937.
Rohrbaugh, Ruth L., Scholar in the Classics—declination effective September 1, 1937.
Ronalds, F. S., to give instruction in History, in the Summer Session of 1937—cancellation effective June 21, 1937.
Scott, Russell A., Associate in Obstetrics and Gynecology, in the College of Medicine—resignation effective April 15, 1937.
Shull, Clifford G., Scholar in Physics—declination effective September 1, 1937.
Smith, G. F., to give instruction in Analytical Chemistry, in the Summer Session of 1937—declination effective June 21, 1937.
Stepp, James M., Scholar in Economics—declination effective September 1, 1937.
Taylor, Theodore W., Fellow in Political Science—declination effective September 1, 1937.
Waldo, Clifford D., Fellow in Political Science—declination effective September 1, 1937.
Welch, Clarence B., Scholar in Civil Engineering—declination effective September 1, 1937.
Whitted, Vera, Research Assistant in the Bureau of Institutional Research—resignation effective May 21, 1937.
Youngblood, John F., Scholar in Physics—declination effective September 1, 1937.
The Board adjourned, to meet if necessary on the call of the President.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 9, 1937



The June meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 a.m. on Wednesday, June 9, 1937.

The following members were present: President Karraker, Mr. Cleary, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. H. B. Johnston, Executive Secretary, and, during part of the day, Professor Lloyd Morey, Comptroller, Dean F. B. Noyes, Director C. S. Havens, and Mr. J. E. Millizen.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of April 14, 1937, with adjourned sessions of April 26 and May 3, 1937, and of May 13, 1937.

On motion of Mr. Cleary, the minutes were approved as printed on pages 231 to 270 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

APPROPRIATION TO DEPARTMENT OF ANIMAL HUSBANDRY

(1) A recommendation that the balance of \$3,023.71 in the unappropriated agricultural income account of the Department of Animal Husbandry be appropriated to the Department for the purchase of purebred Hereford cattle.

On motion of Mr. Mayer, this appropriation was made and the purchase authorized as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION TO CONCERT AND ENTERTAINMENT BOARD

(2) Because of the structural defects discovered in the University Auditorium this spring, the University Concert and Entertainment Board was obliged to rent the Virginia Theatre in Champaign for the presentation of the last attraction of the season—the Trudi Schoop Ballet. The net added cost of this arrangement was \$759.80. The Concert and Entertainment Board asks the University for some reimbursement and suggests that a reasonable settlement would be one-half of this net cost, or \$380.

I recommend that an assignment of \$380 be made from the General Reserve Fund to the University Concert and Entertainment Board as a partial offset of this loss.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION TO BUREAU OF INSTITUTIONAL RESEARCH

(3) A request from the Director of the Bureau of Institutional Research for a special appropriation of \$500 for the purchase of a calculating machine as a replacement for an old one which is no longer usable.

On motion of Mr. Moschel, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

ADJUSTMENT IN ATHLETIC ASSOCIATION BUDGET

(4) A report that the Board of Directors of the Athletic Association on April 26, 1937, made the following assignments from the Association's reserve fund which represent additions to the budget for the current year:

Wrestling Championship trophies.....	\$ 50
Travel (for Richard Brunton to New York in July, 1936, to participate in the Olympic Finals).....	160

On motion of Mr. Pogue, these adjustments were approved.

LEAVES OF ABSENCE

(5) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Ruth Northcott, Junior Clerk in the Dispensary, three months' sick leave without pay from May 24, 1937, in addition to the usual sick leave and vacation allowances with pay to which she is entitled under the University statutes.

2. Alexander Edgar, University Beef Cattle Herdsman, additional vacation allowance of four weeks with pay (a total of six weeks with pay) so that he

may go abroad this summer and visit a number of Shorthorn and Aberdeen Angus herds in Scotland in the interests of the Department.

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

LEAVE OF ABSENCE FOR PROFESSOR P. G. KRUGER

(6) A request from Associate Professor P. G. Kruger, of the Department of Physics, that his sabbatical leave of absence on one-half pay for the year 1937-1938 be cancelled. He had planned to spend the year at the University of California in Professor E. O. Lawrence's Radiation Laboratory, but has recently learned that the construction of certain equipment for that laboratory which he had planned to use has been delayed, and this would limit his activities.

Professor Kruger expects to submit another application for leave of absence later.

On motion of Mr. Pogue, this leave was cancelled as recommended.

LEAVE OF ABSENCE FOR PROFESSOR F. P. SHEPARD

(7) Associate Professor F. P. Shepard, of the Department of Geology and Geography, has been given a leave of absence on one-half pay during the second semester of 1937-1938. He has requested an extension of this leave to include the first semester without pay, so that he may have more time for the scientific work he is planning to do, which includes investigations of submarine canyons and other oceanographic studies in the Pacific Ocean. He has received a grant of \$10,000 from the Geological Society of America to aid in his researches.

I recommend approval.

On motion of Mr. Mayer, this leave was extended as recommended.

RESIGNATION OF PROFESSOR CHARLES L. ALLEN

(8) Associate Professor Charles L. Allen, of the School of Journalism, has accepted an offer from Rutgers University as Professor of Journalism and Head of the Department and Executive Secretary of the New Jersey Press Association, effective September, 1937. Professor Allen has been on sabbatical leave of absence on one-half pay during the current university year and he requests release from the obligation, as provided in the University Statutes, that a member of the faculty to whom a leave has been granted shall agree to return to the University on the expiration of his leave and to remain in service for at least one year thereafter. To offset this and in part discharge the obligation imposed on him by his leave, he will return to the University at his own expense during the year 1937-1938 to deliver three lectures during each semester and to hold conferences with students and members of the faculty. Professor Allen will also return for the 1937 Summer Session.

The Director of the School of Journalism recommends that he be released under these conditions, and I concur in this recommendation.

On motion of Mr. Cleary, this resignation was accepted as recommended.

LEAVE OF ABSENCE FOR ALBERT JORGENSEN

(9) A recommendation that Albert Jorgensen, Associate in General Engineering Drawing, be given a leave of absence from September 1, 1937, to July 1, 1938, with full pay, and that an exchange of instructors with Purdue University be authorized whereby Mr. Jorgensen will teach at Purdue and Mr. J. N. Arnold, Assistant Professor of Practical Mechanics of Purdue University, will teach at the University of Illinois. Each institution will pay the full salary of its appointee and no other financial obligation will be incumbent upon either institution.

I recommend that the exchange proposed by the College of Engineering be approved as a special case and that Mr. Jorgensen be given leave of absence with full pay from September 1, 1937, to July 1, 1938, to effectuate this plan.

On motion of Mr. Cleary, this exchange was approved and leave was granted as recommended.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(10) A recommendation from the Committee on Accountancy that Mr. Walter M. LeClear, of Chicago, be appointed a member of the Board of Examiners in Accountancy for three years beginning July 1, 1937, vice Mr. Homer Miller, whose term will expire on June 30, 1937.

On motion of Mrs. Plumb, this appointment was made as recommended.

AUTHORITY TO CONFER DEGREES

(11) A request for authority to confer degrees in June and in August on candidates who will be duly qualified for such as recommended by the University Senate at its meeting on June 7, 1937.

On motion of Mr. Mayer, this authority was granted.

CHANGE IN REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF LAW

(12) A recommendation from the University Senate that after June 1, 1939, the following applicants only will be admitted to the College of Law as candidates for degrees in law.

1. Graduates of the University of Illinois and of other colleges and universities of approved standing who have achieved a weighted grade average of at least 3.0 in all work submitted for their degrees.

2. Students of senior standing in the University of Illinois and in other approved colleges and universities who have achieved a weighted grade average of at least 3.25.

Explanatory note: The grades given in courses at the University of Illinois are indicated by the letters A, B, C, D, and E. These respectively represent the quality of the students' work as Excellent, Good, Fair, Poor, and Failing. For the purpose of computing the weighted grade average of a student, a system is employed in which the following values are assigned to the grades received: A equals 5; B equals 4; C equals 3; D equals 2; E equals 1. When a student offers for admission work done at another college or university, the equivalency of his weighted grade average is determined by the University of Illinois.

On motion of Mr. Cleary, this requirement was adopted.

CHANGE IN REQUIREMENTS FOR GRADUATION IN THE SCHOOL OF PHYSICAL EDUCATION

(13) The University Senate recommends the following changes in the requirements for graduation in the curriculum in Physical Education for Men, subject to further review when the budget for 1937-1939 has been approved and it can be determined whether the increased cost which this involves can be absorbed:

MAJOR REQUIREMENTS		Hours
General Courses, ¹ as prescribed, including Military Science....		27
Foundation Science Courses, as prescribed.....		18
Education Courses, as prescribed.....		15
Professional Courses (Activity and Theory), minimum of.....		40
<i>Total of Required Courses.....</i>		<u>100</u>
Electives.....		30
<i>Total Required for Graduation.....</i>		<u>130</u>

MINOR REQUIREMENTS

Professional Courses (Activity and Theory),² minimum of..... 24

INSPECTION TRIP

It is proposed to require the members of the junior class to take an inspection trip. This trip will be a maximum of four days in duration and will cost each student a maximum of \$25.00. The party will travel to Chicago, St. Louis, or some other large community, where they will inspect elementary school, high

¹Students may be exempted from one of these courses if approved by the Director.

²All courses taken must be approved by the Director.

school, and college physical education plants, playgrounds, recreational centers, beaches, athletic clubs, etc. Arrangements for observing programs in operation and for attending lectures by prominent authorities will be made. Each student will be asked to write a report on the trip. A grade will be given. No credit will be given.

COURSES LISTED BY TYPE

*Non-Professional Courses**Hours*

GENERAL COURSES

Rhet. 1	Rhetoric and Composition	3
Rhet. 2	Rhetoric and Composition	3
Mil. Sci.	4 semesters (Theory and Practice)	4
Sociol. 1	Principles of Sociology	3
Pol. Sci. 1a	American Government	3
Greek 15	Greek and Roman Sports	2
Econ. 2	Elements of Economics	3
Journ. 7	Sports Publicity	3
Speech 1	Principles of Effective Speaking	3

FOUNDATION SCIENCE COURSES

27

Physiol. 3a	Physiological Anatomy	5
Physiol. 3b	Physiological Anatomy	5
Hygiene 5	Elementary Hygiene and Sanitation	2
Hygiene 10	Advanced Hygiene	2
Psych. 1	Introduction to Psychology	4

EDUCATION COURSES

18

Ed. 6	Principles of Secondary Education	3
Ed. 10	Technic of Teaching	3
Ed. 25	Educational Psychology	3
Ed. Pr. 1	P.E. for Men	3
Ed. Pr. 2	P.E. for Men	3

Professional Courses

ACTIVITY COURSES

15

P.E.M. 1	Basketball	2
P.E.M. 2	Individual Tumbling and Formal Activities	2
P.E.M. 14	Dancing and Group Sports	2
P.E.M. 4	Football	2
P.E.M. 6	Boxing and Wrestling	2
P.E.M. 8	Baseball	2
P.E.M. 10	Apparatus and Double Tumbling Stunts	2
P.E.M. 11	Swimming (Prerequisite: Ability to swim 100 yards)	2
P.E.M. 12	Track and Field	2
P.E.M. 17	Adult Sports (Tennis, Archery, Golf)	2
P.E.M. 15	Recreational Sports (Soccer, Handball, etc.)	2
P.E.M. 5	Prescribed Sports (Casting, Horseshoes, etc.)	2

THEORY COURSES

24

P.E.M. 0	Introduction to Sports	2
P.E.M. 18	The Curriculum in Sports	3
P.E.M. 7	Training and First Aid	2
P.E.M. 13	The Program in Extracurricular Sports	3
P.E.M. 3a	Theory of Sports (1st semester)	2
P.E.M. 3b	Theory of Sports (2nd semester)	2
P.E.M. 9	The School Program in Health	3
P.E.M. 19	Recreation	3
P.E.M. 16	The History of Sport	2
P.E.M. 70	Inspection Trip	0

22

SUMMARY

	<i>Hours</i>
General Courses*.....	27
Foundation Science Courses.....	18
Education Courses.....	15
Total Non-Professional Courses*.....	60
Professional Activity Courses*.....	24
Professional Theory Courses*.....	22
Total Professional Courses*.....	46
Total All Courses*.....	106

COURSES LISTED BY SEMESTER

FIRST YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
<i>Group A¹</i>		<i>Group A¹</i>	
P.E.M. 4—Football.....	2	P.E.M. 4—Football.....	2
P.E.M. 1—Basketball.....	2	P.E.M. 1—Basketball.....	2
<i>or</i>		<i>or</i>	
<i>Group B¹</i>		<i>Group B¹</i>	
P.E.M. 2—Individual Tumbling and Formal Activities.....	2	P.E.M. 2—Individual Tumbling and Formal Activities.....	2
P.E.M. 10—Apparatus and Double Tumbling Stunts....	2	P.E.M. 10—Apparatus and Double Tumbling Stunts....	2
P.E.M. 0—Introduction to Sports	2	Physiol. 3b—Physiological Anatomy	5
Physiol. 3a—Physiological Anatomy	5	Rhet. 2—Rhetoric and Composi- tion.....	3
Rhet. 1—Rhetoric and Composi- tion.....	3	Mil.Sci.—Theory ($\frac{1}{2}$) Practice ($\frac{1}{2}$).....	1
Mil.Sci.—Theory ($\frac{1}{2}$) Practice ($\frac{1}{2}$).....	1	Hygiene 10—Advanced Hygiene..	2
Hygiene 5—Elementary Hygiene and Sanitation.....	2	Greek 15—Greek and Roman Sports.....	2
<i>Total.....</i>	<i>17</i>	<i>Total.....</i>	<i>17</i>

SECOND YEAR

<i>Group A¹</i>		<i>Group A¹</i>	
P.E.M. 12—Track and Field....	2	P.E.M. 12—Track and Field....	2
P.E.M. 6—Boxing and Wrestling	2	P.E.M. 6—Boxing and Wrestling	2
<i>or</i>		<i>or</i>	
<i>Group B¹</i>		<i>Group B¹</i>	
P.E.M. 14—Dancing and Group Sports.....	2	P.E.M. 14—Dancing and Group Sports.....	2
P.E.M. 11—Swimming (prerequi- site: ability to swim 100 yds.)	2	P.E.M. 11—Swimming (prerequi- site: ability to swim 100 yds.)	2
Psych. 1—Introduction to Psychology.....	4	Econ. 2—Elements of Economics	3
Journ. 7—Sports Publicity.....	3	Speech 1—Principles of Effective Speaking.....	3
Mil.Sci.—Theory ($\frac{1}{2}$) Practice ($\frac{1}{2}$).....	1	Mil.Sci.—Theory ($\frac{1}{2}$) Practice ($\frac{1}{2}$).....	1
Pol. Sci. 1a—American Govern- ment.....	3	Electives.....	6
Electives.....	3		
<i>Total.....</i>	<i>18</i>	<i>Total.....</i>	<i>17</i>

*Not all required. See preceding page.

¹Students who take Group A first semester must take Group B second semester. Students who take Group B first semester must take Group A second semester.

THIRD YEAR					
	First Semester	Hours		Second Semester	Hours
<i>Group A¹</i>			<i>Group A¹</i>		
P.E.M. 8—Baseball.....		2	P.E.M. 8—Baseball.....		2
P.E.M. 5—Prescribed Sports...		2	P.E.M. 5—Prescribed Sports...		2
P.E.M. 9—School Program in Health.....		3	P.E.M. 9—School Program in Health.....		3
or			or		
<i>Group B¹</i>			<i>Group B¹</i>		
P.E.M. 17—Adult Sports.....		2	P.E.M. 17—Adult Sports.....		2
P.E.M. 15—Recreational Sports		2	P.E.M. 15—Recreational Sports		2
P.E.M. 19—Recreation.....		3	P.E.M. 19—Recreation.....		3
Sociol. 1—Principles of Sociology..		3	P.E.M. 70—Inspection Trip.....		0
Ed. 25—Educational Psychology..		3	Ed. 6—Principles of Secondary Education.....		3
Electives.....		3	Electives.....		6
<i>Total.....</i>		<i>16</i>	<i>Total.....</i>		<i>16</i>

FOURTH YEAR					
<i>Group A¹</i>			<i>Group A¹</i>		
P.E.M. 7—Training and First Aid.....		2	P.E.M. 7—Training and First Aid.....		2
P.E.M. 13—Program in Extracurricular Sports.....		3	P.E.M. 13—Program in Extracurricular Sports.....		3
or			or		
<i>Group B¹</i>			<i>Group B¹</i>		
P.E.M. 16—History of Sport....		2	P.E.M. 16—History of Sport....		2
P.E.M. 18—Curriculum in Sports		3	P.E.M. 18—Curriculum in Sports.....		3
P.E.M. 3a—Theory of Sports.....		2	P.E.M. 3b—Theory of Sports....		2
Ed. 10—Technic of Teaching.....		3	Ed. Pr. 2—P.E. for Men.....		3
Ed. Pr. 1—P.E. for Men.....		3	Electives.....		6
Electives.....		3			
<i>Total.....</i>		<i>16</i>	<i>Total.....</i>		<i>16</i>

On motion of Mrs. Plumb, these changes were approved as recommended, subject to budgetary considerations.

CHANGES IN CURRICULA IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(14) A recommendation from the University Senate that the following changes in the organization of the curricula of the College of Commerce and Business Administration be authorized, but subject to further review when the budget for 1937-1939 has been approved and it can be determined whether the increased cost which this involves can be absorbed:

SUMMARY

1. A distinction is drawn between the work of the first two years and that of the last two.
2. The work of the first two years (lower division) is organized into a single, prescribed program for all freshmen and sophomores.
3. The work of the last two years (upper division) is organized into "Fields of Concentration" rather than into curricula of prescribed subjects and group electives.
4. In place of having no definite standards for advancement from the sophomore year to the junior year, certain specific requirements are interposed

¹Students who take Group A first semester must take Group B second semester. Students who take Group B first semester must take Group A second semester.

for admission to the upper division. (At least 60 hours of prescribed courses taken in the lower division and a scholastic record of not more than 15 hours below "C").

5. The requirements for the bachelor's degree in commerce are changed so that the "quality test" shall be "C-average" for the work taken in the upper division.

6. The probation rules of the college are changed so they will be in harmony with the distinctions which are being made between students in the lower division and those in the upper division.

DETAILS OF THE CURRICULA

FRESHMAN AND SOPHOMORE YEARS

(Lower Division)

The work of the first two years is organized into a single "Program for the Lower Division" consisting of specifically prescribed courses and restricted group electives. The program of study is arranged primarily to prepare students to enter a Field of Concentration in the upper division; but for those who can stay in college only for two years, it will afford a well-balanced combination of general education and business education.

A student may be registered conditionally¹ in a Field of Concentration in the junior year of the upper division if (1) he has completed fewer than 60 hours, but including all of the required courses or their equivalent as stated in the "Program for the Lower Division," or (2) if more than 15 of the credit hours offered to secure registration in a Field have a grade below "C."

Program for the Lower Division

Registration must not be for less than 15 or for more than 18 credit hours in one semester.

FIRST YEAR					
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
Econ. 22.....		3	Econ. 27.....		3
Accy. 1a.....		3	Accy. 1b.....		3
Rhet. 1.....		3	Rhet. 2.....		3
Math. or Science ²		5	Science or Math. ²		5
Mil. and P.E.....		1½	Mil. and P.E.....		1½
Electives.....		2¼	Hygiene.....		2
<i>Total</i>		18	<i>Total</i>		17½
SECOND YEAR					
Econ. 1.....		5	Accy. 2b.....		3
Accy. 2a.....		3	Statistics 70.....		3
Language ³ or Literature.....		4	Language ³ or Literature.....		4
Rhet. 10 or Speech ⁴		2-3	Speech or Rhet. 10 ⁴		2-3
Mil. and P.E.....		1½	Mil. and P.E.....		1½
Electives.....		2¼-1½	Electives.....		4½-3½
<i>Total</i>		18	<i>Total</i>		18
Total for two years—61-63 hours.					

¹A student who has substantially met the requirements may be admitted to a Field of Concentration in the Upper Division on condition that he remove promptly his deficiencies.

²*Mathematics-Science*.—All first-year students must elect Math. 2 or 3. In addition to the prescribed course in College Algebra they must elect sufficient additional courses in mathematics or science to amount to 5 hours each semester or a total of 10 hours for the year. These courses may be taken from the following subjects: astronomy, bacteriology, botany, chemistry, geography, geology, mathematics, physics, physiology, zoology. A student who enters without at least one unit of laboratory science must include 5 hours of a laboratory science in the Mathematics-Science requirement.

³*Industrial Administration*.—No recommendation is being made at the present time on this Field of Concentration.

⁴*Language*.—Students must obtain credit in at least 8 hours of English Literature, or obtain a reading knowledge of a modern foreign language (French, German, Italian, Spanish) equivalent to that resulting from four semesters of study of a foreign language when com-

JUNIOR AND SENIOR YEARS (Upper Division)

The work of the last two years is organized into nine Fields of Concentration: Accountancy, Banking and Finance, Commerce and Law, Commercial Teaching, Economics, Industrial Administration, Marketing, Management, and Public Affairs. In the Field of Concentration the courses are grouped around the subject of the student's major interest. The programs of study should not be considered as specifically designed for vocational training, but rather as different avenues of approach to a life-time of living and working in the midst of a business civilization.

To be graduated with the bachelor of science degree, a student must have completed (1) the requirements of one of these Fields, (2) a total of 130 credit hours (including the prescribed Military and Physical Education) of which not less than 60 credit hours must be in courses given in the College of Commerce (except that in the Field of Commerce and Law this shall be 45 hours), and (3) must have an average grade of not less than "C" in the courses taken at the University of Illinois while registered in a Field of Concentration.

Fields of Concentration in the Upper Division

ACCOUNTANCY: for those preparing to follow industrial or public accounting.

Primary List (At least 43 hours including not less than 18 hours in accountancy and including the courses shown in italics must be selected from the following): Accountancy *3a, 3b, 4a, 4b, 5a, 5b, 13, 20, 30*; Economics *3, 10, 11, 36, 72*; Bus. Law *1a, 1b, 10*; Rhetoric *22*; B.O.O. *1, 2*.

Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

BANKING AND FINANCE: for those preparing to enter banking or finance.

Primary List (At least 21 hours including the courses shown in italics must be selected from the following): Econ. *3, 10, 11, 72*; Bus. Law *1a, 1b, 10*; Accy. *4b, 30*; B.O.O. *1, 2*.

Secondary List (Fifteen hours of electives must be chosen from history, philosophy, political science, psychology, sociology.)

Technical List (At least 15 hours must be selected from courses in either or both of the following two groups):

(A) For Banking—Econ. *4, 5, 6, 8, 9*; Math. *23*; Agr. Econ. *15*.

(B) For Finance—Econ. *6, 36, 51, 55, 81, 92*; Accy. *3a*; Math. *23*.

COMMERCE AND LAW: for those who wish to combine commercial and legal studies and obtain both the degree of Bachelor of Science and the degree of Bachelor of Laws in six years (see also requirements for graduation from the College of Law). In their fourth year, students who have received credit in at least 100 credit hours of pre-legal work will be regularly registered in the College of Law, but must file copies of their study-lists in the office of the Dean of the College of Commerce and Business Administration at the beginning of each semester.

Primary List (A sufficient number of hours must be selected from the following courses to make a total of at least 45 hours in Commerce for the three years of work): Econ. *3, 10, 25, 51, 65, 92, 42, 44, 61*; Accountancy *3a, 13, 20*; B.O.O. *1, 2, 20*.

Secondary List (Twelve hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

mented in college. For the purpose of this requirement a candidate is assumed to have a reading knowledge of a modern foreign language if he has passed French 2b or a more advanced course, German 5 or 6 or a more advanced course, Italian 2b or a more advanced course, or Spanish 2b or a more advanced course, or if he has passed a proficiency examination equivalent to the final examination given in any of these courses.

Students expecting later to elect *Government Foreign Service* as a Field of Concentration (See Public Affairs, on page 280) or *Foreign Trade* as a Field of Concentration (see Marketing, on page 280) must choose the foreign language option.

⁴*Rhetoric or Speech*.—Students taking Rhetoric 10 the first semester must take Speech 1 the second semester; those taking Speech 1 the first semester must take Rhetoric 10 the second semester.

Technical List (30 hours of freshman law required in the senior year in the College of Commerce): First Semester—Law 1a, 2a, 3, 4, 5; Second Semester—Law 1b, 2b, 10, 11, 12.

COMMERCIAL TEACHING: for those who are preparing to teach commercial subjects in the secondary schools.

Primary List (At least 18 hours including the courses shown in italics must be selected from the following): Econ. 3, 5*1*, 6*1*, 65; B.O.O. 1, 2, 7, 8; Bus. Law 1a, 1b; Accountancy 4a, 4b, 30.

Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

Psychology 1 is a prerequisite for courses in Education.

Technical List (At least 15 hours including the courses shown in italics must be selected from the following): Education 6, 10, 25, 5, 30; B.O.O. 12, 13. The two latter courses carry no University credit.

Note: See the general catalogue regarding requirements for a teaching certificate in the State of Illinois.

ECONOMICS: for those who desire a broad undergraduate preparation in economics. Students who contemplate taking graduate work in economics should elect this field of concentration.

Primary List (36 hours must be selected in not less than four of the following subdivisions, including the courses in italics in the subdivisions elected): Economic Theory and History—Econ. 3, 19, 20, 24, 25, 44, 61, 65; Finance and Banking—Econ. 3, 4, 5, 6, 8, 9, 10, 11, 36; B.O.O. 2; Utilities and Transportation—Econ. 81, 82, 83, 92, 94, 95, 96; Insurance and Statistics—Econ. 55, 56, 72; Foreign Trade—Econ. 29, 30, 31; B.O.O. 2; Labor—Econ. 41, 42, 43; B.O.O. 1; Public Finance—Econ. 3, 51, 52.

Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

MANAGEMENT: for those who desire a broad undergraduate preparation in management.

Primary List (At least 34 hours including the courses shown in italics must be selected from the following): Accy. 4a, 4b, 30; B.O.O. 1, 2, 3, 4, 7, 8, 14, 15, 20, 24; Econ. 3, 10, 11, 30, 31, 41, 43, 51, 61, 92, 99; Bus. Law 1a, 1b.

Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

MARKETING: for those who are preparing to enter some branch of distribution.

Primary List (At least 22 hours including the courses shown in italics must be selected from the following): B.O.O. 1, 2, 3, 7, 8, 17, 20; Econ. 3, 10, 30, 43, 92; Bus. Law 1a, 1b.

Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

Technical List (At least 12 hours must be selected from the following, preferably in one or two groups only. No course may be counted as satisfying the requirements in both the Primary and the Technical Lists.)

(A) For Selling and Merchandising—B.O.O. 3, 8, 17, 20, 22, 24; Speech 2.

(B) For Advertising—B.O.O. 8, 18, 22; Rhet. 21, 22; Journalism 12, 25, 26.

(C) For Foreign Trade—Foreign Language; Econ. 8, 24, 29, 30, 31, 94; Political Science 6a.

(D) For Transportation—Econ. 92, 93, 94, 95, 96.

(E) For Agricultural Marketing—Agr. Econ. 14, 30, 34, 36, 37.

PUBLIC AFFAIRS: for those who are preparing to enter some branch of public service.

Primary List (At least 18 hours including the courses shown in italics must be selected from the following): Econ. 3, 10, 29, 41, 51, 52, 65, 81, 92; B.O.O. 2.

Secondary List (Fifteen hours of electives must be chosen from courses in history, philosophy, political science, psychology, sociology.)

Technical List (At least 15 hours must be selected from the courses listed under any one of the following sub-heads; other courses necessary for graduation to be chosen with consent of the adviser to the Field. No courses may be counted as satisfying the requirements in both the Primary and Technical Lists.)

(A) For General Service: Courses must be chosen from economics, accountancy, or B.O.O., to prepare the student for the type of work which he plans to enter, such as trade and civic secretaries, management of public industry, management of a governmental unit, or service in the tax, banking, labor, insurance, or other governmental departments.

(B) For Government Foreign Service: Foreign language; Econ. 8, 6, 24, 31; Pol. Sci. 6a, 6b, 7, 8; B.O.O. 2, 7, 8; History 29, 32b.

(C) For Social Service: Econ. 42, 43, 55; Psych. 1; Pol. Sci. 12, 13; Sociology 1, 2, 3, 4, 8, 9.

On motion of Mr. Cleary, these changes were approved as recommended, subject to budgetary considerations.

CHANGES IN REQUIREMENTS FOR MASTER'S DEGREE IN ORTHODONTIA

(15) The College of Dentistry offers a graduate course, Orthodontia 101, which covers a year's work for students taking the master's degree in Orthodontia. The University Senate recommends that the course be extended a minimum of one-half time for an extra semester in the case of candidates for the master's degree.

On motion of Mr. Cleary, action on this recommendation was deferred pending the receipt of a full report from the College of Dentistry.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(16) Under the authorization of the Board of Trustees on May 27, 1936, the following contract change orders for the second unit of the Medical and Dental College Laboratories Building, as recommended by the Physical Plant Department, have been authorized and are being presented for confirmation by resolution, as required by the State Director of the Federal Emergency Administration of Public Works:

Be it resolved, that the Board of Trustees hereby approves the action of the President of the University in authorizing the following change orders for the second unit of the Medical and Dental College Laboratories Building:

I. General Contract

Change Order No. 33

For furnishing and installing $\frac{3}{16}$ " asphalt tile instead of troweled mastic in Dark Rooms No. 52 and No. 53, and Animal Rooms Nos. 808 and 1108.....No change
For furnishing and installing $\frac{3}{16}$ " asphalt tile instead of linoleum in Photography Rooms No. 51, No. 51-A-B-C, deduct the sum of \$16 20

Change Order No. 34

For furnishing and installing additional marble and hollow tile for counter in Room No. 115, add the sum of..... \$39 13

Change Order No. 36

Clean and wire brush exposed plumbing pipes and paint one prime coat lead and oil paint, add..... \$1 080 00
Size with hard oil all covered piping installed by heating contractor, add..... 480 00

Total Addition..... \$1 560 00

Piping in Mechanical Rooms not included.	
Omit one coat of paint on all exposed piping, deduct..	\$ 469 00
Omit one coat of paint on all covered piping, deduct..	424 00
<i>Total Deduction</i>	\$ 893 00
	\$ 667 00
Plus 5%.....	33 35
	\$ 700 35
Plus 10%.....	70 04
<i>Net Addition</i>	\$ 770 39

II. Plumbing Contract

Change Order No. 18

For furnishing and installing on present roughing-in openings in Dark Room No. 842, one 20 x 20 x 6" deep inside alberene stone sink with 12" high box back and left hand end piece, 1½" chemical lead drain plug with stopper, strainer and tailpiece, 1½" chemical lead P trap, No. 540 C.F. Co. swing spout faucet under-slung type, rim of sink to set 38½" high, add the sum of..... \$81 55

III. Electrical Contract

Change Order No. 12

Additional labor and material required to install twenty-four (24) ceiling outlets on 12th floor ceiling due to substitution of Perfa-tile ceiling for plaster ceiling, add the sum of.....	40 90
Additional labor and material required to install floor box in 14th floor slab to terminate present conduits serving outlets in parti-tion between rooms #1406 and #1408 at column B-7½, due to omission of this partition, add the sum of.....	10 54
Additional labor and material required to move switch outlet in room #1108 and add conduit stub in room #1106, add the sum of	12 54
Additional labor and material required to move exit outlet due to change in door buck in passage to stairs in room #927, add the sum of.....	10 11
Additional material and labor required to install two (2) outlets in soffit at wickets near Column B-5 Room #512, add the sum of..	24 00
<i>Total Addition</i>	\$98 09

Omit three (3) bracket outlets in south and north walls of room #1409, deduct the sum of.....	3 00
<i>Net Addition</i>	\$95 09

On motion of Mrs. Plumb, the resolution was adopted.

AGREEMENT WITH ASSOCIATION OF AMERICAN RAILROADS FOR INVESTIGATION OF CONTINUOUS WELDED RAILS

(17) A recommendation from the Dean of the College of Engineering for the approval of an agreement with the Association of American Railroads for a cooperative investigation of the strength, ductility, and toughness of continuous welded rails by the Engineering Experiment Station.

The agreement is drawn for a period of two years from May 1, 1937, unless previously terminated by the Association on at least three months' notice in advance, and the Association agrees to contribute up to \$20,000 to cover the expenses of the investigation. The agreement conforms to the University Statutes and policies governing such cooperative research projects.

On motion of Mr. Cleary, the execution of this agreement was authorized as recommended.

INVESTIGATION OF SANITARY STANDARDS OF MILK BOTTLE CAPS

(18) The Associated Milk Dealers Incorporated of Chicago have asked the University to undertake the investigation of problems relating to sanitary milk

bottle caps. The proposed enterprise is to consist of: (1) an investigation of present sanitary standards of milk caps in general use in Chicago; (2) preparation of specifications for an "ideal sanitary milk cap."

Such an investigation is important from sanitary and health standpoints not only in Chicago and Illinois but for the entire country. It is estimated that the cost of the investigation would be approximately \$5,400 and would cover the salaries of research assistants and supplies. The funds would be supplied by the Associated Milk Dealers Incorporated, and there would be no expense to the University except for the use of laboratory space and such heat, light, power, and water as might be needed to conduct the investigation. It is the practice of the University to supply such services in accepting funds for cooperative research investigations of this kind.

I request authorization of the acceptance of this grant and the execution of an agreement covering this investigation.

On motion of Mr. Moschel, the execution of this agreement was authorized as recommended.

AGREEMENT WITH MONSANTO CHEMICAL COMPANY FOR INSECTICIDE RESEARCH

(19) The Dean of the College of Agriculture recommends approval of an agreement with the Monsanto Chemical Company for a special industrial investigation to be carried on jointly by the Agricultural Experiment Station and the State Natural History Survey Division of certain insecticides prepared and submitted by that Company.

This agreement is drawn for a period of one year effective when it is executed, and the Company has agreed to contribute \$4,500 for the expenses of the research. The agreement is to replace a similar agreement with the Crop Protection Institute (the funds for which have heretofore been provided by the Monsanto Chemical Company) which expires July 14, 1937.

On motion of Mr. Pogue, the execution of this agreement was authorized.

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(20) A report of the extension of the following agreements for cooperative investigations:

1. American Dry Milk Institute, Incorporated: (a) Study of "The Utilization by Animals of the Calcium of Whole Milk and of Liquid and Dried Skim Milk and Their Values as Sources of Calcium in the Diet in Comparison with Other High Calcium Foods," for one year from July 1, 1937; the Institute has agreed to contribute an additional \$4,200 to cover the expenses of this investigation. (b) Investigation of "The Effect of Milk Solids on the Mineral Metabolism of Children," for one year from July 1, 1937; the Institute has agreed to contribute an additional \$3,300 for the expenses of this investigation.

2. Associated Seed Growers, Incorporated, the Sioux City Seed Company, and the Vaughan Seed Store, Incorporated, agreements covering the release, production, and distribution of seeds of varieties of tomatoes and lima beans developed by the Agricultural Experiment Station, for two years from January 1, 1937.

On motion of Mr. Moschel, the extension of these agreements was approved.

SERVICE CHARGE FOR DEFERRED FEES

(21) On March 29, 1937, the Board reduced the service charge for deferred fees providing for a minimum of \$1 in every case and a maximum charge of \$3. In recommending this change the Comptroller recommended that the minimum charge of \$1 be not refunded in any case, but the action of the Board did not specifically contain this provision. I recommend that the action of the Board of March 29 be modified to provide that the minimum charge of \$1 for deferred fees be not refundable.

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

SCHOOL OF JOURNALISM

(22) The Illinois Press Association at a meeting held on May 15, 1937, adopted the following resolution:

RESOLVED: That the Illinois Press Association, in convention assembled in the Sherman Hotel, Chicago, Illinois, May 15th, 1937, does hereby request the Board of Trustees of the University of Illinois to immediately change the name of "The School of Journalism" to "The College of Journalism," thereby complying with the requirements of House Bill number 285, approved by the Illinois Legislature June 17, 1927, and duly signed by the then Governor of the State; that our request for this formal change in the name of the Journalism course is based on our desire to have the teaching of Journalism placed on an equal basis with Law and Medicine as was clearly intended by the wording and intent of said law as sponsored by the Illinois Press Association.

This same question has been raised by the Director of the School of Journalism, but no action has been taken by the Board. The University Counsel has secured from the Attorney-General the following opinion covering the interpretation of the statute:

June 1, 1937

Hon. Sveinbjorn Johnson, Legal Counsel
University of Illinois, Urbana, Illinois

DEAR SIR:

I have your letter of recent date, in which you call my attention to the title to "An Act establishing a college of journalism at the University of Illinois, and making an appropriation therefor." You also quote the first two sections of this act, which use the words "college of Journalism," and say the question has been raised, whether, in view of this act, the board of trustees is justified in calling the "institution established" a "school of journalism" rather than a "college of journalism."

You also call my attention to certain minutes of the board of trustees which refer to this department as a "school" rather than as a "college," and ask, "in what sense did the legislature use the word 'college,' which appears three times in the bill,—once in the title and once in each of its two sections?"

In this connection I call your attention to the fact that the words "college of journalism" appear not only in the title and the two sections of the act to which you refer, but also in the third section of that bill, as originally enacted (Laws of Illinois, 1927, page 184), which appropriates \$30,000 for the biennium (July 1st, 1927, to June 30th, 1929), for the purpose of establishing "such college."

There are many definitions of "school" and "college." A "school" may mean (1) "any place of learning"; (2) "a place for instruction in any branch or branches of knowledge"; (3) "the institution or the collective body of teachers and learners in such a place"; or (4) "a faculty or institution for specialized higher education, usually within a university, as a medical or law school, a school of education."

"In the case of a university with but a single (or a single surviving) college, the terms 'college' and 'university' become practically synonymous. . . . Finally, 'college' is applied to an institution of higher learning affiliated with a university. In the United States, the *college* is primarily an institution of higher learning, receiving approved graduates of preparatory schools and offering instruction in arts, letters and science, leading to the Bachelor's degree; there is, however, no clear line of demarcation, as institutions have retained the name *college* while extending their instruction to university scope. In the universities, the name *college* is usually given to the division of the institution which provides instruction in the liberal arts and sciences, leading to a Bachelor's degree; in some universities, the various divisions, including graduate and professional schools, are named *colleges*." (Webster's New International Dictionary, 2nd ed.)

In other words, in one sense a "school" may be an institution, teaching any branch or grade of learning, that is, elementary high school, academy, college or university, while a "college" is limited to those schools which offer higher

learning, receiving graduates of preparatory schools who have completed high school or more advanced work, only.

In another sense, a "school" or "college" means a division of a university, which offers a specialized higher education as a school of medicine, law or education, or a college of medicine, law or education, and for all practical purposes when used in this sense, the terms are synonymous.

While a "college" which is a division of a university, usually (although not necessarily) has a dean and grants a particular degree, it may or may not have separate buildings and courses; a "school," which is such a division, may or may not have all of these.

As I see it, either a "school" or a "college" may be, and many times is, except in the professional or graduate schools, merely a branch of a larger division under a dean of that larger division (although ordinarily in either case there is a separate dean.)

Depending upon the university, and its finances, either may or may not have separate buildings and very often the courses offered intermingle with or are a part of the general courses offered in the "school of liberal arts."

I am not familiar with the particular or local use of these terms on your campus, and reading merely the title to the act, it is broad enough to cover either situation. However, a statute is construed as a whole (*People v. The W. S. T. & S. Bank*, 362 Ill. 607) and in the light of existing circumstances, contemporaneous conditions, what object the legislature sought to attain, the necessity of the act and the language used therein. (*First Nat'l. Bank v. Wedron Silica Co.*, 351 Ill. 560, at 571; see also *Sycamore Works v. C. & N. W. Ry. Co.*, 366 Ill. 11, at 15.)

If the title is broader than the act itself, it is limited by the act. I am advised that prior to 1927, no courses were offered by the University in journalism, and your letter states that the trustees had, during 1926, been urged to establish a "school" or "college" of journalism. In doing so, the legislature called it a "college of journalism" and in the first section of the act "authorized and directed" its establishment at the University. As you say, the authorization added nothing which could not have been done by the University under its general powers. However, when the legislature "directed" this department to be established, it then became mandatory upon the University to do so.

Section 2 directs that a course of instruction be offered which will best serve to train and equip persons for that profession. However, section 3, which appropriates \$30,000 for the biennium (\$15,000 a year) seems to be especially enlightening.

Certainly with that sum of money, separate buildings could not be erected, and a dean and instructors for an entire four year course could hardly be employed for that small sum nor could many new volumes be added to a library.

Of course, some instructors and perhaps a dean could be employed and a particular degree in journalism, if desired, be offered, but from the small amount appropriated, it is my notion the legislature evidently intended to direct the University to offer courses to students who had completed their preparatory work (high school or its equivalent) to best fit those students who wished to make journalism their profession, for that work, and grant a special degree. In such case, I see no reason why the same courses offered in the "school" or "college" of liberal arts might not be offered as a part of the course in journalism for one or more years, so long as these courses furnish the student an opportunity to best train and equip him for service in the profession of journalism. Of course, some special courses must be given, but in the main, it seems to me those offered in the "school" or "college" of liberal arts will serve as at least preparatory courses to the later special instruction.

From a reading of the entire act, it seems to me to make little difference whether this department of the University is called a "school" or a "college," however, since the legislature has used the word "college," I should call the department by that name.

Very truly yours,

OTTO KERNER
Attorney General

On motion of Mr. Moschel, this matter was referred to the Committee on General Policy for investigation and report at a subsequent meeting.

BIDS FOR EQUIPMENT FOR NEW MEDICAL BUILDING

(23) The following report of the Comptroller and the Director of the Physical Plant Department on the bids for equipment for the second unit of the new Medical and Dental College Laboratories Building.

June 9, 1937

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

In accordance with your instructions, we have studied the problem of equipment for the Second Unit of the Medical and Dental Building and submit this report and recommendations.

We have proceeded in accordance with the following principles which were stated by you in your letter of May 29 to Deans Davis and Noyes and in further conversation with us:

(1) The College of Dentistry is to be moved from its present old building into the new unit and the operation of the old building suspended.

(2) In moving the College of Dentistry an effort has been made to provide the absolute minimum of equipment to enable it to operate in the new building and to make possible the closing of the old building.

(3) Some relief has been provided for the College of Medicine.

(4) In the purchase of fixed equipment only that amount of such equipment has been retained to enable us to make use of bids received on the original schedule. (Failure to follow this principle would have made it impossible to make use of bids already received and would have necessitated calling for new bids and further delay incident thereto as well as increased cost.)

In accordance with the foregoing principles and in conferences with the deans and in certain cases the departments concerned, we submit the attached summary schedule showing: (a) Original estimates of equipment needed. (b) Bids received on reduced schedules of equipment. (c) Proposed allotments of the available appropriation of \$350,000.

Dentistry.—In the case of Dentistry the reductions have been carried out along the following lines:

(1) By reducing the number of special cabinet units from 84 to 80.

(2) The proposed reduction in fixed laboratory equipment contemplates: (a) Omission of vacuum breakers, performance bond. (b) Omission of the purchase and installation of all of the equipment in certain rooms, the purchase of certain equipment but omission of its installation in other rooms, and the reduction of equipment in certain rooms.

The above reductions have been carried out through conferences with the dean and heads of departments.

(3) Reduction in the total for movable equipment to come within the aggregate of available funds.

Medicine.—In the case of the College of Medicine, the amount available for this division, after taking care of Dentistry along minimum lines, is only \$81,583 out of an original request of \$204,163 and out of bids amounting to \$197,255. This means the complete elimination of equipment for the Department of Radiology and substantial reductions in the requests of all other departments in the College. It should be pointed out that the urgent needs in the College of Medicine were for new quarters and facilities for Hospital Laboratory, Department of Bacteriology and Public Health, and the Department of Pathology, the total estimates of which alone were \$127,292.

General.—Allowance must be made for certain general expenses including architectural fees, moving of departments into the new building, and certain general building equipment not covered by previous contracts. The sum of \$25,318 is reserved for this purpose, including a small margin for contingencies. Any amount not required for these purposes will be added to the College allotments.

In accordance with the above recommendation as to allotment of funds, we recommend the award of the following contracts:

- (1) General Fireproofing Company.....\$69 893 96
For steel laboratory equipment for Dentistry only. (For the purchase and installation of certain equipment and the purchase only of the balance.)
- (2) Kewaunee Manufacturing Co..... 84 788 88
For the purchase and installation of certain equipment and the purchase only of the balance. Wood laboratory equipment for the College of Dentistry and College of Medicine.
- (3) Ritter Dental Manufacturing Co..... 64 250 00
For purchase and installation of 80 special cabinet units.
- (4) S. S. White Dental Manufacturing Co..... 7 133 11
36 dental chairs.
- (5) Ritter Dental Manufacturing Co..... 10 646 69
6 bench lathes
5 dental engines
31 standard units
- (6) S. S. White Dental Manufacturing Co..... 1 245 26
6 dental furnaces
1 dentocal outfit

All of the above recommendations are based on awards to the low bidders, with the exception of the item of the dental chairs. In the case of this item the Dean of the College of Dentistry has recommended that the contract be awarded to S. S. White Dental Manufacturing Co. at a cost of \$587.11 more than the low bid. If the award is made to the White Manufacturing Co., the allotment for other movable equipment in the College of Dentistry must be reduced by this sum.

We further recommend that the proposed allotments of the State appropriation of \$350,000 as shown in the attached schedule be approved by the Board so that the purchase of other items of movable equipment may go forward in accordance with our regular procedure.

Cordially yours,

C. S. HAVENS

Director of Physical Plant Department

LLOYD MOREY

Comptroller

SUMMARY OF ESTIMATES AND BIDS ON EQUIPMENT FOR MEDICAL AND
DENTAL COLLEGE LABORATORIES—SECOND UNIT

	<i>Original estimates</i>	<i>Bids received on reduced schedules</i>	<i>Proposed allotments of appro- priation</i>
<i>Dentistry</i>			
Dental cabinet units.....	\$295 631	\$ 67 308	\$ 64 250
Chairs, lathes and engines.....		17 920	17 193 ¹
Movable equipment.....		67 052	60 557 ²
Fixed laboratory equipment.....	89 500	160 794	101 099
<i>Total</i>	<u>\$385 131</u>	<u>\$313 074</u>	<u>\$243 099</u>
<i>Medicine</i>			
Movable equipment.....	143 048	74 775	28 000
Fixed laboratory equipment.....	61 115	122 480	53 583
<i>Total</i>	<u>\$204 163</u>	<u>\$197 255</u>	<u>\$ 81 583</u>
<i>General and Contingent</i>	79 212	24 400	25 318
<i>Grand Total</i>	<u>\$668 506</u>	<u>\$534 729</u>	<u>\$350 000</u>

Mr. Morey presented this report and commented on it in detail.

¹Increased to \$17,780 by action of Board.

²Decreased to \$59,970 by action of Board.

On motion of Mrs. Plumb, the State appropriation of \$350,000 for equipment for the new Medical and Dental College Laboratories Building was appropriated for the purposes intended by the Act, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

On motion of Mr. Moschel, contracts were awarded as recommended, including the contract for dental chairs at a price of \$587 more than the lowest bid, on the ground that the purchase of this equipment is more advantageous to the teaching needs of the University.

SCHOLARSHIPS IN AGRICULTURE, HOME ECONOMICS, AND CERAMICS

(24) At its meeting on May 13 the Board postponed further consideration of the question of suspending the award of scholarships in Agriculture and Home Economics for a period of two years and of discontinuing permanently the scholarships in Ceramics until this meeting to give representatives of the Illinois Farmers' Institute and of the Illinois Clay Manufacturers' Association an opportunity to be heard. (It was suggested that these representatives appear at the afternoon session of the Board at 2:30 o'clock.) A number of representatives of these organizations are here today to be heard on these proposals.

I also present a letter from the Chicago Section of the American Ceramic Society, dated June 4, 1937, and resolutions adopted by the Chicago Brick Exchange on May 28, the Chicago District Enamellers Club on June 3, and the Illinois Clay Manufacturers' Association on May 22, 1937, copies of which documents are being given to the Secretary of the Board for record.

Friends of the Department of Ceramic Engineering were introduced as follows:

- Dr. ROSS C. PURDY, General Secretary of the American Ceramic Society, Columbus, Ohio. (First Instructor in the Department of Ceramic Engineering.)
- Mr. G. G. HANSON, President of the Chicago Section of the American Ceramic Society. (Vice-President, Colorado Feldspar Co., Chicago, Illinois.)
- Mr. GEORGE P. MACKNIGHT, Managing Director, Porcelain Enamel Institute, Chicago, Illinois.
- Mr. DOUGLAS STEVENS, President, Illinois Clay Manufacturers' Association. (President, Acme Brick Co., Danville, Illinois.)
- Mr. JOHN W. STIPES, Member of original Legislative Committee for the organization of the Department of Ceramic Engineering.
- Mr. E. F. PLUMB, President, Streator Brick Company, Streator, Illinois.
- Mr. V. H. CARTWRIGHT, Manager, Peoria Branch, Hydraulic Pressed Brick Company, Peoria, Illinois.

Advisory Committee

- Mr. F. W. BUTTERWORTH, President, Western Brick Company, Danville, Illinois.
- Mr. FRANK E. HODEK, JR., (Secretary, Chicago District Enamellers Club), President, General Porcelain Enameling & Mfg. Co., Chicago, Illinois.
- Mr. FRED L. STEINHOFF, Vice-President, Industrial Publications, Inc., and Editor, Brick and Clay Record, Chicago, Illinois.

Mr. J. W. WRIGHT, Ceramic Engineer, Owens-Illinois Glass Company, Alton, Illinois.

Mr. E. H. VAN SCHOICK, President, Chicago Retort & Fire Brick Company, Ottawa, Illinois.

Engineering Staff

Dean M. L. ENGER, Dean of the College of Engineering.

Dean H. H. JORDAN, Associate Dean of the College of Engineering.

Professor C. W. PARMELEE, Head of the Department of Ceramic Engineering.

Professor R. K. HURSH, Department of Ceramic Engineering.

Professor A. I. ANDREWS, Department of Ceramic Engineering.

President Karraker explained the purpose of the meeting and asked Dean Enger to take charge of the hearing. Dean Enger in turn introduced Mr. Butterworth and asked him to act as master of ceremonies. Mr. Butterworth introduced the representatives of the industry and presented the following resolution, as well as a brief and other resolutions and letters on the matter of the scholarships in Ceramics and Ceramic Engineering.

At a meeting of the Advisory Committee of the Department of Ceramic Engineering with representatives from the Enamellers Club of Chicago, the Porcelain Enamel Institute, the Illinois Clay Manufacturers' Association, the Chicago Section of the American Ceramic Society, the American Ceramic Society, the Illinois Paving Brick Manufacturers' Association, and representatives of Clay Products, Enamel Products, Glass Industries, Dealers in Ceramic Materials, and the Ceramic Press of the state, the brief on Ceramic Scholarships, was fully discussed and was approved in its entirety by a unanimous vote including especially the recommendations of the College of Engineering.

Advisory Committee

F. W. BUTTERWORTH, President, Western Brick Company.

FRANK E. HODEK, JR., Vice-President, Porcelain Enamel Institute; Secretary, Chicago Dist. Enamellers Club; President, General Porcelain Enameling & Mfg. Company.

FRED L. STEINHOFF, Vice-President, Industrial Publications, Inc.; Editor, Brick and Clay Record.

J. W. WRIGHT, Ceramic Engineer, Owens-Illinois Glass Co.

E. H. VAN SCHOICK, President, Chicago Retort & Fire Brick Company.

ROSS C. PURDY, General Secretary, American Ceramic Society.

G. G. HANSON, President, Chicago Section of the American Ceramic Society; Vice-President, Colorado Feldspar Company, Chicago, Illinois.

GEORGE P. MACKNIGHT, Managing Director, Porcelain Enamel Institute.

E. F. PLUMB, President, Streater Brick Company.

DOUGLAS STEVENS, President, Illinois Clay Manufacturers' Association; President, Acme Brick Company.

JOHN W. STIPES, Member of original Legislative Committee for the organization of the Department of Ceramic Engineering.

V. H. CARTWRIGHT, Manager, Hydraulic Pressed Brick Company.

The resolution and brief were supported by several of the friends of the Department present, including Mr. Stevens, Mr. Hodek, Mr. Wright, Dr. Purdy, and Dean Enger.

Mr. Karraker thanked these gentlemen for their interest, and they retired.

The following friends of the College of Agriculture were introduced:

Mr. H. O. ALLISON, Secretary, Illinois Farmers' Institute, Springfield.

Mr. F. V. WILSON, President, Illinois Farmers' Institute, Edgewood.

Mr. GEORGE F. TULLOCK, Member of the Board of Directors, Illinois Farmers' Institute, Rockford.

Mr. HARRY WILSON, Member of the Board of Directors, Illinois Farmers' Institute, Pinckneyville.

President Karraker explained the purpose of the hearing in the light of the present economic situation, and asked Dean Mumford to take charge of the hearing. Dean Mumford introduced Mr. Wilson, Mr. Tullock, and Mr. Allison, who spoke briefly in support of the scholarships in Agriculture and Home Economics.

Mr. Karraker thanked these gentlemen for their interest, and they retired.

On motion of Mr. Cleary, the President of the University was instructed to discontinue the issuance of new scholarships in Ceramics and Ceramic Engineering, effective for the academic year 1938-1939.

On motion of Mr. Mayer, the President of the University was instructed to see that the number of new scholarships in Ceramics and Ceramic Engineering issued for the year 1937-1938 be not in excess of the number of new scholarships granted during the year 1936-1937.

On motion of Mr. Cleary, the proposed suspension of scholarships in agriculture and home economics, as an economy measure, was deferred until the revenues of the University for the next biennium are definitely determined.

APPROPRIATION TO DEPARTMENT OF HORTICULTURE

(25) A recommendation that the balance of \$2,285 in the unappropriated income of the Department of Horticulture be appropriated to the Department.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Wieland.

PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(26) The University Committee on Accident Compensation for Employees has submitted a list of seven accident compensation claims involving University employees, totaling \$359.27, which it recommends be paid from the University funds as in the case of certain similar payments.

A copy of the Committee's report with a list of the cases is being given to the Secretary of the Board for record.

All of these cases have been reviewed by the Committee and none involves permanent disability. Provision for such payments has been made in the budget for the current year.

On motion of Mr. Mayer, the payment of these claims was authorized.

BIDS ON TENNIS COURTS IN CHICAGO

(27) The Director of the Physical Plant Department submits the following schedule of bids received on June 1 for the construction of tennis courts at Polk and Wood Streets for the use of the students and faculty of the Chicago departments:

	<i>Base Bid</i>	<i>Alternate # 1</i>	<i>Alternate # 2</i>
Banner Construction Co.....	\$4 995 00	\$ 787 00	\$ 158 00
Bulley & Andrews.....	7 388 00	800 00	1 081 00 ¹
John Kinnare, Inc.....	5 555 00	555 00	888 00
Morgan Park Construction Co.....	5 377 00	929 00	568 00
Moses Construction Co.....	8 074 00	1 304 00	779 00
J. W. Snyder Co.....	7 516 00	1 710 00	1 230 00

He recommends that the contract be awarded to the Banner Construction Company, the lowest bidder, on its base bid of \$4,995. Provision has been made in the budget for this work.

On motion of Mrs. Plumb, this contract was awarded to the lowest bidder as recommended.

PURCHASES AUTHORIZED

(28) A report of the following purchases authorized by the President of the University in accordance with the authorization of the Board of Trustees under its action on July 26, 1935:

1. 250 one-year old, shorn, crossbred, whitefaced ewes, for use in pasture experiments and to be kept on the Urbana farm until late in the summer and then sent to the experimental farm at Dixon Springs. (Reason for emergency: In order to take advantage of the pasture that is now ready.)

2. Book paper as follows:

A. For Agricultural Experiment Station and Extension Service (paid for from Federal Funds):

10,000 reams $8\frac{3}{8} \times 10\frac{7}{8}$ —16 lb. White No. 4 Sulphite Bond

100 reams $8\frac{1}{2} \times 13$ —16 lb. White No. 4 Sulphite Bond

B. For Office Supply Store, for general University printing:

2,250 reams $8\frac{3}{8} \times 10\frac{7}{8}$ —16 lb. White No. 4 Sulphite Bond

48 reams 17×28 —20½ lb. White No. 4 Sulphite Bond

48 reams 19×24 —19½ lb. White No. 4 Sulphite Bond

64 reams 17×22 —16 lb. Canary No. 4 Sulphite Bond

48 reams 17×22 —16 lb. Pink No. 4 Sulphite Bond

12 reams 19×24 —19½ lb. Goldenrod No. 4 Sulphite Bond

1½ tons 17×22 —16 lb. White No. 4 Sulphite Bond

from the Chicago Paper Company, the low bidder, at a price of \$3,843.95. (Reason for emergency: In order to use Federal funds delivery must be completed by June 30th. Delivery will require about four weeks.)

On motion of Mr. Pogue, the action of the President of the University in authorizing these purchases was approved and confirmed.

REPORT ON INVESTMENT OF THE KATE NEAL KINLEY FELLOWSHIP FUND

Mr. Mayer, for the Finance Committee, reported as follows:

The Finance Committee recommends that the following securities, purchased as investments of the Kate Neal Kinley Fellowship Fund, be sold at the current market:

\$2,000 Par, New England Power Company, First A, $3\frac{1}{4}\%$, 1961. Cost 104. Current market about 100.

\$3,000 Par, Southwestern Bell Telephone Co., 1st and ref. B, $3\frac{1}{2}\%$, 1964. Cost 108. Current market about 105½.

The Committee recommends that the proceeds be invested in the following securities:

\$2,000 Cincinnati Union Terminal, First C, 5%, 1957. Price about 107½.

\$2,700 Indianapolis Power and Light, First A, 5%, 1957. Price about 106.

¹Void—not accompanied by certified check.

Under the terms of the deed of gift, this fund must be invested separately. This change will make a considerable increase in the income of the fund.

Finance Committee:

OSCAR G. MAYER
KARL A. MEYER
LOUIS C. MOSCHEL

On motion of Mr. Cleary, this sale of securities and reinvestment of funds was authorized.

**RECOMMENDATION OF FINANCE COMMITTEE
CONCERNING INVESTMENT COUNSEL**

Mr. Mayer reported also as follows:

The Comptroller has placed before the committee the difficulties with which he is faced with respect to securing adequate information on problems relating to the investment of our endowment funds. He feels the need of a reliable source which will supply information at all times both as to desirable changes in securities held and as to desirable purchases when funds require investment.

After carefully reviewing the matter the committee is convinced that some regular arrangement for assistance of this kind should be concluded. The Comptroller has reviewed the problem with several Chicago banks and has secured proposals from them for this service. The University now has a custodial agreement with the First National Bank of Chicago which is also the depository of University funds in the hands of the University Treasurer. The custodial arrangement provides for safekeeping of all securities and collection of interest coupons. The cost of this service is approximately \$425 a year.

The First National Bank is willing to extend this service to include all necessary advice concerning investments at a total cost, based on the present total of our investments, of not over \$1,000 a year. This amount is considerably less than the regular rates charged for this service in Chicago banks and is as good a proposal as any bank has offered.

Under this arrangement our list of securities would be checked continuously by the Trust Department of the bank and whenever any change is found to be desirable a recommendation would be submitted to the finance committee. When funds become available for investment, recommendations for investment also would be submitted. All such recommendations are made from lists approved by investment committees of the bank of which the Treasurer of the University, Mr. Frank M. Gordon, is a member, so that the benefit of his advice on our particular problem would always be available. No purchases or sales of securities would be made without approval of the finance committee or the Board of Trustees.

The committee recommends that this arrangement be authorized beginning July 1, 1937, and that provision for the added expense of approximately \$600 a year be included in the budget for 1937-1938.

The Finance Committee
of the Board of Trustees:

KARL A. MEYER
LOUIS C. MOSCHEL
OSCAR G. MAYER, *Chairman*

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

**RECOMMENDATION OF FINANCE COMMITTEE
FOR SALE OF SECURITIES**

Mr. Mayer presented also the following report:

The Finance Committee requests authority to sell the following low-yield securities as favorable opportunity is presented, and to reinvest the proceeds in other securities of quality similar to those previously approved by the Board:

<i>Par</i>	<i>Issue</i>	<i>Per cent</i>	<i>Maturity</i>	<i>Book value</i>	<i>Yield</i>	<i>Current price</i>
\$5 000	Duquesne Light Co.....	3½	1965	106.75	3.12	105
5 000	Niagara Falls Power Co....	3½	1966	107.25	3.16	102½
2 000	Southwestern Bell Telephone Co.....	3½	1964	108	3.05	105¼
10 000	City of New York.....	4	1940	105	2.80	105
3 000	U. S. Treasury.....	3¼	1944	103.95	2.63	106½ ₃₂
8 500	U. S. Treasury.....	4	1944	114.4	1.85	111½ ₃₂
10 000	U. S. Treasury.....	3	1938	100.67	2.60	102

OSCAR G. MAYER, *Chairman*
 KARL A. MEYER
 LOUIS C. MOSCHEL

On motion of Mr. Mayer, this sale of securities and reinvestment of funds was authorized.

PURCHASE OF SECURITIES AS INVESTMENTS OF ENDOWMENT FUNDS

Mr. Mayer also reported that the Comptroller reports the purchase of the following securities, authorized by the Finance Committee, as investments of endowment funds:

\$5,000 par, Iowa Power & Light, 1st 4½%, 1958 at 106

\$5,000 par, Virginia Railway, 1st 3¾%, 1966 at 104½

\$5,000 par, Goodyear Tire & Rubber Co., 1st Collateral, 5%, 1957 at 104¾.

On motion of Mrs. Plumb, this action was approved.

TREASURER'S BOND

Mr. Mayer reported also as follows:

The Comptroller reports that the Fidelity and Casualty Company, which has furnished the bond for Mr. Frank M. Gordon as Treasurer of the University, has reduced the premium on this bond from \$4.00 to \$2.50 a thousand, effective March 11, 1937, the date of renewal of the present bond. This represents a reduction of \$750 a year in the premium.

The members of the Finance Committee have approved the renewal of the bond with this Company on the reduced premium basis.

On motion of Mr. Mayer, this action was confirmed, and the bond of the Treasurer was accepted.

INSTALLATION OF EQUIPMENT IN NEW MEDICAL BUILDING

On motion of Mrs. Plumb, the Committee on Chicago Departments and Mr. Havens were authorized to confer with the existing contractors on the imperative need to install equipment in the new Medical Building and to secure further information on the cost.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(29) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

MAY 8, 1937, TO JUNE 4, 1937

Cooperative investigation authorized by Board of Trustees in meeting of May 13, 1937 (Minutes, page 262):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Chicago Vitreous Enamel Product Company	Investigation of enamel frits	\$3,500 per year for two years	May 17, 1937

Renewal of cooperative agreement originally authorized by Board of Trustees in meeting of July 11, 1934 (Minutes, page 4):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
American Dry Milk Institute	Investigation to study the utilization by animals of the calcium of whole milk and of liquid and dried skim milk, and their values as sources of calcium in the diet in comparison with other high calcium foods.	\$4,200	May 11, 1937

Agreement executed under general regulations of Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Illinois Bell Telephone Co.	Rental of two program supply circuits for Radio Station WILL	\$32.30 per month	April 19, 1937

This report was received for record.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

PROPOSED INCREASE IN STUDENT FEES

(30) The Board has under consideration a proposal to increase student fees and particularly the fees charged non-State students until this meeting. A standing faculty Committee on Fees and Scholarships, which has considered and made reports on such proposals in previous years, was asked to consider this proposal, and it has submitted the following recommendations:

1. No further increase in the resident fee at the present time.
2. No further increase in the non-resident fee at the present time but that if, in the judgment of the Board, such an increase is imperative, it do not exceed \$25 a year.

On motion of Mr. Cleary, the President of the University was requested to recommend appropriate fees to be paid by students who are not residents of Illinois registered in the Colleges of Medicine, Dentistry, Pharmacy, and Law, and the Graduate School, based on a contemplated fee of \$125 a semester for non-resident students in the undergraduate colleges. The President was asked also to estimate the financial effect of such an increase in fees.

SECRETARY'S REPORT OF CONTRACTS

(31) The Secretary reports the following contract executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
Pacific Flush Tank Co.	May 14, 1937	\$4,000	Assignment of patents No. 1,838,474, and No. 1,838,475 for Sewage Treatment.

This report was received for record.

SALE OF BUSWELL PATENTS TO PACIFIC FLUSH TANK COMPANY

(32) In accordance with the authorization of the Board the Buswell patents covering a sewage treatment process have been sold to the Pacific Flush Tank Company for the sum of \$4,000. This has been placed in a separate reserve fund pending any decision which may be made by the Board for any specific use for it.

On motion of Mr. Mayer, this matter was referred to the faculty committee on patents for consideration and recommendation to the Board committee.

PROPERTY ON JOHN STREET

(33) The Director of the Physical Plant Department reports that the property on John Street immediately west of the present Illinois Union Building is for sale at a price of \$5,500. It is a desirable piece of property for the University to acquire and the price is low, but it appears unlikely that the University will have any funds to spare for this purpose.

No action was taken on this matter.

STATE NATURAL RESOURCES BUILDING

(34) A report that the Director of the State Department of Registration and Education was notified by letter (May 17, 1937) of the action of the Board on May 13, relative to the proposed State appropriation for a Natural Resources Building to be located on the grounds of the University at Urbana.

This report was received for record.

OFFER OF PASTEUR MONUMENT TO UNIVERSITY

(35) The Chicago Park District Commissioners have offered the College of Medicine a Pasteur monument which now stands in Grant Park west of the Field Museum, on condition that the University assume the expense of moving it. A faculty Committee on Works of Art, which advises the President of offers to the University of art objects, has recommended the acquisition of this statue by the University if it is at all possible. The monument was erected in 1928 at a cost of about \$80,000 from the designs of Leon Hermand, sculptor, and Edwin H. Bennett, architect.

The Director of the Physical Plant Department estimates that it will cost at least \$4,500 to move this piece from its present location to the College of Medicine and to install it on a suitable foundation. Since no funds are available for this purpose, the University is not in a position to accept the offer, but before it is declined the matter is being brought to the attention of the Board for its advice.

On motion of Mr. Cleary, this gift was accepted with thanks.

DEMOLITION OF OLD MEDICAL AND DENTAL BUILDING

(36) The Director of the Physical Plant Department reports that estimates he has secured of the cost of razing the old College of Medicine Building (now used by the Goodwill Industries) and of the old Dental Building, indicate that this will be a minimum of \$2,000 for the Medical Building and approximately \$1,000 for the Dental Building.

He recommends that in view of the present status of the budget and the shortage of funds for other work, no funds be expended on razing these buildings for the present.

No action was taken on this matter.

**UNIFORMS AND ACCESSORIES FOR ADVANCED-COURSE
R.O.T.C. STUDENTS**

(37) The Comptroller, the Purchasing Agent, and the Professor of Military Science and Tactics recommend the award of a contract to the Associated Military Stores of Chicago for uniforms and accessories for advanced-course students in the R.O.T.C. for the year 1937-1938 (approximately 250 sets), including

Blouse—16 oz. Whipcord
Cap—16 oz. Whipcord
Breeches—22 oz. Cavalry Twill
Belt—Sam Browne—8 oz. Cowhide
Belt—Web
Sabre Chain
Tie

at a price of \$36, which is the Government's allowance for such uniforms. This is the same equipment which was furnished at this price last year except that the shirt which was listed at \$1.25 has been omitted due to the increased cost of

other equipment. Competitive bids have not been secured, but the award of this contract to the Associated Military Stores of Chicago is recommended for the following reasons:

1. The uniform they have furnished has been very satisfactory as to materials, workmanship, and fit, and they have rendered excellent service in taking measurements and making deliveries.

2. In view of present market conditions it does not seem probable that competitive bidding would result in obtaining a better uniform at the price.

3. This company was awarded the contract in 1935 as a result of competitive bidding.

On motion of Mr. Mayer, the Comptroller was instructed to take bids on this equipment.

MEMBERSHIP IN HOSPITAL ASSOCIATION AND STUDENT FEE FOR MEDICAL AND HOSPITAL SERVICES

(38) On March 9 the Board of Trustees referred to its Committee on General Policy, and to a special faculty committee to be appointed for that purpose, a proposal from the Student Senate of the University that all undergraduate students be required to pay a hospital or health fee which would entitle them to free hospital service and medical attention.

The faculty committee has submitted a preliminary report which was transmitted to the Committee on General Policy, and a copy of which is being given to the Secretary of the Board for record. In this report the Committee submits the following preliminary suggestions:

1. No substantial improvement in the Hospital service to students can be expected until present hospital facilities are increased. The University should look forward to a compulsory fee plan in the near future, and an increased capacity in McKinley Hospital amounting to fifty beds concurrently with the adoption of a compulsory fee plan, to be increased later to one hundred beds.

2. Though some members of the Committee believe plans (a) and (b) to be fundamentally sound and more likely to meet the needs of the students at a reasonable cost, plan (c) seems more practicable and offers better prospect of immediate adoption. All factors considered, therefore, the Committee is inclined to approve plan (c), with adequate safeguards, provided it is approved by the local medical society and provided upon expert advice the plan seems to be actuarially sound.

3. A compulsory annual fee in the sum of \$10.00 should become an essential part of the Hospital service plan; and a summer session fee of \$2.50 should be collected from each student.

4. The services available for this fee should embrace complete hospitalization and usual medical care for a period not to exceed 28 days per semester (excluding, however, extra and unusual services).

5. Eventually a competent psychiatrist should be added to the staff.

This report was received for record and for the information of the Committee on General Policy.

DORMITORIES FOR MEN

(39) On March 9 the Board referred to its Committee on Student Welfare and to a special committee of the faculty to be appointed for that purpose a report on housing conditions for men students and a request that the University build dormitories, submitted by the Men's Independent District Association, an undergraduate body representative of the non-fraternity men.

The special faculty committee has submitted a report, copies of which were sent to the members of the Committee on Student Welfare and a copy of which is being submitted to the Secretary of the Board for record. Briefly summarized the committee's report and recommendations are:

1. The report of the Men's Independent District Association on student housing is a fair and true presentation of the situation.

2. The committee does not recommend that the University proceed with the proposed low-cost housing project in the West Side of the Stadium at this time because—

- A. Such type of project should not be an initial step in a dormitory program.
- B. This type of housing might impair the future of the dormitory program by placing it in a bad light with students and faculty.
- C. It might be subject to public criticism.
- D. The initial cost would be prohibitive.
- E. The distance of the Stadium from the campus.
- F. The price which would have to be charged for the accommodations.
- 3. The committee is unanimous in its opinion that the University should start on a program of dormitory facilities for men as soon as possible—a long-term program looking toward a series of units to be constructed according to the demand for such facilities and resources for financing them.
- 4. The committee further unanimously recommends that the University establish an approved list of houses for men; that contracts be provided by the University to be used by house mothers and students in such houses only, and that the University insist upon enforcing the contracts only in approved houses. As a practical measure it may not be possible to establish such an approved list for the year 1937-1938 because due to the anticipated increase in enrollment probably every available room, good or bad, will be required.
- 5. The committee suggests that details in its recommendations will need further study and consideration, and awaits further instructions.

This matter was referred to the Committee on Student Welfare for consideration and report.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Hoover, William Farrin, to give instruction in Geology, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 2, 1937)¹

Jameson, Inez, Stenographer in the Department of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics, for three months beginning June 1, 1937, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (June 3, 1937)

Watson, Richard Elvis, to give instruction in Physics, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 2, 1937)

RESIGNATIONS AND DECLINATIONS

The Secretary presented also for record the following list of resignations and declinations.

Beiler, A. C., to give instruction in Physics, in the Summer Session of 1937—resignation effective June 21, 1937.

Burton, Charles J., Scholar in Physics—resignation effective September 1, 1937.

Cagle, Fred Ray, Scholar in Zoology—declination effective September 1, 1937.

Cromer, Stuart P., Assistant Superintendent of the Dispensary in the College of Medicine—resignation effective July 15, 1937.

Dizikes, Jim, Scholar in Dairy Husbandry—declination effective September 1, 1937.

Flanders, Dwight P., Fellow in Economics—resignation effective September 1, 1937.

Gardner, J. W., to give instruction in Geology, in the Summer Session of 1937—resignation effective June 21, 1937.

Getz, Mrs. Carol Crabbs, Stenographer in the Department of Chemistry—resignation effective July 1, 1937.

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Howell, Kenneth Lyle, Assistant in Pharmacy—resignation effective June 1, 1937.

Leppla, Mrs. Martha Bond, Cataloger in the Chicago Medical and Dental Library—resignation effective May 31, 1937.

Richards, Gordon V., Scholar in Civil Engineering—declination effective September 1, 1937.

Rosenberg, Albert A., Scholar in Mechanical Engineering—declination effective September 1, 1937.

The Board adjourned, to meet on the call of the President.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 16, 1937



The July meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10:00 a.m. (Chicago Daylight Saving Time) on Friday, July 16, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb.

President Willard was present; also Mr. Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, Director C. S. Havens, and Mr. A. J. Janata, Assistant to the President.

SECRETARY, PRO TEMPORE

On motion of Mr. Adams, Mr. Janata was elected Secretary *Pro Tempore*, to serve in the absence of Mr. H. E. Cunningham.

MINUTES APPROVED

The Secretary *Pro Tempore* presented the minutes of the meeting of June 9, 1937.

On motion of Mr. Mayer, the minutes were approved as printed on pages 272 to 298 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LEGISLATION AFFECTING THE UNIVERSITY

(1) The following report on the various measures before the Sixtieth General Assembly affecting the University:

I. Biennial Appropriation

A. Budget.—The biennial budget for 1937-1939, originally approved by the Board on October 26, 1936, and submitted to the Department of Finance on November 1, 1936, was reduced, by action of the Board on May 3, by a total of \$1,250,000 in that amount of the budget coming from State tax revenues. This revised budget was adopted by the Board on May 13. It provided for a total of \$15,149,632, of which \$11,154,102 represented income from State tax revenues, \$295,530 Federal grants, and \$3,700,000 the appropriation of the Revolving Fund of the University's income from fees and other sources.

The appropriation bills representing this budget were introduced in the House on May 19 (H.B. No. 942) and in the Senate on May 25 (S.B. No. 483). The Senate bill was passed first and was sent to the House on June 10.

A substitute appropriation bill (H.B. No. 956) was introduced in the House on May 19 by Representative A. B. Lager of Carlyle. This bill called for an appropriation of \$804,568 less than the reduced budget of the Board of Trustees. It differed from the University bill in two other respects: it did not provide for an automatic adjustment in the allocations from the University of Illinois (Mill Tax) Fund and the General Revenue Fund, which was deemed necessary by the Board; and it failed to include provisions for the payment of retiring allowances and death benefits. Both bills were considered by the Committee on Appropriations on June 23. The Committee rejected the substitute bill and voted to recommend to the House that the Trustees' bill pass. On June 29, when the bill was on second reading in the House, the sponsor of the substitute bill offered four amendments to make the Trustees' bill conform to his bill. These amendments were tabled by a vote of more than two to one, and the bill was passed without amendment on June 30 by a vote of 134 to 0.

On July 12 the Governor vetoed all of the items for buildings, totaling \$650,000, including an addition to the Library, \$350,000, Agricultural Laboratory Building and remodeling old quarters, \$150,000, and a new unit for Chemistry, \$150,000. This wipes out completely the building program in the original budget as submitted to the Department of Finance, the Board on May 13 having eliminated \$625,000.

Following is the text of the appropriation bill with the Governor's veto message, a certified copy of which is hereby given to the Secretary of the Board for record.

Certificate Number 20477

STATE OF ILLINOIS
OFFICE OF
THE SECRETARY OF STATE

To All to whom these Presents Shall Come, Greeting:

I, Edward J. Hughes, Secretary of State of the State of Illinois, do hereby certify that the following and hereto attached is a true photostatic copy of an Act making appropriations for the University of Illinois and providing for the expenditure thereof, the original of which is now on file and a matter of record in this office.

In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois. Done at the City of Springfield this 13th day of July, A.D. 1937.

(SEAL)

EDWARD J. HUGHES
Secretary of State

STATE OF ILLINOIS
EXECUTIVE DEPARTMENT
SPRINGFIELD

July 1, 1937

To the Honorable

The Secretary of State:

I herewith file in your office Senate Bill No. 483, entitled "An Act making appropriations for the University of Illinois and providing for the expenditure thereof."

I approve Senate Bill No. 483 except for the following items, which I disapprove and veto:

Page 3, section 3, lines 2 and 3 each inclusive from the top of the page:

"For an addition to the University Library and equipment.....\$350,000"

Page 3, section 3, lines 4, 5 and 6 each inclusive from the top of the page:

"For Agricultural Laboratory Building and equipment and remodeling old quarters.....\$150,000"

Page 3, section 3, lines 7 and 8 each inclusive from the top of the page:

"For new unit of building for Chemistry and equipment.....\$150,000"

My reasons for vetoing these items are as follows:

The total appropriations made for the University for the biennium commencing July 1, 1933 were \$11,594,902. The total for the biennium commencing July 1, 1935 was \$12,195,802. Deducting the vetoed items which, in my opinion, are otherwise provided for, the total for the current biennium is \$14,499,632 or an increase of \$2,203,830 over and above the preceding biennium which should be adequate to provide for the anticipated increased enrollment at the University and for any other necessary items.

The item of \$7,880,000 for salaries and wages in this bill, as well as other items, are in lump sums. The details thereof were never presented to the Governor, although I have heretofore requested them so that I might review and analyse the same as I did in the case of appropriation requests by other branches of State Government.

As near as can be figured the request of the University is approximately \$1,000,000 in excess of what is reasonably required. The amounts presented in this bill being in lump sum and lacking itemization leaves the Governor limited powers of veto as our Constitution provides that all or none of a given item in an appropriation bill may be vetoed.

There is no desire on my part to handicap the University building program.

Section 8 on pages 4 and 5 of this bill appropriates the sum of \$3,700,000 payable from the revolving fund which is in addition to appropriations from the University of Illinois Fund and the General Revenue Fund of the State.

Section 8 reads in part as follows:

"There is appropriated to the University of Illinois for the two years beginning July 1, 1937 for support, salaries and wages, office expense, printing, travel, operation, repairs, equipment, permanent improvements, retirement and death benefits for staff members, medical, surgical and hospital service and compensation for temporary disability under the provisions of the Workmen's Compensation Act in connection with accidents suffered by employees of the University of Illinois, and contingencies, until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of three million, seven hundred thousand dollars (\$3,700,000) payable from the University of Illinois Revolving Fund."

The items that I have vetoed can well be taken from the revolving fund. I express the hope that the Trustees of the University will go through with the building program which is reflected in this appropriation bill to the extent that is necessary.

We have an excellent University and I firmly believe that the high standards of education and maintenance of the University can be satisfactorily sustained on the moneys remaining in the appropriation after my veto.

Should the revenues of the State increase consistent with the demands made upon the Treasury in various directions, the claims of the University, if any, with the claims of other branches of State government for further financial support will be considered by the State.

Except for the items hereinabove mentioned, which I have vetoed, I approve Senate Bill No. 483.

Respectfully submitted,
HENRY HORNER
Governor

AN ACT MAKING APPROPRIATIONS FOR THE UNIVERSITY OF ILLINOIS
AND PROVIDING FOR THE EXPENDITURE THEREOF

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

Section 1. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, for the objects and purposes hereinafter set forth, the sum of ten million, sixty-nine thousand, two hundred dollars (\$10,069,200) payable first out of the University of Illinois Fund to the extent of the amount actually available in that fund at the time of the presentation to the Auditor of Public Accounts of duly itemized, issued, and certified vouchers, except that the Auditor may permit a reasonable working balance to accumulate therein, but otherwise, when the amount actually available in the University of Illinois Fund in addition to such working balance is insufficient to pay such vouchers, as to the remainder of this appropriation, the same shall be payable from the General Revenue Fund:

For salaries and wages.....	\$7 880 000
For office expenses, including printing and publications.....	210 000
For travel.....	40 000
For operation.....	1 000 000
For repairs, equipment, and minor improvements including special assessments.....	939 200
<i>Total</i>	<u>\$10 069 200</u>

The intent of this section is that substantially the entire amount available in the University of Illinois Fund during the period covered by the appropriation herein made shall first be applied to the payment of vouchers chargeable thereto and the part of this appropriation payable from the General Revenue Fund shall equal the aggregate of vouchers for such period in excess of the total sum available in the University of Illinois Fund.

Sec. 2. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of twenty thousand dollars (\$20,000) payable out of the General Revenue Fund for the purpose of constructing buildings at and maintaining the Agricultural Experiment Station in Cook County.

Sec. 3. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of six hundred fifty thousand dollars (\$650,000) payable out of the General Revenue Fund for the following objects and purposes:

For an addition to the University Library and equipment. . . .	\$350 000
For Agricultural Laboratory Building and equipment and re- modeling old quarters.....	150 000
For new unit of building for Chemistry and equipment.....	150 000

Sec. 4. The appropriations made in sections 1, 2, and 3 of this Act shall be subject to all the provisions, conditions, and limitations of an Act entitled, "An Act in relation to State finance," approved June 10, 1919, in force July 1, 1919.

Sec. 5. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, for the payment of interest on the endowment funds of said University as provided by section 2 of an Act entitled, "An Act to make appropriations for the University of Illinois, and providing for the management of the funds of said University and for the protecting of the interest of the State in connection therewith," approved and in force June 11, 1897, the sum of sixty-four thousand, nine hundred two dollars (\$64,902) or so much thereof as may be necessary under the terms of said Act.

Sec. 6. There is hereby appropriated to the University of Illinois the sum of two hundred ninety-five thousand, five hundred thirty dollars (\$295,530) or so much thereof as shall accrue to the State of Illinois under the provisions of an Act of Con-

*Vetoed.

gress entitled, "An Act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the colleges for the benefit of agriculture and the mechanical arts, established under the provisions of an Act of Congress, approved July 2, 1862," approved August 30, 1890, an Act of Congress entitled, "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved March 4, 1907, and an Act of Congress entitled, "An Act to provide for research into basic laws and principles relating to agriculture and to provide for the further development of cooperative agricultural extension work and the more complete endowment and support of land-grant colleges," approved June 29, 1935, during the two years beginning July 1, 1937.

Whenever any portion of said sum shall be received by the State Treasurer from the United States, it shall immediately be due and payable into the treasury of the University of Illinois.

Sec. 7. Upon the order of the President of the Board of Trustees of the University of Illinois, countersigned by its Secretary and with the corporate seal of said University attached thereto, the Auditor of Public Accounts is herewith authorized and directed to draw his warrants on the State Treasurer for the sums appropriated in sections 5 and 6 of this Act.

Sec. 8. There is appropriated to the University of Illinois for the two years beginning July 1, 1937 for support, salaries and wages, office expense, printing, travel, operation, repairs, equipment, permanent improvements, retirement and death benefits for staff members, medical, surgical and hospital service and compensation for temporary disability under the provisions of the Workmen's Compensation Act in connection with accidents suffered by employees of the University of Illinois, and contingencies, until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of three million, seven hundred thousand dollars (\$3,700,000) payable from the University of Illinois Revolving Fund, including but not exceeding in amount the aggregate of any unexpended balance at the end of the biennium and the sum collected by the University and transmitted to the State Treasurer during the ensuing biennium and credited to the University of Illinois Revolving Fund as provided by law.

The appropriation made in this section shall be subject to all the provisions, conditions, and limitations of an Act entitled, "An Act in relation to State finance," approved June 10, 1919, in force July 1, 1919.

JOHN STELLE
President of the Senate
LOUIE E. LEWIS
Speaker of the House

Approved July 1, 1937, except as to the items vetoed in my message of even date herewith attached hereto.

HENRY HORNER
Governor

B. Medical and Dental Equipment Appropriation.—Pursuant to the instructions of the Board, a separate emergency bill (H.B. No. 216), appropriating \$350,000 for equipment for the Medical and Dental College Laboratories Building, was introduced in the General Assembly. This bill was passed on May 18 and approved by the Governor on May 28, 1937.

II. Supplementary Appropriation Bills

A. Journalism Building.—Following the action of the Board of Trustees in eliminating from its original budget an item of \$250,000 for a building for journalism and other subjects, a separate bill (H.B. No. 909) was introduced by Representative James A. Nowlan of Toulon, at the request of the Illinois Press Association, appropriating this amount to the University for a Journalism Building. This bill failed to pass.

B. Dormitories for Men.—As a result of some of the objections which had been raised to the University of Illinois Building Commission bills, a bill appropriating \$200,000 for dormitories for men was introduced by Representative James P. Boyle of Chicago. This bill was not advanced by its sponsors.

III. *Allocation of Moneys from the University of Illinois (Mill Tax) Fund*

Pursuant to the instruction of the Board of Trustees, bills were introduced in the House (H.B. No. 136) and Senate (S.B. No. 50) for an amendment to the State Finance Act to provide for a more dependable system of allocation of funds, since the Mill Tax levy is no longer made against property, but the equivalent amount (which is based upon the total assessed valuation of general property in the State) is credited to the University from the Retailers' Occupation Tax Revenues. This bill was passed by the Senate and recommended by the House Committee on Revenue. Certain objections to this bill were raised by the State Department of Finance, to which the University agreed, and the appropriation bill was altered to meet the situation. Since the needed results were secured in this way the passage of the bill amending the State Finance Act was not pressed.

IV. *University of Illinois Building Commission*

Early in the session bills creating the University of Illinois Building Commission and the companion bills amending existing laws, including the Charter Act of the University, were introduced by authority of the Board of Trustees. These were Senate Bills Nos. 51, 52, 53, and 61 and House Bills Nos. 137, 138, 139, and 145.

These bills had six hearings. They were first before the House Committee on Education, which recommended their passage. In the Senate they were considered by the Committee on Revenue, which likewise recommended their passage. Upon objections raised by certain business interests in Champaign and Urbana these bills were again referred to the Senate Committee on Revenue for a second hearing, at which a special sub-committee was appointed to visit the University and consider the bills in conference with University officials and representatives of the business interests opposing them. The sub-committee spent a full day at the University and in its report recommended passage of the bills. This recommendation was reaffirmed by the Committee on Revenue, and the Senate subsequently passed the bills. When they came to the House, the Senate bills were referred to the Committee on Education, which had previously recommended passage of the corresponding, identical House bills. At this second hearing the bills were referred to a special sub-committee for further consideration. This sub-committee of five members gave the bills and their proponents and opponents a full hearing, following which it recommended their passage by a vote of four to one. A third hearing on the bills was held by the Committee on Education, following which it recommended their passage.

The bills were reported to the House on June 10 and placed on second reading. Certain amendments were desired to meet the objections of a representative of the Department of Finance, who had appeared at two of the hearings opposing the bills. Representatives of the University conferred with the member of the House who was planning to offer the amendments, and a number of amendments acceptable to the University were drafted to meet all of the objections which had been raised. Several efforts were made by the Representative in charge of the amendments and the sponsors of the bills to have the latter called up for amendment and advanced, but the Speaker of the House did not call them. Consequently the House was not given an opportunity to vote on the amendments. Had they been called, it is believed that they would have been passed by the House and concurred in by the Senate.

V. *Auditing and Accounting Bills*

A bill (H.B. No. 519) was introduced giving the State Tax Commission authority to establish accounting systems, provide forms of financial reports, and make audits of tax-spending bodies. The bill was primarily drafted to cover municipalities and other local governments, but its provisions extended to all divisions of the State Government. An amendment was introduced eliminating the University of Illinois from its provisions because of the broad powers of the Commission. The bill, however, failed to pass. Another bill (H.B. No. 1053) was introduced amending the Civil Administrative Code giving the State Department of Finance power to "audit, investigate, review and examine or cause to be audited, investigated, reviewed or examined at any and all times, the accounts, operations and methods of conduct of proceedings of every private corporation, institution, association, board, officer, commission, commissioner, department, arm or agency of the State of Illinois receiving appropriations from the General Assembly." Under existing laws the University

is required to submit a budget to the Department of Finance, and the Department has authority to call on the University, as well as other departments, for any necessary information relating to that budget. Authority to audit the accounts of state departments and institutions is vested by the State Constitution in the Auditor of Public Accounts. The University for many years has provided for audits by independent public accountants, and copies of their reports are filed with the Governor. This bill would have given the Department of Finance extremely broad inquisitorial powers over all elected State officials, including the Board of Trustees. It was passed by the House, but failed to pass in the Senate.

VI. *Additional Scholarships*

A bill (H.B. No. 522) was introduced by Representative Nicholas L. Hubbard of Mt. Pulaski, at the request of one of the county superintendents of schools, increasing the number of County Scholarships in counties having a population of over 40,000. The objections of this bill were explained to the sponsor and he did not press its passage.

VII. *Southern Illinois State Normal University*

A bill (H.B. No. 585) was introduced by Representative C. D. Johnson of Belleville and Representative Sidney Parker of Texico providing that the Southern Illinois State Normal University at Carbondale be made a branch of the University of Illinois and that its management be transferred to the Board of Trustees of the University. The House Committee on Education recommended that this bill be not passed, and it was tabled.

VIII. *Illinois Budgetary Commission*

House Bill No. 662, introduced by Representative James P. Boyle of Chicago, which was passed, establishes the Illinois Budgetary Commission, which consists of the Governor as an *ex-officio* member, the Chairman of the Committees on Appropriations of the Senate and House, two members of the Senate, and two members of the House. This Commission is authorized to make a thorough study and investigation of all State expenditures and income from all sources, to formulate and recommend a plan for the standardization and classification of all salaries and other compensation for services rendered to the State, and to report its recommendation to the Governor not later than September 1 preceding the convening of the next General Assembly. The Commission is required to submit a duplicate of its report to the General Assembly. This bill will undoubtedly affect the University.

IX. *State Employees' Benefit and Retirement Fund*

House Bill No. 906, introduced by Representative Benjamin S. Adamowski of Chicago, providing for a pension system for State employees was introduced late in the session. Sponsors of the bill did not refer it to the University officials, nor discuss it with them, prior to its introduction. As originally drawn, the pension plan would be optional, but the bill was completely redrafted on June 9, and in the amended form it would have included every member of the University's staff and every employee including part-time assistants and student employees. To protect the interests of the University the bill was amended to eliminate the faculty and scientific staff from its provisions, but leaving the way open for the Civil Service staff to be included, if the board which will administer this plan deems it advisable. The plan requires a deduction of five percent from the salary or wage of every employee included and applies to all salaries up to \$3,000.¹

This report was received for record and action on the various matters was deferred until later in the meeting.

REQUIREMENTS FOR ADMISSION TO COURSES IN CHEMISTRY

(2) The anticipated registration in the Department of Chemistry for 1937-1938 is so large that the number of laboratory desks available will not accommodate all of the expected students. Consequently it will be necessary to put into effect measures regulating registrations in courses in Chemistry. The problem was referred to the Committee on Educational Policy for its consideration, in consultation with repre-

¹On July 19, 1937, subsequent to this meeting of the Board, House Bill No. 906 was vetoed by the Governor.

sentatives of the Department of Chemistry, the Registrar, and the Bureau of Institutional Research. Since it will not be possible to have a meeting of the University Senate until after the opening of the University in September, which will be too late to adopt such measures for the first semester, the report of the Committee is being presented directly to the Board.

The Committee recommends that any action taken at this time be considered an emergency measure, applicable only during the first semester of 1937-1938, and that the Department be asked to study the situation and submit recommendations in time for adequate consideration of a permanent policy before the beginning of the second semester. This will doubtless involve consultation with other departments which will be affected. The Committee recommends that, with the exception of the students in the Colleges of Engineering and Agriculture, the registration of sophomores in Chemistry courses, other than the elementary courses open to freshmen, be restricted to students having a grade-point average of 3.2 or higher, and the registration of juniors in Chemistry courses, other than the elementary courses open to freshmen, be restricted to students having a grade-point average of 3.5 or higher, with the provision that the Department be authorized to admit students in each group with lower averages in case these restrictions reduce the registrations below the number that can be accommodated in the laboratories. The Committee further recommends that the Registrar be authorized to approve deferred registration for such students without assessment of the late registration fee.

The Committee recommends that these restrictions do not apply to seniors because it will be difficult, if not impossible, for such students to readjust their programs to meet the requirements for graduation in other curricula or with other majors.

These restrictions will not apply to freshman students (since it is impossible to determine their scholastic average until they have been in the University for at least one semester), and will apply only to the first semester of 1937-1938 pending further study.

I concur in the recommendations of the Committee.

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

REGISTRATION IN COURSES IN JOURNALISM

(3) The Committee on Educational Policy recommends that the Director of the School of Journalism be authorized to regulate the enrollment of students in the courses in Journalism by closing sections in laboratory courses when the registrations have reached the number that can be satisfactorily accommodated with the facilities and staff available, and to discourage the registration of students with scholastic averages of less than 3.0 (or C) from entering the School of Journalism.

While this does not involve a change in the requirements for admission to the School of Journalism, authorization of this procedure is requested to enable the School to deal with the problem of increased enrollment should the enrollment tend to exceed the number of students that can be taught satisfactorily within the available budget.

On motion of Mrs. Plumb, this administrative procedure was authorized.

ALUMNI ASSOCIATION RESOLUTIONS RELATING TO STUDENT UNION BUILDING

(4) At its Sixty-sixth Annual Reunion, held on Saturday, June 12, 1937, the Alumni Association of the University of Illinois adopted two resolutions relating to the proposed student union building, copies of which were transmitted to each member of the Board of Trustees. Copies of these resolutions are hereby given to the Secretary of the Board for record.

On motion of Mr. Cleary, these resolutions were received for record but no action was taken.

REAPPROPRIATION OF UNEXPENDED BALANCE

(5) A recommendation that the unexpended balance of \$3,800 remaining in the appropriation for Power Plant improvements at the end of the fiscal year, June 30, 1937, be reapportioned to the Physical Plant Department for improvements in the electrical distribution system.

On motion of Mr. Moschel, this reapportionment was authorized,

as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO COLLEGE OF EDUCATION

(6) A recommendation that an assignment of \$400 be made from the General Reserve Fund to the College of Education to supplement its expense and equipment budget for the current year.

On motion of Mr. Cleary, this appropriation was made, as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF PHYSICS

(7) A recommendation that an assignment of \$240 be made from the General Reserve Fund to the Department of Physics for the purchase of supplies and equipment needed for a new course in photography (Physics S73) offered by that Department during the 1937 Summer Session. A fee of \$10 per student is charged for this course to cover this expense, the income going into the General Reserve Fund.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR COLLEGE OF MEDICINE LIBRARY

(8) A recommendation that an appropriation of \$800 be made from the General Reserve Fund to the College of Medicine Library to cover the expenses of packing and shipping the medical library of Dr. A. E. Hertzler of Halstead, Kansas, of 5,000 volumes and 8,000 separates which he has given the University.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO SCHOOL OF PHYSICAL EDUCATION

(9) A recommendation that an assignment of \$2,200 be made from the General Reserve Fund to supplement the expense and equipment budget of the School of Physical Education.

On motion of Mr. Cleary, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF DAIRY HUSBANDRY

(10) A recommendation that an additional appropriation of \$826 be made to the Department of Dairy Husbandry from excess receipts of that Department above the budget estimates, for the following purposes:

Wages.....	\$504 00
Equipment.....	322 00
	<u>\$826 00</u>

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

RESIGNATION OF DR. VICTOR T. NYLANDER

(11) A report of the resignation of Dr. Victor T. Nylander, Professor and Acting Head of the Department of Operative Dentistry and Director of the Infirmary, effective September 1, 1937.

This report was received for record.

**AUTHORIZATION OF PROFESSOR M. K. FAHNESTOCK TO
RENDER CONSULTING SERVICES**

(12) A recommendation that Professor M. K. Fahnestock, of the Department of Mechanical Engineering, be authorized to render certain consulting services for Purdue University for a period of one year beginning July 1, 1937. The amount of time will not exceed four days in any one month, and his absence from the University will not be more frequent than once every two weeks. In general the work will be performed at scheduled intervals the latter part of the week. This arrangement will be advantageous, not only to Professor Fahnestock professionally, but to the Department of Mechanical Engineering and to the University.

On motion of Mr. Moschel, this arrangement was authorized.

HEADSHIP OF DEPARTMENT OF ZOOLOGY

(13) During the absence of Professor Charles Zeleny a committee consisting of Professors H. J. Van Cleave, Chairman, Waldo Shumway, and V. E. Shelford has been administering the Department of Zoology. It is anticipated that Professor Zeleny will return to his duties, but that it will be advisable to relieve him of administrative duties. I therefore recommend that this committee be authorized to administer the affairs of the department during 1937-1938.

While Professor Zeleny expects to return to active duty, his health may not permit him to devote full time to his work. I recommend that in view of his long period of service he be permitted to continue in his professorship without deduction in salary except for any expense to the University resulting from his disability.

On motion of Dr. Meyer, these recommendations were approved.

LEAVES OF ABSENCE

(14) A recommendation that the following members of the staff be granted leaves of absence for the reasons and periods and under the conditions indicated in each case:

1. Dr. R. W. Bartlett, Assistant Professor of Agricultural Economics, leave of absence during August and September, 1937, without pay, to give him an opportunity to assemble material and prepare a book on Agricultural Cooperation.

2. Dr. Olive C. Hazlett, Associate Professor of Mathematics, leave of absence on account of ill health for one year from September 1, 1937, without pay.

3. Miss Bessie Packard, Secretary in the Department of Home Economics, additional leave of absence, with full pay, from May 17 through June 15, 1937, because of illness.

4. Dr. George H. Dungan, Professor of Crop Production, leave of absence, with full pay, from May 29 to June 18, 1937, because of illness.

5. Miss Patricia Wood, Stenographer in the Department of Horticulture, leave of absence for six months from May 1, 1937, without pay, on account of illness.

6. Miss Dorothy Iwig, Associate in Home Furnishings Extension, leave of absence for two weeks with pay, and two weeks without pay, in addition to her month's vacation allowance in order that she may attend the summer school at Teachers College, Columbia University. This supersedes the action of the Board on April 14, 1937 (Minutes, page 236), of a month's leave of absence, without pay. Since that time the Federal Director of Extension Service has approved Miss Iwig's application for two weeks' leave with pay. She receives her entire salary from Federal Extension funds.

7. Mr. R. C. Hay, Extension Specialist in Agricultural Engineering, leave of absence for two weeks, with pay, in addition to his regular vacation allowance, in order that he may attend the summer school at Iowa State College.

8. Miss Frances Schwab, Instructor in the Department of Histology in the College of Dentistry, one month's leave of absence, with pay, in addition to her month's vacation allowance, on account of health.

9. Mrs. Bessie Wilson, Coles County Home Adviser, leave of absence for two weeks, with pay, in addition to her month's vacation allowance, in order that she may attend the summer school at Iowa State College.

10. Miss Constance Kyle, Psychiatric Social Worker in the College of Medicine, from September 1 to 16, 1937, without pay, in addition to her regular vacation allowance with pay.

On motion of Mrs. Plumb, these leaves were granted as recommended.

SCHOLARSHIP IN GRADUATE SCHOOL FOR LOWELL NEWMYER

(15) The National Council of Sigma Tau (national engineering honorary society) has awarded a fellowship to Lowell Newmyer, a graduate of the University of Nebraska, for graduate work in Civil Engineering at the University of Illinois.

A number of such awards are made each year by scientific and professional societies, and it is customary for the institutions selected by the fellows to grant them exemption from the payment of fees. Accordingly, I recommend that Mr. Newmyer be granted exemption from the tuition and other fees on the same basis as scholars and fellows in the Graduate School.

On motion of Dr. Meyer, Mr. Newmyer was granted a scholarship in the Graduate School for 1937-1938.

KATE NEAL KINLEY MEMORIAL FELLOWSHIP

(16) A report that Mr. Robert Bush Little, Champaign, Illinois, has been awarded the Kate Neal Kinley Memorial Fellowship for 1937-1938, and that Mr. Norman Stuart Voelcker, Louisville, Kentucky, has been appointed alternate.

This report was received for record.

VACATIONS FOR HOSPITAL RESIDENTS AND INTERNES

(17) The Joint Committee of the University and the Department of Public Welfare on the Management of the Research and Educational Hospitals recommends that residents in the hospitals shall be entitled to two weeks' vacation each year as junior residents and three weeks as senior residents, and that this provision be included in their contracts.

On motion of Dr. Meyer, this recommendation was approved.

EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

(18) At a meeting of the Chicago Departments Committee held on June 15 at 3:00 p.m., attended by Mrs. Marie C. Plumb, Mr. J. M. Cleary, and representatives of the Kewaunee Manufacturing Company and the General Fireproofing Company, together with the sub-contractors on the equipment for the second unit of the Medical and Dental College Laboratories Building, the following action was taken, subject to the approval of the Executive Committee of the Board:

In order to centralize complete responsibility for the fixed laboratory equipment in the low bidders, it was voted to include the mechanical service in their contracts with the understanding that the present mechanical contractors on the building would be continued for this work.

With the approval of Mr. Karraker, the above was submitted to the Executive Committee. Mr. Oscar G. Mayer and Dr. Karl Meyer were consulted by phone and approved the action of the Chicago Departments Committee.

On motion of Dr. Meyer, the actions of the Committee on the Chicago Departments and of the Executive Committee were confirmed.

ADDITIONAL EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

(19) In rechecking the equipment needed for the new Medical and Dental Building, an adjustment is found necessary with respect to the number of the special dental cabinet units and dental chairs. To provide the minimum number of these items necessary to take care of next year's enrollment, it is essential to have (1) 82 special cabinet units instead of 80 as authorized, and (2) 38 dental chairs instead of 36 as

authorized. This means an increase in contracts, as approved by the Board on June 9, as follows:

Ritter Dental Manufacturing Co.—For special cabinet units: Add \$1,529, making a total of \$65,579.

S. S. White Dental Manufacturing Co.—For dental chairs: Add \$525, making a total of \$7,678.11.

These additional amounts, which total \$2,054, are to be met from the item of \$59,970 for movable equipment for the College of Dentistry in the tentative budget as shown in the Board Minutes for June 9, 1937, page 287.

I have authorized the necessary increases in the above contracts and request confirmation of my action.

On motion of Mr. Mayer, the action of the President of the University was confirmed.

FURNITURE AND FURNISHINGS FOR SECOND UNIT OF MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(20) The Director of the Physical Plant Department submits schedules of bids received on June 15 for furniture and furnishings for the second unit of the Medical and Dental College Laboratories Building, which are presented herewith and given to the Secretary of the Board for record.

He recommends the award of contracts to the low bidders as follows:

1. Classroom Chairs—Heywood-Wakefield Company	\$1 484 41
2. Amphitheatre Seating—American Seating Company	1 169 54
3. Tables—Marshall Field & Company	595 00
4. Chairs, Benches, Costumers—Marshall Field & Company	1 725 00
5. Desks—Horder's, Incorporated	72 00
6. Davenports and Chairs—Marshall Field & Company	244 25
7. Rest Room Furniture—Newton-Hoit Furniture Company	470 10
8. Mirrors—Pittsburgh Plate Glass Company	1 846 00
9. Stands—Newton Hoit Furniture Company	15 60
10. Draperies—Newton Hoit Furniture Company	295 00
11. Window Shades—Marshall Field & Company	809 00

On motion of Mrs. Plumb, the contracts were awarded to the low bidders as recommended above.

At this point Dr. Meyer left the meeting.

STATUS OF EXPENDITURES ON MEDICAL AND DENTAL BUILDING

(21) The Director of the Physical Plant Department reports that as of June 30, 1937, there was an unencumbered balance of \$41,000 in the fund for the construction of the second unit of the Medical and Dental College Laboratories Building. The Public Works Administration requested payment of the interest on the bonds from this fund, it being stipulated in the indenture that interest due prior to the completion date must be paid from the construction fund. This payment of \$21,856.37 has since been made and has reduced the balance to approximately \$20,000. There are in process, or contemplated, expenditures totaling approximately \$28,500, which would have left a contingent fund of approximately \$12,000, if it had not been necessary to pay the interest on the bonds from the construction fund.

The Comptroller has suggested a method which would make funds available for these expenditures in the University of Illinois Foundation "Revenue Fund" in an amount equal to that paid from the construction fund. Accordingly he and the Director of the Physical Plant Department recommend that:

(1) The payment of operation and maintenance expenditures on the second unit, not to exceed \$21,856.37, from the Foundation Revenue Fund be authorized;

(2) The Physical Plant Department operation and maintenance appropriation be reduced by this same amount;

(3) An appropriation of this amount be made from the General Reserve Fund for improvements and equipment in the second unit of the Medical and Dental College Laboratories Building.

On motion of Mr. Moschel, this payment and adjustment were

authorized and the appropriation made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

EXTENSION OF CONTRACT PERIOD IN CONSTRUCTION OF MEDICAL AND DENTAL BUILDING

(22) On May 13 the Board of Trustees adopted a resolution requesting an extension of time for the completion of the second unit of the Medical and Dental College Laboratories Building from May 1 to July 15, 1937. Immediately following that action, it became apparent that conditions had changed to such an extent that a still further extension would be necessary; consequently, the certification of the Board's action to the Public Works Administration was withheld until the general contractor was able to commit himself on a completion date.

During the past several weeks there have been continued delays resulting from strikes and the inability of the contractors to obtain workmen. The Director of the Physical Plant Department, therefore, recommends an extension of the contract period to September 1, 1937, and the following resolution is offered in which are listed the causes for the delay appearing in the resolution of May 13, as well as those which have developed since that date:

Whereas, The second unit of the Medical and Dental College Building, in process of erection as Illinois Public Works Administration Project No. 1057, could not be completed on or before May 1, 1937, in conformity with the stipulations of the contracts (as modified by a previous extension of time from December 15, 1936, to May 1, 1937) with the United States, acting through the Federal Emergency Administration of Public Works, for the following reasons which have been prepared by the contractors and which have been checked by us and found to be substantially correct:

"(1) Strike at glass factory which resulted in a delay in enclosing the building, and in turn prevented turning on the temporary heat. This naturally slowed up progress on many of the crafts.

"(2) Non-delivery of Holophane fixtures for surgical and autopsy amphitheatre, resulting in delay of all finishing trades in these rooms. This alone has caused a delay of four weeks.

"(3) Inclement weather delaying topping out of tower.

"(4) Delay in securing details on ceiling heights.

"(5) Delay on work in amphitheatres now prevents turning elevators over for completion and the main lobby and entrance for finishing.

"(6) Delay in awarding contract on lighting fixtures, due to the fact that the owner was not advised of changes in P.W.A. regulations."

(7) Delay due to strikes by the plasterers and terrazo workers, and delay in securing painters.

(8) Delay in shipment of special lighting fixtures.

Now therefore be it resolved, by the Board of Trustees of the University of Illinois, that we agree to the request of the contractors for an additional extension of time from May 1 to September 1, 1937; and

Be it further resolved, that we hereby request of and recommend to the United States, acting through the Federal Emergency Administration of Public Works, that an extension of time be granted for the completion of the above described project from May 1 to September 1, 1937, provided that no financial liability to the University shall result from this action.

On motion of Mr. Mayer, this resolution was adopted, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

CHANGE IN HEATING CONTRACT ON MEDICAL AND DENTAL BUILDING

(23) The Director of the Physical Plant Department requests authorization to execute a change order in the heating contract for the Medical and Dental College Laboratories Building which will provide an extra of \$3,496.09 to the contract for furnishing maintenance of the temporary heating system during the construction

period when such was needed. The Public Works Administration has indicated that it will approve this addition to the contract.

On motion of Mrs. Plumb, this authorization was granted.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(24) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved, and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing the following contract change orders on the second unit of the Medical and Dental College Laboratories in process of construction as Illinois Public Works Administration Project No. 1057:

I. General Contract

Change Order No. 37

For changes in Rooms 916 and 917 in accordance with revision drawing No. 62 and sketch dated January 4, 1937, based upon the case and wicket work being of hollow metal with painted finish, add the sum of.....	\$ 822 40
For furnishing and erecting P.W.A. tablet as shown on drawing No. 1056½, in accordance with proposal dated May 6th, 1937, add the sum of.....	187 00
	<hr/> \$1 009 40
For omitting one coat of Lithophone on Acoustone ceilings in corridors and lobbies, in accordance with proposal dated April 21st, deduct the sum of.....	111 00
<i>Total Addition</i>	<hr/> \$ 898 40

Change Order No. 38

For providing 172 openings, 12" x 15", in metal pan construction to permit passage of plumbing pipes at dental units, at \$1.50 each	\$ 258 00
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II. Heating Contract

Change Order No. 13

For changes in Heating Work in Rooms 916 and 917 as shown on revision drawing No. 62, in accordance with proposal dated November 20, 1936, add the sum of.....	\$ 14 96
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III. Electrical Contract

Change Order No. 13

For changes in Electric Wiring Work in Rooms 916 and 917 as shown on revision drawing No. 62, in accordance with revised proposal dated November 23, 1936, add the sum of.....	\$ 69 66
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Change Order No. 15

Air-conditioning Surgical Amphitheatre No. 412—Drawing No. 61: Furnish material and labor required to wire to and connect a 25 HP refrigerator compressor motor and a 5 HP air washer circulating pump motor and a vapor-proof light outlet in air washer. All work to be in accordance with specification letter of October 29, 1936, and Drawing No. 61. Add the sum of.....	\$ 511 89
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IV. Plumbing Contract

Change Order No. 19

For the omission of all sheet metal service boxes for dental units thru-out the building, deduct the sum of.....	\$ 502 65
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Change Order No. 21

Air-conditioning Surgical Amphitheatre Room No. 412—Drawing No. 61: Cutting in 4" opening in present 4" waste at south wall of basement near column No. C-9 to install 4" trap and open	
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waste as shown; cutting in 2" vent opening in 3" vent west of column No. D-8 first floor and installing vent for the 4" trap in basement as shown; installing a 4" x 2" tee with 2" valve only in present 4" unfiltered cold water line at basement ceiling north of column No. D-9 as shown; and cutting in a 3/4" valved opening only in present 2" filtered water line at basement ceiling west of column No. D-8; including the necessary cutting and patching of walls and floors, and the necessary painting, for plumbing work, but not including pipe covering or insulation. Add the sum of..... \$ 230 00

V. Heating Contract

Change Order No. 15

Air-conditioning Surgical Amphitheatre Room No. 412—Drawing No. 61: Air-conditioning heater erection and connection. Temperature control as specified (air risers for same are now roughed-in). Connections for "Nesbitt" Air-Conditioning Heaters (Control connections). "York" equipment and refrigeration machinery with control. Furnish and install 3" cork covering on all work as specified including water circulating pump. Furnish and install Instantaneous Water Heater. Furnish and install water piping. Receive and connect air-washer circulating pump. All work to be installed in accordance with specification letters of October 29 and November 2, 1936, and Drawing No. 61. Add the sum of..... \$7 315 00

VI. Ventilating Contract

Change Order No. 8

Air-conditioning Surgical Amphitheatre Room No. 412—Drawing No. 61:

1 Class 800 Special Sirocco Air Washer 9'0" long and approximately 2'8" wide by 4'6" high, complete with two banks of spray nozzles, galvanized iron casing, eliminators, interior piping, concrete base, etc., as specified.

1 DL-2" Chicago Pump Company double suction, single stage, horizontally split shell pump with direct connected 5 H.P. 3 phase, 60 cycle, 220 volt, 1750 R.P.M. motor. Capacity of this pump 90 gallons per minute at 100' head.

1 Section No. L-737 Nesbit Heating Surface.

2 Sections No. M-735 Nesbit Heating Surface.

Cover air-washer and casing with 1" thick corkboard, applied with hot pitch, finished off with 1/4" asbestos cement and a canvas jacket, also 2" thick cork between air washer and concrete base as specified.

Work shall be complete in every detail and shall be in accordance with drawing No. 61 and specification letter of October 29, 1936.

Add the sum of..... \$1 892 00

On motion of Mr. Moschel, this resolution was adopted, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

WAGES OF PHYSICAL PLANT EMPLOYEES

(25) Last February the janitors of the Physical Plant Department submitted a petition for an increase in their wages from the present scale of 49 cents per hour for day work and 53 1/2 cents per hour for night work to 60 cents per hour, or a fixed minimum monthly wage of \$140, to become effective with the beginning of the bi-

ennium 1937-1939. Copies of this petition were sent by the petitioners directly to the members of the Board of Trustees.

This matter was referred to the Committee on Wages for its study and conference with representatives of the employees. The Committee has also studied the effect of this increase upon other labor groups in the University. As a result of its study the Committee recommends that:

(1) The wages of janitors be increased from the present scale of 49 cents and 53½ cents per hour to 56 cents per hour;

(2) The wages of ground employees be increased from 49 cents to 53 cents per hour;

(3) The wages of truck drivers be increased from 50 cents per hour to 58 cents; and

(4) The wages of student janitors be increased from 30 cents to 35 cents per hour.

The proposed scale of wages for janitors will result in an average monthly wage of \$116 for regular month time and \$125 per month when overtime work is available. The present average monthly earnings of these employees is \$106.

Messrs. J. T. Hill, Art Smith, and P. W. Cruikshank, representing the petitioning employees, appeared at the meeting and presented statements in support of their request.

On motion of Mr. Cleary, the wage scales as recommended were authorized; Mrs. Plumb voted "No" on this motion.

The Board suspended consideration of business presented by the President of the University, to receive and act upon the following reports from its committees.

UNIVERSITY AUDITORIUM

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

In view of the reports from Frank D. Chase, Consulting Engineer, retained to advise upon the structural condition of the University Auditorium, and the Physical Plant Department, the Committee has the following recommendations concerning repairs and remodeling of the Auditorium:

1. That the building remain closed until the structural condition be rendered safe for occupancy and the fire hazard reduced materially. In order to accomplish this it will be necessary to (a) make structural changes and repairs to roof, balcony and ceiling, (b) replace knob and tube wiring, (c) replace acoustical material, and (d) reduce curvature of ceiling.

The above is a minimum program and does not include such desirable improvements as replacement of seats, organ, heating and ventilating system, floor, etc.

2. That plans and estimates to accomplish this be prepared and submitted to the Board in order that the building may be reopened as soon as possible.

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

IMPROVEMENT OF GREEN STREET

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

The Committee recommends the realignment of Green Street at the intersections with Mathews Avenue and with Wright Street, in accordance with plans prepared by Professor C. C. Wiley of the Department of Civil Engineering, and that the Physical Plant Department be authorized to secure bids on this improvement.

On motion of Mr. Mayer, these recommendations were adopted and an appropriation of \$5,500, or so much thereof as may be necessary, was made from the General Reserve Fund to cover the cost of this improvement, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Mayer, for the Finance Committee, presented the following statement from the Comptroller of the sales and purchases of securities for endowment funds in accordance with the authorization of the Board on June 9, 1937 (Minutes, pages 292 and 293), to sell a number of items of low yields and to purchase a number of other items selected by the Committee.

GROUP INVESTMENT SALES					
<i>Par</i>	<i>Description</i>	<i>Price at which sold</i>	<i>Book value at time of sale</i>	<i>Amount realized from sale</i>	<i>Net profit or loss</i>
\$ 3 000	U. S. Treasury 3½%, 1944-46.....	106½	\$3 110 88	\$3 190 31	\$ 79 43
\$ 2 000	Southwestern Bell Telephone 3½%, 1964.....	105	2 157 15	2 100 00	57 15*
\$ 5 000	Duquesne Light Company First 3½%, 1965.....	104½	5 332 31	5 225 00	107 31*
\$10 000	U. S. Treasury 3%, 1938..	101½	10 045 53	10 187 50	141 97
\$ 8 500	U. S. Treasury 4%, 1944-54.....	111½	9 685 90	9 472 19	213 71*
\$ 5 000	Niagara Falls Power 3½%, 1966.....	103½	5 358 33	5 168 75	189 58*
\$33 500	<i>Total</i>		\$35 690 10	\$35 343 75	\$346 35*

*Net loss.

GROUP INVESTMENT PURCHASES				
<i>Par</i>	<i>Description</i>	<i>Price at which purchased</i>	<i>Yield</i>	<i>Book value</i>
\$ 7 300	Indianapolis Power & Light Company, First A 5%, 1957.....	106	4.53	\$7 738 00
\$10 000	Pennsylvania Power & Light Company, First 4½%.....	100½	4.6	10 050 00
\$ 5 000	Goodyear Tire and Rubber Company, First and Collateral 5%.....	104¾	4.65	5 237 50
\$ 5 000	Texas Power and Light, First and Refunding 5%.....	105¼	4.58	5 262 50
\$ 4 000	Texas Power and Light, First and Refunding 5%, 1956.....	104¼	4.6	4 041 80
\$31 300	<i>Total</i>			\$32 329 80

On the sale of \$33,500 of low yield securities there was a net loss of \$346.35. This loss has been charged to the reserve for gains and losses on investments in which account there was on June 30, 1937, a balance of \$7,682.62. The average yield on the securities disposed of was 2.64%. The average yield on the securities purchased is 4.5%. These yields may be reduced through the call of some of these securities before their maturity but it is obvious that the income situation has materially improved by this shift.

On motion of Mr. Mayer, this action was approved.

INVESTMENT COUNSEL

Mr. Mayer, for the Finance Committee, also presented the following report:

Pursuant to the authorization of the Board of Trustees on June 9, 1937 (Minutes, page 292), the Finance Committee has arranged with the First National Bank of Chicago for investment counsel services covering the sale and purchase of securities representing investments of endowment funds, for one year beginning July 1, 1937. The fee charged by the Bank will depend upon the total amount of securities pur-

chased and sold but in any case will not exceed \$1,000 for the year and will cover also the cost of safekeeping of securities.

This report was received for record.

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

NON-RECURRING APPROPRIATIONS FOR SPECIAL EQUIPMENT AND IMPROVEMENTS

(26) The budget for 1937-1938 will include a list of appropriations for special equipment, minor improvements, and other non-recurring expenditures. Provision should be made for certain of these items at this meeting in order that the work may get under way. Accordingly I recommend that the following assignments be made:

Finishing dormitories and remodeling bath in Davenport House...	\$ 3 000
Minor improvements (as per detailed list submitted herewith, a copy of which is given to the Secretary of the Board for record)	10 000
<i>Total</i>	<i>\$13 000</i>

These are two items in a list recommended by the Faculty Committee on Special Appropriations and Non-Recurring Expenditures in its recent report of the items which should be taken care of during the year 1937-1938 if at all possible. Recommendations concerning other items will be presented to the Board when the new budget has been made up.

On motion of Mr. Moschel this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

RECOMMENDATIONS FROM THE UNIVERSITY COUNCIL CONCERNING BUILDING PROGRAM

(27) The University Council of Deans and Directors, which under the Statutes of the University advises the President on budgetary matters, at a meeting held on July 13 voted to make the following recommendations to the Board of Trustees:

1. That the Board formally request the Governor to include in the call he may issue for any appropriate special session of the General Assembly provision for the consideration of supplementary appropriations to the University for the biennium of 1937-1939 and particularly appropriations for buildings and other permanent improvements.

2. That in making up the annual budgets for 1937-1938 and 1938-1939 no part of the Revolving Fund appropriated by the 60th General Assembly be diverted to the construction of the addition to the Library, the Agricultural Laboratory Building and remodeling of old quarters, and the new unit for Chemistry, for which the 60th General Assembly made appropriations but which were subsequently vetoed. In the preparation of the biennial budget the estimated income from student fees and all other sources represented in the Revolving Fund was allocated to the various items of expense in the operating budget. Any use of the Revolving Fund for a building program would require a revision of the entire budget and would still further impair the University's educational and scientific program.

On motion of Mr. Moschel, the President of the University was requested to prepare for consideration by the Board at its next meeting a formal resolution based upon these recommendations and including a presentation of the essential data in support thereof.

TIME OF AUGUST MEETING

By unanimous consent the next meeting of the Board was set for 9:00 a.m. (Chicago Daylight Saving Time), Monday, August 2, 1937, at the Blackstone Hotel, in Chicago. At this meeting the annual budget for 1937-1938 will be presented for consideration.

LABORATORY AND SPECIAL FEES IN THE URBANA DEPARTMENTS FOR 1937-1938

(28) A recommendation that the following schedule of laboratory and special fees in the Urbana Departments for 1937-1938 be approved. This schedule represents a revision of the laboratory fees in the various courses in which such fees are charged with a view to adjusting them to cover the cost of materials and such utilities as gas, electricity, water, steam, compressed air, liquid air, etc., which are used in laboratory instruction.

On motion of Mr. Mayer, this schedule of fees was approved.

Agricultural Economics I.....	\$ 50	Bacteriology 107 (per unit, minimum fee \$5.00).....	5 00
Agricultural Engineering I.....	1 00	Botany 1b.....	1 50
Agricultural Engineering 3.....	2 00	Botany 2.....	1 50
Agricultural Engineering 20.....	1 50	Botany 3.....	2 00
Agricultural Engineering 21.....	2 00	Botany 5.....	1 00
Agricultural Engineering 28.....	2 50	Botany 6.....	1 00
Agricultural Engineering 51.....	8 00 ¹	Botany 7.....	1 00
Agronomy 25.....	2 00	Botany 12.....	1 50
Agronomy 28.....	3 00	Botany 13.....	1 50
Agronomy 31.....	2 50	Botany 20 (3 hours credit).....	1 00
Agronomy 32.....	2 00	Botany 20 (5 hours credit).....	2 00
Agronomy 33.....	4 00	Botany 33 (5 hours credit).....	1 00
Animal Husbandry 119.....	5 00	Botany 34 (5 hours credit).....	1 00
Animal Husbandry 120.....	2 00	Botany 41.....	1 50
Animal Husbandry 121.....	3 00	Botany 43.....	1 50
Architecture 37.....	1 00	Botany 44.....	1 50
Architecture 38.....	1 00	Botany 45 (3 hours credit).....	2 00
Architecture 104.....	1 00	Botany 45 (5 hours credit).....	3 00
Art 24a.....	2 50	Botany 46.....	1 00
Art 24b.....	2 50	Botany 60.....	1 00
Art 25.....	1 50	Botany 72 (per hour).....	50
Art 26.....	1 50	Botany 79 (per hour).....	50
Art 27.....	6 00	Botany 120 (per unit).....	3 00
Art 28.....	6 00	Botany 130 (per unit).....	3 00
Art 29.....	6 00	Botany 170 (per unit).....	3 00
Art 29a (3 hours credit).....	4 00	Botany 180 (per unit).....	2 00
Art 30.....	6 00	B.O.O. 12a.....	5 00
Art 30a (3 hours credit).....	4 00	B.O.O. 12b.....	5 00
Art 33a (3 hours credit).....	1 50	Ceramics 4.....	5 00
Art 33b (3 hours credit).....	1 50	Ceramics 5.....	9 00
Art 34a (3 hours credit).....	1 50	Ceramics 14.....	11 50
Art 34b (3 hours credit).....	1 50	Ceramics 17.....	10 00
Art 37a (2 hours credit).....	2 50	Ceramics 18.....	2 00
Art 37b (2 hours credit).....	2 50	Ceramics 103 (per ½ unit, maximum \$12.50).....	2 50
Art 47.....	6 00	Ceramics 106 (per ½ unit, maximum \$12.50).....	2 50
Art 48.....	6 00	Chemistry 1.....	8 00
Art 51a.....	2 50	Chemistry 2.....	5 00
Art 51b.....	2 50	Chemistry 3.....	6 00
Art 52a.....	2 50	Chemistry 4.....	10 00
Art 52b.....	2 50	Chemistry 5.....	10 00
Bacteriology 5b.....	5 00	Chemistry 6.....	10 00
Bacteriology 7 (per credit hour).....	1 50	Chemistry 7.....	6 00
Bacteriology 8.....	5 50	Chemistry 10.....	12 50
Bacteriology 20.....	5 00	Chemistry 16a.....	7 50
Bacteriology 26.....	5 50	Chemistry 22.....	12 50

¹To be charged unless instructor certifies student is not using materials in his testing work.

Chemistry 23b.....	12 50	Dairy Husbandry 10.....	3 00
Chemistry 24.....	12 50	Dairy Husbandry 12.....	3 00
Chemistry 27.....	15 00	Dairy Husbandry 14.....	2 00
Chemistry 29b.....	12 50	Dairy Husbandry 22.....	2 00
Chemistry 32.....	10 00	Dairy Husbandry 24b.....	2 00
Chemistry 33.....	15 00	Electrical Engineering 48.....	1 00
Chemistry 34a.....	15 00	Electrical Engineering 51.....	2 00
Chemistry 37b.....	15 00	Electrical Engineering 52.....	2 00
Chemistry 38a.....	18 00	Electrical Engineering 57.....	1 00
Chemistry 41.....	7 50	Electrical Engineering 61.....	2 00
Chemistry 43.....	7 50	Electrical Engineering 62.....	2 00
Chemistry 47.....	7 50	Electrical Engineering 64.....	2 00
Chemistry 50a.....	18 00	Electrical Engineering 65.....	2 00
Chemistry 51b.....	12 50	Electrical Engineering 75.....	2 00
Chemistry 60a.....	15 00	Electrical Engineering 76.....	2 00
Chemistry 61a-61b (per sem.).....	10 00	Electrical Engineering 84.....	2 00
Chemistry 74b.....	6 00	Electrical Engineering 85.....	2 00
Chemistry 90a-90b (per lab. hr. per sem.).....	2 50	Electrical Engineering 86.....	2 00
Chemistry 91b.....	3 00	Electrical Engineering 89.....	2 00
Chemistry 102a-102b (per $\frac{1}{4}$ unit).....	2 50	English (see Speech)	
Chemistry 123c (per $\frac{1}{4}$ unit).....	2 50	Entomology 1.....	1 50
Chemistry 124d (per $\frac{1}{4}$ unit).....	2 50	Entomology 3.....	2 50
Chemistry 126c (per $\frac{1}{4}$ unit).....	2 50	Entomology 4.....	3 00
Chemistry 127c-127d (per $\frac{1}{4}$ unit).....	2 50	Entomology 6 (per credit hour).....	30
Chemistry 134 (per $\frac{1}{4}$ unit).....	3 00	Entomology 7a.....	2 00
Chemistry 152b (per $\frac{1}{4}$ unit).....	2 50	Entomology 7b.....	2 00
Chemistry 190a-190b:		Entomology 8b.....	1 50
(1) If unit value is given (per $\frac{1}{4}$ unit, maximum \$12.50).....	2 50	Entomology 8c.....	1 50
(2) If unit value is not given (second and third year graduate students).....	12 50	Entomology 9.....	2 00
Civil Engineering 1.....	1 00	Entomology 10a.....	1 50
Civil Engineering 2.....	50	Entomology 10b.....	1 50
Civil Engineering 3.....	1 00	Entomology 20.....	4 00
Civil Engineering 15.....	1 00	Entomology 22.....	4 00
Civil Engineering 16.....	50	Entomology 31.....	1 50 ^a
Civil Engineering 17.....	50	Entomology 100 (per unit).....	1 50
Civil Engineering 18.....	1 00	Entomology 107.....	2 00
Civil Engineering 19.....	50	French 25.....	50
Civil Engineering 22.....	1 00	G. E. D. 1.....	1 00
Civil Engineering 30.....	2 00	G. E. D. 2.....	1 00
Civil Engineering 31.....	1 50	G. E. D. 4.....	1 00
Civil Engineering 35.....	2 00	G. E. D. 6.....	1 00
Civil Engineering 40.....	50	G. E. D. 7.....	1 00
Civil Engineering 41.....	50	G. E. D. 8.....	1 00
Civil Engineering 42.....	1 00	G. E. D. 10.....	1 00
Civil Engineering 62.....	1 50	Geology 1a.....	50
Civil Engineering 64.....	1 00	Geology 20.....	2 00
Civil Engineering 65.....	1 50	Geology 44.....	50
Civil Engineering 86.....	1 50	Geology 49.....	1 00
Civil Engineering 87.....	1 00	Home Economics 5.....	3 50
Civil Engineering 91.....	1 00	Home Economics 7.....	2 00
Dairy Husbandry 1.....	3 00	Home Economics 14.....	16 00
Dairy Husbandry 4.....	3 00	Home Economics 19.....	50
Dairy Husbandry 5.....	3 00	Home Economics 30.....	50
Dairy Husbandry 7.....	3 00	Home Economics 33.....	3 00
Dairy Husbandry 8.....	2 00	Home Economics 35.....	5 00
Dairy Husbandry 9.....	2 00	Home Economics 41.....	12 50

^aTo be charged unless student is registering for lecture only.

Home Economics 43a.....	2 50	Landscape Architecture 54.....	2 00
Home Economics 43b.....	2 50	Law courses for students of colleges other than Law (per hour).....	1 00
Home Economics 45.....	1 00	Locker fee (see Physical Education)	
Home Economics 50.....	1 00	Mechanical Engineering 21.....	2 50 ¹
Home Economics 51.....	3 00	Mechanical Engineering 61.....	4 50
Home Economics 58.....	7 00	Mechanical Engineering 62.....	2 50
Home Economics 59.....	4 00	Mechanical Engineering 64.....	7 00
Home Economics 61.....	2 50	Mechanical Engineering 65.....	7 00
Home Economics 62.....	10 00	Mechanical Engineering 85.....	4 00
Home Economics 102 (per ¼ unit)	2 50	Mechanical Engineering 87.....	4 00
Home Economics 104.....	10 00	Mechanical Engineering 88.....	4 00
Horticulture 1.....	1 00	Mechanical Engineering 89.....	5 00
Horticulture 2.....	1 00	Metallurgical Engineering 3.....	7 50
Horticulture 3.....	2 00	Metallurgical Engineering 8.....	7 00
Horticulture 5.....	2 50	Metallurgical Engineering 10.....	6 00
Horticulture 6a.....	2 00	Metallurgical Engineering 11.....	4 00
Horticulture 6b.....	2 00	Metallurgical Engineering 12.....	7 00
Horticulture 7.....	1 50	Metallurgical Engineering 13.....	3 50
Horticulture 8a.....	1 00	Mining Engineering 9.....	2 50
Horticulture 8b.....	1 00	Mining Engineering 20.....	1 00
Horticulture 9.....	1 00	Mining Engineering 61.....	1 00
Horticulture 15a.....	2 00	Mining Engineering 62.....	1 00
Horticulture 15b.....	2 00	Mining Engineering 64.....	4 50
Horticulture 15c.....	2 00	Music (for each two-hours of credit in courses in applied music num- bers 42a to 47b; 52a to 57b; 62a to 67b; 72a to 77b; 82a to 87b; 92a to 97d, inclusive) taken by students not enrolled in the cur- riculum in Music.....	25 00
Horticulture 30.....	2 00	Physical Education, <i>any course</i> : As- sess each person, man or woman, each semester, in addition to labo- ratory fees as indicated below (ex- cept P.E. for Men 46 and 48), a locker fee of.....	1 00
Horticulture 32a.....	2 50	Physical Education for Men 1....	1 00
Horticulture 32b.....	2 50	Physical Education for Men 2....	1 00
Horticulture 33.....	1 00	Physical Education for Men 4....	1 00
Horticulture 34.....	2 00	Physical Education for Men 5....	1 00
Horticulture 49.....	2 00	Physical Education for Men 6....	1 00
Horticulture 51.....	1 50	Physical Education for Men 7....	1 00
Horticulture 53.....	1 00	Physical Education for Men 8....	1 00
Journalism 5.....	2 00	Physical Education for Men 10....	1 00
Journalism 6.....	2 00	Physical Education for Men 11....	1 00
Journalism 9a.....	1 00	Physical Education for Men 12....	1 00
Journalism 9b.....	1 00	Physical Education for Men 14....	1 00
Journalism 13.....	1 00	Physical Education for Men 15....	1 00
Journalism 14.....	1 00	Physical Education for Men 17....	1 00
Journalism 15.....	1 00	Physical Education for Men 34....	2 50
Journalism 16.....	1 00	Physical Education for Men 43....	2 50
Journalism S23.....	2 00	Physical Education for Men 48....	5 00
Journalism 25.....	2 00	Physical Education for Women 60 (Sections L2 and M).....	5 00
Journalism 26.....	2 00		
Journalism 29.....	1 00		
Journalism 30.....	1 00		
Journalism 33.....	1 00		
Journalism 34.....	1 00		
Landscape Architecture 31.....	2 00		
Landscape Architecture 32.....	2 00		
Landscape Architecture 33.....	2 00		
Landscape Architecture 34.....	2 00		
Landscape Architecture 35.....	2 00		
Landscape Architecture 36.....	2 00		
Landscape Architecture 43.....	2 00		
Landscape Architecture 44.....	2 00		
Landscape Architecture 51.....	50		
Landscape Architecture 52.....	50		
Landscape Architecture 53.....	2 00		

¹To be charged unless instructor certifies student is not using materials in his testing work.

Physical Education for Women 73 (Sections B, C, and P).....	3 00	Railway Engineering 8.....	4 00
Physical Education for Women 73 (Sections G2 and R).....	10 00	Railway Engineering 62.....	3 50
Physics 3a.....	3 00	Spanish 25.....	50
Physics 3b.....	3 00	Speech 11.....	5 00
Physics 8a.....	3 00	T. & A. M. 63.....	2 50
Physics 8b.....	3 00	T. & A. M. 64.....	1 50
Physics 15.....	1 50	University High School:	
Physics 17.....	1 50	Solid Geometry	
Physics 44a.....	4 50	Advanced Algebra	
Physics 44b.....	4 50	Trigonometry	
Physics 46.....	3 00	(Per ½ unit, maximum \$25).....	10 00
Physics 61.....	1 50	Zoology 1.....	3 50
Physics 72a.....	1 50	Zoology 2.....	4 00
Physics 72b.....	1 50	Zoology 3.....	4 00
Physics 73.....	10 00	Zoology 4.....	3 00
Physics 97.....	3 00	Zoology 6.....	4 00
Physics 98.....	3 00	Zoology 9 (per credit hour).....	50
Physics 131a.....	10 00	Zoology 10 ³	1 00
Physics 173.....	10 00	Zoology 11 (per credit hour).....	50
Physiology 1a.....	2 50	Zoology 16.....	1 00
Physiology 3a.....	2 50	Zoology 17 (per credit hour).....	50
Physiology 3b.....	2 50	Zoology 18 (per credit hour).....	1 00
Physiology 5.....	3 50	Zoology 22.....	4 00
Physiology 6.....	5 00	Zoology 23 (per credit hour).....	1 00
Physiology 7.....	5 00	Zoology 25 (per credit hour).....	1 00
Physiology 102.....	3 50	Zoology 31.....	2 00
Physiology 103.....	3 50	Zoology 63.....	4 00
Psychology 3.....	1 00	Zoology 66.....	4 00
Railway Engineering 5.....	1 00	Zoology 74.....	2 50

*Also applies to students in other courses taking Easter vacation trip as assignment.

LABORATORY FEES IN PHYSICS

(29) A recommendation for the authorization of a laboratory fee of \$10.00 in Physics S73, a Summer Session course in Elementary Photography which is being offered during the 1937 Summer Session.

On motion of Mr. Mayer, this fee was authorized.

UNIVERSITY COMMITTEE ON ACCOUNTANCY HEARING

(30) A request from the University Committee on Accountancy that it be authorized to set the time and place for a hearing on the formal complaint of the Illinois Society of Certified Public Accountants against Paysoff Tinkoff, holder of Illinois Certified Public Accountant Certificate No. 466, issued in 1923, to make a finding of the facts and to submit its conclusions and recommendations to the Board of Trustees for final action. The formal complaint is presented herewith and is hereby given to the Secretary of the Board for record.

On motion of Mrs. Plumb, the Committee on Accountancy was authorized and directed to conduct this hearing and to submit a report and recommendation to the Board.

AMENDMENT OF CONSTITUTION OF THE UNIVERSITY OF ILLINOIS FOUNDATION

(31) At its annual meeting on June 12, 1937, the Board of Directors of the University of Illinois Foundation voted to increase the membership of the Board from twelve to eighteen and it respectfully requests the concurrence of the Board of Trustees in this change.

On motion of Mr. Mayer, the Board concurred in this amendment.

AUDIT OF ACCOUNTS OF UNIVERSITY OF ILLINOIS FOUNDATION

(32) The Directors of the University of Illinois Foundation request the Board of Trustees of the University to have its auditors, Arthur Andersen & Co., make the audit of the Foundation accounts for the fiscal year July 1, 1936, to June 30, 1937, because a number of the fiscal transactions relate to the Medical and Dental College Building Trust.

On motion of Mr. Adams, this request was approved and the payment of the fee for the additional services out of University funds was authorized, since a large part of the accounts to be audited are those relating to the Medical and Dental College Building Trust.

ASSIGNMENT OF FUNDS FROM BUSWELL PATENTS

(33) At its meeting on June 9 the Board referred to the Faculty Committee on Patents for recommendation the question of the disposal of the \$4,000 received by the University from the Pacific Flush Tank Company for the Buswell patents. The Committee recommends that these funds be assigned to the Graduate School for research work in colloid chemistry. I concur in the Committee's recommendation.

On motion of Mrs. Plumb, this assignment was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

**RELEASE OF DEVICE FOR DETERMINING CARBON DIOXIDE
CONTENT OF GASEOUS MIXTURES**

(34) Professors A. M. Buswell and W. H. Rodebush of the Department of Chemistry have discovered a device or method for determining the carbon dioxide content of gaseous mixtures. The discovery having reached a patentable stage (unless prior patents preclude), it was brought to the attention of the Faculty Committee on Patents for consideration. The Committee has reached the conclusion that the discovery should be released to the inventors because whatever commercial value it might have can be determined only after some developments involving substantial outlays of money and rather severe competition with existing arts. The Committee is of the opinion that no public interest is involved to any such degree as to require control of the discovery for the protection of the public at large.

I concur in the recommendation of the Committee that the discovery be released unconditionally to the inventors.

On motion of Mr. Adams, this discovery was released, as recommended.

**PATENT ON IMPROVEMENT IN PROCESSES FOR REMOVING
AND RECOVERING SULPHUR DIOXIDE FROM
WASTE GASES—CASE 3**

(35) A report that the Secretary of the Board has received original United States Patent No. 2,082,006, for improvement in Processes for Removing and Recovering Sulphur Dioxide from Waste Gases, issued June 1, 1937, to the Board of Trustees of the University of Illinois, as assignee of Henry F. Johnstone, on his application, Case 3.

This report was received for record.

PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(36) The University Committee on Accident Compensation for Employees has submitted a list of three accident compensation claims involving University employees, totaling \$37.50, which it recommends be paid from the University funds as in the case of certain similar payments.

A copy of the Committee's report with a list of the cases is being given to the Secretary of the Board for record.

All of these cases have been reviewed by the Committee and none involves permanent disability. Provision for such payments has been made in the budget for the year 1936-1937.

On motion of Mr. Cleary, these payments were authorized.

PURCHASES RECOMMENDED

(37) A recommendation that the following purchases be authorized:

1. Equipment for Department of Dairy Husbandry: one 200-gallon vat for pasteurizing milk, one motor-driven water circulator, and one automatic control for pasteurizer, from the Creamery Package Manufacturing Company, Chicago, at a total price of \$1,143.48 f.o.b. Urbana.
2. Uniforms and equipment for advanced course R.O.T.C. students from the Associated Military Stores, Chicago, the low bidder, at a price of \$36 per outfit.
3. Pyrex Laboratory Glassware, 103 cases, for the General Chemical Storeroom, from Schaar and Company, Chicago, at a cost of approximately \$2,075.00.
4. Equipment and supplies for use of students in the College of Dentistry (as per detailed list, a copy of which is being given to the Secretary of the Board) from the S. S. White Dental Manufacturing Company, \$788.37, and from the C. L. Frame Dental Supply Company, \$749.97.
5. Equipment for use of students in the College of Dentistry from the Precision Metal Workers at a price of \$5,688.50:

90 Bench Clamp and Swivel Assemblies @ \$17.35.....	\$1 561 50
180 Operative Heads @ \$11.60.....	2 088 00
90 Therapeutic Heads @ \$18.90.....	1 701 00
90 Chair Mountings @ \$4.20.....	338 00
<i>Total</i>	<u>\$5 688 50</u>

6. One hundred and thirty No. 4 Doriot Handpieces for Dental Supply Room from the Dental Specialties Company, the low bidder, at a price of \$1,690.

7. Cement, 450 barrels in paper sacks, from the Alpha Coal and Materials Company, Champaign, the low bidder, at a price of \$2.48 per barrel less 10 cents for immediate payment.

8. 150 to 200 tons best quality baled lespedeza hay, for the Department of Dairy Husbandry, from Trimble Brothers, Trimble, Illinois, at a price of \$15.00 per ton at the farm.

9. Lumber, consisting of select merchantable kiln dried Douglas Fir Flooring, Shiplap, and Ceiling, from Wm. C. Schreiber Lumber Company, the low bidder, at a price of \$1,182.00.

On motion of Mrs. Plumb, these purchases were authorized as recommended.

PURCHASES AUTHORIZED

(38) A report of the following emergency purchases, amounting to \$1,000 or over, authorized by the President of the University under the Statutes:

1. Canned fruits and vegetables for the residence halls, McKinley Hospital, and Home Economics Cafeteria, covering the requirements for the year 1937-1938:

Calumet Tea & Coffee Company, Chicago.....	\$ 544 50
Campbell Holton and Company, Bloomington.....	1 071 09
George S. Daugherty Company, Chicago.....	174 90
Durand-McNeil-Horner Company, Chicago.....	186 61
Hegenbart Company, Champaign.....	1 206 75
H. J. Heinz Company, Indianapolis, Indiana.....	13 40
J. C. Perry and Company, Indianapolis, Indiana.....	612 25
Oakford and Fahnestock, Peoria, Illinois.....	219 47
B. A. Railton Company, Chicago.....	216 48
John Sexton and Company, Chicago.....	3 23
Sprague, Warner and Company, Chicago.....	516 76
Steele Wedeles Company, Chicago.....	2 404 46
<i>Total</i>	<u>\$7 169 90</u>

2. 1300 bushels wheat for grain storage investigation from Theiss Brothers, St. Louis, Missouri, at a price of \$1.19 per bushel f.o.b. St. Louis, total \$1,547.00.

3. Four hundred dozen gymnasium towels (19 x 38 name-woven) from Marshall Field and Company, Chicago, at a price of \$1,472.00.

4. Twenty-two electric refrigerators for the Colleges of Medicine and Dentistry

from the Sampson Electric Company, the low bidder, at a total cost of \$4,827.84.

5. For Dental Supply Room, 45 sets of 46 instruments each Stainless Steel Dental Instruments, and 86 No. 4A Cone Socket Handles, Tool Steel, from the Fara Manufacturing Company at a total cost of \$1,413.84.

6. For Dental Supply Room, 75 S. S. White No. 7 Hand pieces with flexible shaft from S. S. White Dental Manufacturing Company at a price of \$1,462.50.

7. One complete set of crawler shoes and link pins for K 25 Link Belt crawler crane from the Link Belt Company, Chicago, at a price of \$1,113.60 f.o.b. Chicago.

8. One Jaeger Model 14-DMB concrete mixer on skids with shaker type batch hopper with water regulator, batch-meter, equipped for electric motor drive complete but without motor and starting equipment, from the Jaeger Machine Company, Columbus, Ohio, the low bidder, at a price of \$1,392.00 f.o.b. Columbus.

9. Porcelain Laboratory Ware to be placed in stock in the General Chemical Storeroom for use of various departments during 1937-1938, from E. H. Sargent and Company, Chicago, the low bidder, at a price of \$1,809.45.

10. Chemicals for the General Chemical Storeroom for stock to be issued to various departments as needed:

General Chemical Company, Chicago.....	\$1 625 66
Merck and Company, Rahway, New Jersey.....	360 49
J. T. Baker Chemical Company, Chicago.....	351 23
Coleman and Bell Company, Norwood, Ohio.....	48 75
A. Daigger and Company, Chicago.....	292 72
W. M. Welch Manufacturing Company, Chicago.....	188 61
Schaar and Company, Chicago.....	63 37
Mallinckrodt Chemical Works, St. Louis, Missouri.....	1 900 35
E. H. Sargent and Company, Chicago.....	1 006 87
Arthur S. LaPine and Company, Chicago.....	825 75
Wilkens Anderson Company, Chicago.....	732 16
<i>Total</i>	<u>\$7 395 96</u>

11. Laboratory apparatus and supplies to be placed in stock in the General Chemical Storeroom for use of the various departments during 1937-1938:

E. H. Sargent and Company, Chicago.....	\$ 876 55
Schaar and Company, Chicago.....	705 58
Arthur S. LaPine and Company, Chicago.....	1 369 41
A. Daigger and Company, Chicago.....	971 43
Chicago Apparatus Company, Chicago.....	309 75
Fisher Scientific Company, Pittsburgh, Pa.....	184 00
Wilkens Anderson Company, Chicago.....	216 28
Rascher and Betzold, Chicago.....	3 267 80
Whitall Tatum Company, Philadelphia, Pa.....	104 23
New Method File Grinders, Chicago.....	67 50
Anderson Forrester Company, Denver, Colorado.....	481 00
<i>Total</i>	<u>\$8 553 53</u>

12. Filter paper to be placed in stock in the General Chemical Storeroom for use of the various departments during the coming academic year from E. H. Sargent and Company, Chicago, the low bidder, at a price of \$1,468.92, f.o.b. Urbana.

On motion of Mr. Adams, the action of the President authorizing these expenditures was confirmed.

CONTRACTS AUTHORIZED

(39) A report of the following contracts authorized:

1. Photo-engraving for the year ending June 30, 1938, to Kane Engraving Company of Bloomington, Illinois, the low bidder, at a cash discount of 45 per cent from the photo-engravers' scale plus 2 per cent for payment before the 15th of each following month, the Company to assume all postage and telephone costs.

2. Liquid chlorine for the year ending June 30, 1938, from Electro Bleaching Gas Company, New York City, through its agent, Corray Brothers, Urbana, at a price of 7½¢ per pound.

3. Laundry service for all departments of the University, contract awarded to Hicks Laundry and Dry Cleaning Company, Danville, the low bidder, with the provision that if satisfactory service is not rendered at any time during the two-year period the University shall have the option of terminating the contract on two weeks' notice.

On motion of Mr. Mayer, the action of the President authorizing the execution of these contracts was confirmed.

REPORTING OF CONTRACTS BY THE COMPTROLLER

(40) On April 12, 1924, the Comptroller was instructed to report at each meeting of the Board the substance of all contracts entered into as "minor contracts" since the previous meeting. In making these reports he has included contracts which have previously been authorized by the Board as well as contracts which are of a minor nature authorized by the President and simply reported to the Board. Including all contracts in these reports means that much time at meetings and space in the records is given to the reporting of items which have already had full consideration and authorization by the Board.

I recommend that the Comptroller be instructed to report to the Board only those contracts and purchase orders which have not previously been considered and authorized by the Board.

On motion of Mr. Cleary, the Comptroller was directed to report only items not previously authorized by the Board.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(41) The following reports from the Comptroller and the Secretary of the Board, of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

JUNE 4, 1937, TO JULY 13, 1937

Cooperative agreements authorized by Board of Trustees, June 9, 1937 (Minutes, pages 282 and 283):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Monsanto Chemical Company	Investigation of insecticides	\$4,500.00	June 10, 1937
Association of American Railroads	Investigation of continuous welded rails	20,000.00	June 10, 1937

Cooperative agreements authorized by Board of Trustees, April 14, 1937 (Minutes, page 244):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Corn Products Refining Company	Investigation of value of dextrose in animal feeding	\$2,500.00	April 22, 1937

Agreement as authorized by Board of Trustees, April 14, 1937 (Minutes, page 245):

<i>With whom</i>	<i>For</i>	<i>Consideration</i>	<i>Date</i>
United States Department of Agriculture Resettlement Administration	Temporary cropping agreement covering certain lands in Dixon Springs Area	None	April 28, 1937

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
William Lemna	Commerce	One semester, from February 10, 1937	May 15, 1937
Leighton Cropper	Agriculture	Summer Session, 1937	June 28, 1937

Minor agreements executed under general regulations of Board of Trustees:—

Subleases of land leased from United States Department of Agriculture Resettlement Administration:

<i>With whom</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Fred Anderson	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
A. L. Chester	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Roby Maynor	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Nelson Murphy	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Louis Rushing	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Roy Wise	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
A. L. Robbs	$\frac{1}{2}$ of corn and hay	June 28, 1937

SECRETARY'S REPORT OF CONTRACTS EXECUTED SINCE THE LAST REPORT

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
The Banner Construction Company	June 11, 1937	\$4 995 00	Tennis Courts, Chicago Departments
General Fireproofing Company of Illinois	June 15, 1937	\$93 983 00	Fixed Laboratory Equipment for Medical and Dental College Laboratory
Kewaunee Manufacturing Company, with contract change order reducing the amount to.....	June 15, 1937	\$189 291 77 \$84 788 88	Fixed Laboratory Equipment for Medical and Dental College Laboratory

These reports were received for record.

REPORT OF DEATH BENEFIT PAID

(42) In accordance with the University Statutes and the terms of his employment, the Comptroller has been authorized to pay a death benefit of \$725 to the beneficiary of Dr. Max L. Folk, Assistant Professor of Ophthalmology (one-half time). Doctor Folk was in the service of the University for nine years.

This report was received for record.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(43) A report of the extension of the following agreement for a cooperative investigation, the original agreement having been previously approved by the Board of Trustees:

1. Bureau of Public Roads, United States Department of Agriculture, and State of Illinois Department of Public Works and Buildings, Division of Highways, for cooperative investigation of reinforced concrete slabs. An alteration has been made in this agreement to permit the Federal Bureau and the State Division to pay for the publication of the results of the investigation. This alteration is desirable, as it will relieve the Engineering Experiment Station of the cost of these publications. This extension is for one year from July 1, 1937, and the cooperating agencies have agreed to contribute up to \$10,000 each, to cover the cost of the investigation.

On motion of Mr. Adams, the extension of this agreement was approved.

OFFER OF PROPERTY IN CHICAGO

(44) The Director of the Physical Plant Department reports that the three-story brick apartment building east of the area on which tennis courts are being constructed in Chicago has been offered for sale at approximately \$12,500, which is a reduction from the previous price of \$15,000 placed on this property.

This report was received for record.

DEGREES CONFERRED IN JUNE, 1937

The Secretary *Pro Tempore* presented for record the following list of degrees conferred at the annual Commencement in June.

SUMMARY OF DEGREES, JUNE, 1937

Degrees in the Graduate School, conferred at Urbana:

Doctor of Philosophy.....	69
Master of Architecture.....	1
Civil Engineer.....	3
Electrical Engineer.....	1
Mechanical Engineer.....	1
Master of Arts.....	89
Master of Science.....	<u>104</u>
<i>Total, Graduate School, Urbana.....</i>	<u>268</u>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences.....	373
Bachelor of Science, College of Liberal Arts and Sciences.....	97
Bachelor of Science, College of Commerce.....	240
Bachelor of Science, College of Engineering.....	180
Bachelor of Science, College of Agriculture.....	159
Bachelor of Science, College of Education.....	256
Bachelor of Science, School of Journalism.....	68
Bachelor of Science, School of Physical Education.....	10
Bachelor of Science, Library School.....	71
Bachelor of Science, College of Fine and Applied Arts.....	48
Bachelor of Fine Arts, College of Fine and Applied Arts.....	21
Bachelor of Music, College of Fine and Applied Arts.....	<u>5</u>
<i>Total, Baccalaureate Degrees, Urbana.....</i>	<u>1,528</u>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	<u>56</u>
<i>Total, Law.....</i>	<u>56</u>

Total, Degrees Conferred at Urbana.....

1,852

Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Medicine.....	101
Certificate in Medicine.....	(140) ¹
Bachelor of Medicine.....	<u>7</u>
<i>Total, Medicine.....</i>	<u>108</u>

Degrees in Dentistry, conferred at Chicago:

Bachelor of Science in Dentistry.....	28
Doctor of Dental Surgery.....	<u>19</u>
<i>Total, Dentistry.....</i>	<u>47</u>

Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science in Pharmacy.....	<u>56</u>
<i>Total, Pharmacy.....</i>	<u>56</u>

Degrees in the Graduate School, conferred at Chicago:

Doctor of Philosophy.....	4
Master of Science.....	<u>8</u>
<i>Total, Graduate School, Chicago.....</i>	<u>12</u>

*Total, Degrees Conferred at Chicago.....*223*Total, Urbana and Chicago, June, 1937.....*2,075

Degrees conferred in August, 1936..... 171

Degrees conferred in October, 1936..... 231

Degrees conferred in February, 1937..... 285

Doctor of Medicine, conferred since June 5, 1936..... 137*Total, Degrees Conferred Since Commencement in June, 1936..*824*Grand Total.....*2,899

¹Showing the completion of four years of work—not counted as degrees.

Degrees Conferred June 14, 1937, at Urbana

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Animal Husbandry

TOM SHERMAN HAMILTON, B.S., M.S., 1917, 1922.

In Botany

KATHERINE KINSEL, A.B., A.M., University of California, Los Angeles, 1931, 1934.

JAMES MORTON SCHOFF, A.B., University of Wyoming, 1930; M.S., 1932.

In Chemistry

RICHARD THOMAS ARNOLD, B.Ed., Southern Illinois State Normal University, 1934; M.S., 1935.

RODERICK CHARLES CARY, A.B., 1931.

JAMES MARTIN CROSS, B.S., M.S., 1931, 1932.

RUDOLPH EVERETT DAMSCHRODER, A.B., Hiram College, 1932; M.S., Syracuse University, 1934.

LEWIS ROYAL DRAKE, B.S., M.S., Northwestern University, 1933, 1935.

WILLIAM ALFRED FESSLER, B.S., University of Tulsa, 1934; M.S., 1935.

HENRY DORROH FOSTER, B.S., University of South Carolina, 1933; M.S., 1934.

ELBERT EGIDIUS GRUBER, B.S., Xavier University, 1932; M.S., 1934.

WILLIAM ERNEST HOLLAND, A.B., Indiana University, 1932; M.S., Brown University, 1933.

KENNETH KARL KEARBY, B.S., M.S., 1932, 1933.

ROBERT WILLIAM KREBS, B.S., M.S., 1933, 1935.

MARGARET LAWRENZ, B.S., Alabama Polytechnic Institute, 1931; M.S., Emory University, 1932.

FRANK CLIFTON MCGREW, B.S., M.S., University of Nebraska, 1934, 1935.

LILLIAN HOAGLAND MEYER, A.B., M.S., Washington University, 1930, 1931.

RICHARD FROMAN MILLER, A.B., 1933.

GLENN ALBERT NESTY, A.B., DePauw University, 1934.

ARTHUR JOHN PAIK, B.S., 1933; M.S., Pennsylvania State College, 1934.

PAUL SWITHIN PINKNEY, B.S., University of Wisconsin, 1934.

WILLIAM ERNEST ROSS, B.S., 1932.

MAX FERDINAND ROY, A.B., A.M., Rice Institute, 1931, 1933.

RALPH LOUIS EDWIN SEIFERT, A.B., Evansville College, 1934; A.M., 1935.

JANICE MINERVA SMITH, A.B., M.S., 1930, 1932.

CLARENCE ALBERT STIEGMAN, B.S., M.S., 1932, 1934.

CHARLES WILLIAM JOSEPH WENDE, A.B., Central College, 1934.

HAROLD DADFORD WEST, A.B., M.S., 1925, 1930.

ENNO WOLTHUIS, A.B., Calvin, 1932; M.S., University of Michigan, 1933.

In Dairy Husbandry

STEWART LAURENCE TUCKEY, B.S., M.S., 1928, 1930.

In Economics

ALLEN THOMAS BONNELL, A.B., A.M., Oberlin College, 1933, 1934.

LEAHMAE BROWN, A.B., University of Kansas, 1933; A.M., Tufts College, 1935.

ROBERT W. FIELD, B.S., University of Colorado, 1934; M.S., 1935.

CHARLES MILTON WHITLOW, B.S., University of North Dakota, 1928; M.S., New York University, 1929.

JOHN ELLIOT WILLS, B.S., M.S., 1925, 1932.

In Education

EUGENE HOLT WILSON, A.B., Arkansas State Teachers College, 1930; B.S.(Lib.), A.M., 1932, 1933.

In English

OLIVE PAULINE HENNEBERGER, A.B., Trinity College, 1928; A.M., Radcliffe College, 1930.
CAROLYN WASHBURN, A.B., Mount Holyoke College, 1927; A.M., Columbia University, 1928.

In Entomology

BARNARD DE WITT BURKS, A.B., A.M., 1933, 1934.

In Geology

GEORGE VINCENT COHEE, B.S., M.S., 1931, 1932.

In German

CHRISTIAN OTTO ARNDT, B.D., Concordia Seminary, 1927; A.M., Washington University, 1928; M.S., 1932.
ROBERT THEODORE ITTNER, A.B., 1931.
CHARLES HARRY STUBING, A.B., Wesleyan University, 1931; A.M., Columbia University, 1933.

In History

ROBERT GEHLMANN BONE, A.B., Wooster College, 1928; A.M., 1932.
JOHN HENRY KRENKEL, B.S., 1933; A.M., Claremont College, 1935.

In Mathematics

FRANK COOK GENTRY, A.B., A.M., University of Oklahoma, 1929, 1930.
VIRGINIA MODESITT, A.B., Mount Holyoke College, 1931; A.M., 1932.
SALLIE ELIZABETH PENCE, A.B., A.M., University of Kentucky, 1914, 1928.
ROBERT McDOWELL THRALL, A.B., Illinois College, 1935; A.M., 1935.
FELIX PERRY WELCH, B.S., Mississippi State College, 1929; A.M., University of Texas, 1932.

In Physics

ROBERT OBED BURNS, B.S., Knox College, 1931; M.S., 1933.
CECIL GORDON DUNN, A.B., University of Montana, 1931; M.S., 1933.
GEORGE KENNETH GREEN, B.S., M.S., 1933, 1935.
GEORGE RANKIN IRWIN, A.B., Knox College, 1930; A.M., 1933.
HOWARD SPARLING PATTIN, A.B., Marietta College, 1931; A.M., 1933.
MERRILL PAUL RASSWEILER, B.S., Beloit College, 1930; M.S., 1932.
HARVEY ALBERT SCHULTZ, A.B., North Central College, 1933; A.M., 1935.
WILLIAM EARL SHOUPP, A.B., Miami University, 1931; A.M., 1933.

In Political Science

HUNG TI CHU, A.B., University of Wisconsin, 1932; A.M., University of Missouri, 1933.
CHARLES NOLAN FORTENBERRY, A.B., A.M., University of Mississippi, 1931.
JACK FEIN ISAKOFF, A.B., Western Reserve University, 1931; A.M., Ohio State University, 1932.
ROBERT WALLACE RAFUSE, A.B., Colgate University, 1934; A.M., 1935.

In Romance Languages

BOYD GEORGE CARTER, A.B., College of William and Mary, 1929; A.M., 1933.
MARGARET KIDDER, A.B., Morningside College, 1923; A.M., 1929.
LOUISE FINLEY LODGE, A.B., A.M., 1924, 1931.

In Zoology

WILLIAM MILTON BRIGHT, A.B., M.S., Howard University, 1926, 1930.
MALCOLM STUART FERGUSON, A.B., A.M., University of Western Ontario, 1932, 1934.
NORMAN THOMAS MATTOX, A.B., Miami University, 1933; M.S., 1934.
ARTHUR CORNELIUS TWOMEY, B.S., University of Alberta, 1933; M.S., 1935.

Professional Degrees in Engineering*Degree of Master of Architecture*

EDGAR EMMANUEL LUNDEEN, B.S., 1923

Degree of Civil Engineer

LORENZO DONALD DOTY, B.S., Denison University, 1925; M.S., 1933

WINFRED DEAN GERBER, B.S., 1899

LEWIS KEEFER OESTERLING, B.S., 1929; M.S., Carnegie Institute of Technology, 1936

Degree of Electrical Engineer

FRED H. MCCLAIN, B.S., 1910

Degree of Mechanical Engineer

WARDEN FORSYTH WILSON, B.S., 1925

Degree of Master of Arts*In Botany*

WALTER HOWARD BROWN, B.Ed., Illinois State Normal University, 1932

DONALD KENNETH ECKFELD, B.S., 1934

In Chemistry

ROBERT JAMES BUSWELL, A.B., 1936

RICHARD MELVIN HASKINS, A.B., DePauw University, 1936

In Classics

THEODORE BEDRICK, A.B., Brown University, 1936

ELEANOR ELIZABETH STOVER, B.Ed., Illinois State Normal University, 1936

HELEN LOUISE WESTRUP, B.Ed., Eastern Illinois State Teachers College, 1932

In Economics

J. RUSSELL BONER, A.B., University of Colorado, 1928

SHIH TSUN CHA, A.B., Fuh Tan University, 1935

DWIGHT PRESCOTT FLANDERS, A.B., 1931

EDWIN RUSSELL HODGES, A.B., 1936

JAMES IRA MILLS, A.B., Augustana College, 1927

EDWARD WILSON REED, B.Ed., Southern Illinois State Normal University, 1936

MING-CHAO YANG, A.B., National Tsing Hua University, 1932

In Education

CHARLES HUSTON BURCH, A.B., Culver-Stockton College, 1932

ELEANOR VIVIAN DAVIDSON, A.B., University of Southern California, 1930;

B.S.(Lib.), New York State College for Teachers, 1933

OLLIN LITTLE DRIVER, A.B., Eureka College, 1924

EVERETT LAWRENCE GREEN, B.Ed., Eastern Illinois State Teachers College, 1926

JOHN HERBERT GRIFFITH, A.B., Knox College, 1931

WESLEY GUSTAVE HAAG, B.Ed., Illinois State Normal University, 1929

NEAL HENRY, B.Ed., Western Illinois State Teachers College, 1930

FRANCES DELORES HOWARD, A.B., 1932

AGNES CECILIA KOSCIELNY, B.S., 1932

DOROTHY ELIZABETH LIVESEY, A.B., 1930

JACK B. LORTZ, A.B., 1936

EDNA MAE McDILL, A.B., Monmouth College, 1925

DOROTHY EVELYN MOHN, B.S., 1935
 EVERETTE CASSELL NICHOLS, B.Ed., Illinois State Normal University, 1931
 LEMAN KENNETH PHILBROOK, B.S., McKendree College, 1930
 WILLIAM BROSE PHILLIPS, B.Ed., Southern Illinois State Normal University, 1933
 CLIFFORD FINLEY REID, A.B., 1931
 GRACE STURM, A.B., Syracuse University, 1936
 DOROTHY FAY VOSE, A.B., 1929
 DAVID E. WESTWATER, B.S., 1926

In English

ALFRED CAMPBELL AMES, A.B., University of Kansas, 1936
 JAMES EDWARD BELTON, B.S., 1933
 DOROTHY ELISABETH BOYS, A.B., Northwestern University, 1934
 BEULAH ANNE COLLINS, B.Ed., Illinois State Normal University, 1931
 PAUL JOHN COOKE, A.B., 1936
 ROBERT GORDON HALLWACHS, A.B., North Central College, 1936
 ROBERT FINE DAVIS, A.B., 1926

In Physiology

JOHN EDWARD SULLIVAN, B.S., 1935

In Political Science

GERALD LEROY ARNETT, A.B., 1935

CHIEN-YAO CHIANG, A.B., University of Nanking, 1930

JULIA JUANITA HENDERSON, A.B., 1936

MARY ELEANOR MCCOY, A.B., Carthage College, 1936

RALPH JOSEPH THOMAS MOLONEY, A.B., 1932; J.D., John Marshall Law School, 1934

LING TUNG, A.B., Fuh Tan University, 1928

GEORGE HENRY WATSON, A.B., Miami University, 1936

In Psychology

ELI ALLAN LIPMAN, A.B., 1935

MARY BETTY MCCREARY, A.B., 1934

In Romance Languages

EDNA MAE EDWARDS, A.B., 1935

LOUISE BEATRICE FENOGLIO, A.B., 1936

CAMILLE FERRARA, A.B., 1935

FRANCES LAMORA KAAR, A.B., 1934

IRA OLIVER KARRAKER, JR., B.Ed., Southern Illinois State Normal University, 1936

VALERA DORIS PACE, A.B., Nazareth College, 1935

EARL WESLEY THOMAS, A.B., 1936

In Sociology

CARL WILLIAM BIRKY, B.S., 1933

JOSEPH THOMAS TAYLOR, A.B., 1936

In Zoology

CLARENCE JAMES GOODNIGHT, A.B., 1936

STEPHEN WOOD GRAY, A.B., Lake Forest College, 1936

WALDO CECIL POE, A.B., Hanover College, 1936

CHARLES RALPH WILLIAMS, A.B., 1937

Degree of Master of Science*In Accountancy*

HEIMIE EDWARD BREEN, B.S., 1932

LOUIS MCGLENTHE KESSLER, B.S., 1935

POO-REN LIU, A.B., Great China University, 1935

In Agricultural Economics

FRANK MASON ATCHLEY, B.S., Iowa State College, 1933

AUBREY J. BROWN, B.S., 1935

WALTER BERTRAND LACEY, B.S., 1930

GEORGE EUGENE MERCER, B.S., 1925

CHARLES RICHARD SAYRE, B.S., 1935

In Agronomy

KING YU LIANG, Ingénieur Agricole de l'Université de Toulouse, 1934

In Architecture and Architectural Engineering

GABRIEL DUMLAO CARPIO, B.S., 1931

LYLE VINSON DEWITT, B.S., 1936

BEVERLY LORRAINE GREENE, B.S., 1936

CHUNG HSU, B.S., National Central University, 1935

WILLIAM HUNT SCHEICK, B.Arch., Carnegie Institute of Technology, 1928

JOHN ELMO SWEET, B.S., 1927

In Bacteriology

CYNTHIA CONKLIN, A.B., James Millikin University, 1935
LLOYD FRANCIS FOX, B.S., 1934
JEANNE FRANCES MILLER, B.S., 1936

In Business Organization and Operation

MAX DONALD SNIDER, B.S., 1936

In Ceramic Engineering

WILLIAM WEBER COFFEEN, B.S., 1935
CARL HENRY ZWERMANN, B.S., 1929

In Ceramics

LIONEL RICHARD BARRETT, B.A., B.Sc., University of Oxford, 1933, 1934

In Chemistry

ERNEST ERWIN ALLEN, B.S., 1936
VINCENT FRANK BALATY, B.S., 1935
DONALD GEORGE BOTTERON, A.B., 1936
THEODORE AMBROSE BRADBURY, B.S., 1933
MERLE H. CHAMBERLIN, B.S., 1935
ELONZA ALEXANDER CLEVELAND, B.S., Western Tennessee State Teachers College, 1936
WILLARD BENNETT EASTMAN, A.B., 1936
EMANUEL GINSBERG, B.S., New York University, 1936
JEROME KAUFMAN, A.B., Brooklyn College, 1936
FRANK ROBERT KONTUSZY, B.S., 1936
RAYMOND LARGENT, B.S., Shurtleff College, 1933
SEYMOUR LIEBERMAN, A.B., Brooklyn College, 1936
ROBERT LEE MAY, B.S., 1935
DONALD BURTON MELVILLE, B.S., 1936
JOHN WENDELL ROBINSON, JR., B.S., Northwestern University, 1931
CARL F. SEGAL, B.S., 1936
WILLIAM MORTON SHINE, B.S., Washington University, 1934
JOHN VERGIE SHIRER, A.B., Ripon College, 1936
JIA JONG SHY, B.S., Tsing Hua University, 1929
WILFRED OLIN TAFF, B.S., Western Kentucky State Teachers College, 1934

In Civil Engineering

IBRAHIM NEDJDET ARIN, B.S., Robert College, 1936
ANASTASIS DEMETRE ATESHOGLOU, B.S., Robert College, 1936
WEN-TSING CHANG, B.S., St. John's University, 1936
NEJAD ENÜSTÜN, B.S., Robert College, 1935
SOPHOCLES GULBALIS, B.S., Robert College, 1936
MAHMUT KARASABAN, B.S., Robert College, 1936
SHAO CHANG LI, B.S., Chiao-Tung University, 1935

In Dairy Husbandry

EMMETT EZEKIEL ORMISTON, B.S., 1935

In Economics

DELBERT EDWARD FIOCK, B.S., 1934
ROSCOE RAYMOND GIFFIN, JR., B.S., 1936
JOHN TALBOT MASTEN, B.S., 1936
JOHN ALLAN MCCLURE, B.S., 1933
YUEH-CHIUNG PU, A.B., Yenching University, 1931
KENNETH LEWIS TREFFTZS, B.S., 1936
WINFIELD LYLE WILLHITE, B.S., Lewis Institute, 1936

In Education

WILLMER OLOF ALSTROM, B.S., 1934
CHARLOTTE BAUER, B.S., 1935
ALBIN GODFRED BILLING, B.S., 1923
LUTHER JOSEPH BLACK, B.Ed., Eastern Illinois State Teachers College, 1931
MARGUERITE PIERCE DOLCH, B.S., 1926
J. RAYMOND HOFFNER, B.Ed., Southern Illinois State Normal University, 1932
OWEN ORRIS HUBBELL, B.Ed., Illinois State Normal University, 1934
FRED WILLIAM KASCH, B.S., 1935
DORA MARIE PASEL, B.S., 1932
PAULINE MAY RIEDELBAUCH, B.S., Illinois Wesleyan University, 1927
IRVIN JANDT SCHNEIDER, B.S., Greenville College, 1929
EDWIN WILLIAM SKAER, B.S., Washington University, 1935
MARY SMITH, B.S., 1936
CHARLES STALEY, B.Ed., Southern Illinois State Normal University, 1931
ARTHUR NELSON TRAMMELL, B.Ed., Southern Illinois State Normal University,
1930
MAUDE BRUCE WALLACE, B.Ed., Illinois State Normal University, 1930
SCOTT BENNETT YORK, B.S., 1934

In Electrical Engineering

WALLACE ANDREW DEPP, B.S., 1936
GEORGE ROLAND PEIRCE, B.S., 1936
JAMES ALBERT STEWART, B.S., Purdue University, 1935

In Geology and Geography

WILLIAM HAMMOND ALLEN, A.B., 1936
VICTOR NATHANIEL FISCHER, B.S., Beloit College, 1934
WILLIAM ALBERT NEWTON, B.S., 1935

In Library Science

HAROLD WALTER BATCHELOR, A.B., University of Oregon, 1932; B.S.(Lib.), 1933
ELMA IRENE COURTER, A.B., University of Kansas, 1926; B.S.(Lib.), 1930
MARY RAMON KINNEY, A.B., B.S.(Lib.), 1928, 1929

In Mathematics

NATHAN GOLDMAN, B.S., George Washington University, 1936
FRANZ EDWARD HOHN, B.S., McKendree College, 1936

In Physics

ELBERT PIDGEON CARTER, B.S., 1936
RALPH GUY LABAW, B.S., 1936
JAMES FRANKLIN MADOLE, B.S., Western Kentucky State Teachers College, 1935
ROBERT CURTIS RETHERFORD, B.S., 1935
ROBERT ROGERS, A.B., 1936
HERBERT JOHN SPRENGEL, B.S., 1936

In Physiology

VICTOR BOUTIN, A.B., 1936

In Psychology

HARRIETT ADELINE CANTRALL, A.B., MacMurray College, 1936

In Railway Engineering

KWAN TSUNG CHEN, B.S., Chiao-Tung University, 1932
WEN KWEI KU, B.S., National Wu-Han University, 1933
HERMAN JOHN SCHRADER, B.S., Purdue University, 1923

In Zoology

ROSE CHERIE BOURGIN, B.S., 1935
 MARTHA LEE BOZEMAN, A.B., Rockford College, 1935
 PAUL VICTOR GUSTAFSON, B.S., Whitworth College, 1936
 CHARLES WILLIAM HUSSEY, A.B., Illinois College, 1930
 CHRIS WALTER MARKUS, B.Ed., Southern Illinois State Normal University, 1936
 LENORE MARTIN, B.Ed., Southern Illinois State Normal University, 1935
 EDNA MAE PRATT, B.S., 1936
 CLARENCE ANDREW STEVENSON, B.Ed., Southern Illinois State Normal University,
 1932

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

NORMAN MELVILLE ADAMS	LYMAN WORTHING BODMAN
KATHRYN ELOISE ADKISSON, with	HARVEY DANIEL BORGER
Highest Tutorial Honors in	ENA MAE BOUSLOG
History	WILLAJANE BOYCE
PERLE HELENE ADLER	JOHN JAMESON BOYD
THEODORE LEE AGNEW, Jr., with Highest	GAIL IRENE BOYER, with Honors in
Tutorial Honors in History	French
IDA MAE AGRUSS, with Honors in	ROBERT SHAW BOYNTON
French	NANCY MARGARET BRANYAN
GODFREY COLUMBUS AIELLO	NANCY LOUISE BREHM
JANE FRANCES ALEXANDER, with	CHRISTINE JESSIE BROCK
Honors in French	THELMA LUCILE BROOK, with Honors
JAMES CONDEE ALLEN	in French
DONALD FELIX ANDERSON	CAMERON BROWN
ANTHONY MICHAEL ANZALONE	GEORGE HENRY BROWN, Jr.
BETTY LOUISE ARBUCKLE	WILFERD ELDON BROWN
LEONARD ARKISS	ALLEN EDESEL BRUBAKER
LOUISE WRIGHT ASTELL, with High	THEA AMANDA BUER
Honors in English	RUTH ANN BUFFINGTON
RUTH BYRD BAAR	GEORGIALEE BULL
MARY DAVIS BALL	ANNA ROSINA BULLINGTON, with
MARGARET JANE BARBER	Honors in Political Science
DONALD FRANKLIN BARKLEY	EMMETT WALTER BURDSALL
MATTHEW JULIUS BARMAN	ANNE MATILDA BURNS
DOROTHY JUNE BAUGHMAN	MARTHA ELIZABETH BURRIDGE
OTTO EDWARD BAUM	VIRGINIA ELLEN BUSSE
LEONARD ALBERT BECKER	BETTY ANNE BYERS
EVELYN ROSE BENSON, with Honors in	REBECCA MARY CABEEN
History	EMMETT RALPH CAPPS
FRANK MOREHOUSE BENSON	MARJORIE HENRIETTA CARLSON
MURL L. BERNSTEIN	MARVIN CARMACK, with Highest
JEROME BERRENT	Tutorial Honors in Chemistry
MARIE ALMA BERTONI	HELEN CATLIN
RAYMOND PAUL BILGER, with Tutorial	WILLIAM CHEORVAS
Honors in History	ELINOR CORINNE CHILTON
ROBERT J. BINFORD, Jr.	BARKLEY LAX CLANAHAN
WILLIAM FRANK BISHOPP, Jr., with	MILDRED CLEIN
Honors in French	RUTH ELIZABETH COGDAL
LOUISE HELENE BITTNER	GERSHOM RALPH COHN
MARY BETH BLAIN	SCHILLER AURELIUS COLBERG
BETTY MARY ELIZABETH BLAIR, with	MARY EDNA COLBY
Honors in French	ARTHUR BENEDICT COLLINS
ROBERT JUSTIN BLOTCHER	RALPH WATERBURY CONDEE
DOROTHY HELEN BLUM	JOSEPH EDGAR COOPER

- RICHARD WILLIAM CORMAN
 JANE FERRIS CRAIN
 WILLIAM FRANCIS CRANNELL
 GLORIA CRAWFORD, with Honors in
 History
 JEAN GLADYS CREAMER
 ANN LUCILE CROFFORD
 ROGER BRONSON CROSS
 MARY PHYLLIS CUNNINGHAM
 JOSEPH JOHN DALY
 RALPH FORREST DE LONG
 ARNO HARRY DENECKE
 WILLIAM ERNEST DE TURK, with
 Tutorial Honors in Zoology
 DOROTHY DILLON
 HOWARD TAYLOR DIXON
 DWIGHT HAMILTON DOSS
 ARTHUR HAMILTON DOUGLAS, Jr.
 FRANK JAMES DOYLE, Jr., with Tutorial
 Honors in English
 BYRON BROWN DRESSLER
 RAYMOND DUBOW
 MORRISON ARCHIBALD DUMAS
 JESS WILLARD DUNGEY
 ROBERT JAMES DURIN
 GAYLE JEAN DWORNIK, with Honors in
 History
 GEORGE WILLIAM EASTERBROOK
 TRAVER WILLARD ELLIS
 ARTHUR VERNON ESSINGTON, Jr.
 RAYMOND MAURICE EWALD
 HELEN ELIZABETH FAWKNER
 VLASTA BARBARA FERES
 ROBERT MORGAN FINK
 DOROTHY MAY FLANEGIN
 MILETUS LAFAYETTE FLANINGAM, Jr.
 MARY ELIZABETH FLETCHER, with
 Honors in French
 MILDRED MERLE FLETCHER
 LOUISE FLORA
 AMY LOUISE FLORANCE
 FREDERICK JACK FOERSTERLING
 SIDNEY FOHRMAN
 FLORENCE MARY PORTLEY FORD
 JEAN CAROLYN FORSTER
 BETH LOUISE FOWLER
 RICHARD CRAWFORD FRANKLIN, with
 High Tutorial Honors in Chemistry
 SHOLEM DAVID FRIEDLANDER
 WILLIAM EMERSON FRYE, with Honors
 in Physics
 BERNICE MILDRED GALINSKY
 MERLIN ESTES GARBER
 IONA ELIZABETH GEACH
 JEAN HOWARD GILBERT
 ROBERT JACK GOLDBERG, with Tutorial
 Honors in Zoology
 HELEN ELSIE GOLK
 DOROTHY MARY GOODMAN
 MICHAEL JACOB GORDON
 ELEANOR ANN GOSSETT
 MORRIS LEE GREEN, with High Honors
 in French
 GORDON SMITH GREGORY
 IDA LA VERNE GRITTON
 CHARLES JULIAN GUSTIN
 RICHARD HERMAN GUTSTADT
 JANE ELIZABETH HADDEN
 RITA JOSEPHINE HAGEL
 BARBARA RUTH HALL
 JOHN THEODORE HAMBROOK
 WILLIS BEATTY HAMILTON
 ALDEN NED HANEY
 THELMA MARIE HANSON, with High
 Honors in Sociology
 RUTH JEANNETTE HARTLEY
 ARTHUR DAVIS HAWKINSON
 GARWOOD FRED HEADS
 HELEN MAE HEATH
 MARY FRANCES HEERMANS
 MILDRED LUCILE HEIMAN
 IDA CAROLYN HEMINGWAY
 WILLIAM JOHN HENNIG
 PHILIP HILL, with Highest Tutorial
 Honors in Chemistry
 JOSEPH FLOYD HINDMAN
 MERLIN GERALD HISCOTT
 GEORGE PAUL HIXON, Jr.
 JOHANA HOFFMAN
 CHARLES JACOB HOKE
 JOHN GROVER HOLLAND
 MARGARET ALMA HOLT
 ROBERT SAMUEL HOLTY
 JOHN ALBERT HOLTZMAN
 GILBERT ALFRED HORN
 JACK EVERETT HORSLEY
 RICHARD STEWART HUDSON, with
 Honors in Economics
 HARVEY NATHAN HUMBLE
 MARY ELIZABETH IBALL
 LILLIAN INGALLS, with High Honors in
 History
 MILDRED LOIS JACKSON
 IRENE JACOBSON
 ANNA LOUISE JENSEN, with High
 Tutorial Honors in English
 CAMILLE FRANCES JENSEN
 VIVIAN FRANCES JENSEN
 ARBER JOHNSON
 ALTA GENIEVE JOKISCH
 FANNY LA VERNA JONES
 GRACE DORIS JONES
 WILLIAM ROBERT JONES, with High
 Honors in Classics
 ELLIOTT KALCHEIM
 STELLA KAMAROUSK
 SYLVIA GENEVIEVE KATZ
 ERNEST BYRON KELLY, Jr.
 JEAN E. KENDALL, with Honors in
 English
 HOWARD QUENTIN KESSLER
 CATHERINE KILEY, with Honors in
 English
 BEN DUVAL KININGHAM, Jr.
 AMY VIRGINIA KINSEY

EUGENIA BUSCH KIRCHER
 ALYCE ELINORE KLOOS
 RICHARD LAURENCE JOHN KOBZA
 MARY MAUDE KOORS, with Honors in
 History
 JAMES GRANT KOSTKA
 RAYMOND MATTHEW KOZUL, with
 Tutorial Honors in History
 WILMA LOUISE KRING
 WAUNETTA EVELYN KRUSE
 KATHRYN HASKIN KUHNEN
 ANNAMARIE KUNZ, with Honors in
 Sociology
 SYLVIA KURTZON, with Honors in
 French
 CATHERINE MARIE KYLES
 WILLIAM WINTER LANGEbartel
 RUTH ELIZABETH LARGE
 GERALDINE HELEN LARKIN
 FERN MARTHA LARSON
 ROBERT CLYDE LAWSON
 ETHEL JONES LAY
 THOMAS JASPER LAYMAN
 GLADYS LUCILLE LEAMAN
 ARNOLD HAROLD LEAVITT
 CECILLE LEFKOWITZ
 KENNETH RAYMOND LEIFFERMAN, with
 Honors in Philosophy
 THELMA VIOLA LEONARD
 ROBERT HAROLD LEVIN, with High
 Tutorial Honors in Chemistry
 HOWARD LEVINE, with High Honors in
 Chemistry
 IRENE PEARL LEVIS
 NORMAN ROBERT LIEBLING
 RAYMOND ALBERT LIPPENS, with
 Honors in Political Science
 HELEN ROBERTA LOCKHART
 VIOLA LOESEKE, with Tutorial Honors
 in English
 VIRGINIA LOUISE LOUNSBURY
 JOHN SHARP LOVELESS
 CAROLYN SAWYER LOWRY, with Honors
 in Sociology
 MARJORIE NELLE LOWRY
 FREDERICK WILLIAM LOYD
 MARJORIE ELISABETH LYNN
 AMELIA JANE MANGAS
 HELEN HOWE MARTIN, with High
 Honors in English
 SHELBY MARLOW MARTIN
 LOWELL E. MASSIE, with Honors in
 Chemistry
 FLORENCE CRATHORNE MATTOON
 JUANITA GERTRUDE MAU
 JAMES FRANKLIN MAYNARD
 MARJORIE LAURA MCCAULEY
 MARY CELESTE MCCORMICK
 CLINTON B. MCKEOWN
 ROBERT JOHN MCMENAMIN
 ROSEMARY BETTY MCVEY
 WALTER LA VERGNE MEIMA

MILDRED LOUISE MELLENCAMP
 FAY VICTORIA MELVILLE
 VIRGINIA ROSE MERRINER, with Honors
 in German
 ELIZABETH JANE MIDDLETON
 CARL VENCIL MILBURN
 HELEN STAHL MILES
 MORRIS FRANKLIN MILLIGAN, with
 Highest Tutorial Honors in
 Chemistry
 CHRISTINE MCNICOL MORSE
 CARL WALTER MORTENSON, with High
 Honors in Chemistry
 HELEN MIRIAM MOTENKO
 ARDEN WESLEY MOYER
 GENEVIEVE MYERS, with Honors in
 French
 LEDA CECILE MYERS
 JOSEPH ALBERT NASER
 BERNABE NAVARRO
 MARY ELIZABETH NEAL
 FERN BERNICE NELSON
 STUART MURRAY NEWSOM
 MARY ELIZABETH NICOLL
 BEULAH BLANCHE NORTON
 SAUL LEONARD NUZIE
 WILLIAM CHARLES OAKLEY
 EDWARD FRANCIS O'BRIEN
 JOHN JOSEPH O'CONNELL, III
 DOROTHY VIRGINIA OPOLDUS
 FABIAN SEBASTIAN OSTROWSKI
 GEORGE MARINUS OUDYN, with High
 Honors in French
 DORIS LOUISE OVERTURF
 SHIRLEY MAY OYEN
 DOROTHY HARDING PARKER
 RUTH ELIZABETH PARKS
 MARJORIE ALICE PARMELY
 DAVID HALLIWELL PATTON
 GEORGE FRANCIS PAWLING
 HELEN VERA PAYNE
 WARREN FREDERIC PEARCE, Jr.
 EDWARD THIELENS PEEPLES
 HENRIETTA CORENNE PENCE, with
 Honors in French
 ROBERT DUNNINGTON PERKINS
 MARIAN BERTHA MARTHA PIEPER, with
 Honors in English
 LON V. PORTER, Jr.
 DALIAS ADOLPH PRICE, with Honors in
 Geography
 WANDA CLAIRE PRINGLE, with Honors
 in French
 HERBERT FINDLEY PROPPS
 BETTY JANE PROUTY
 EDWARD KINZIE PRYOR
 FRANCIS MCCONNELL PULLIAM, with
 High Honors in Mathematics
 RICHARD KENNEDY RAINEY
 DONALD EDWIN RASMUSSEN
 DOROTHY CAROLINE REASONER
 EMORY KEITH REES, with High Honors
 in German

JOE FRANCIS REILLY
 THOMAS ARTHUR REINER
 ROBERT CARLISLE RENDTORFF
 RUTH CHARLOTTE RICH
 ARTHUR EDWARD RITCHER
 JOHN ROBERT ROBB
 GLEN STERLING ROBERTS
 CHARLES GORDON ROBINSON
 MARY KATHRYN ROCKHOLD
 CAROL ROLPH
 EUGENIA JEANETTE ROM
 ROBERT HEINRICH ROSENTHAL
 FREDERICK EARL RUSK
 IRWIN BURTON RUTKIN
 EDWIN BRUCE RYDER
 WILLIAM KENNETH SALSTROM
 KARL SIXTEN SANDBERG
 ANNA MARIE SCHAEFER
 JOHN PAUL SCHAFER
 JOHN LEO SCHMIDT
 RENNETTE ELEANOR SCHPOK
 ERMA PAULINE SCOTT
 CHARLES FRANKLIN SEALES
 PIERCE LEO SHANNON, JR.
 PHILIP JOSEPH SHARKEY, JR.
 JEAN STEWART SHEPARD
 HOWARD JOHN SIEVER
 RITA CHRISTINE SIMMONS
 THOMAS DURWARD SIMMONS
 CASIMIR THOMAS JOSEPH SLIWA
 DONALD CHANNING SMITH
 RUTH VIRGINIA SMITH
 VIRGINIA JULIANNA SMOYER
 HELEN ELIZABETH SNYDER
 MARGUERITE ANITA SOLBERG
 MARY MARGRET SOLON, with Honors
 in English
 JEAN MARY SOUCI
 LOUISE HENRYETTA STEARNS
 IRVING G. STEINBERG
 GRUNDY STEINER, with High Tutorial
 Honors in Latin
 NELL DREAN STIGLITZ
 MARGERY ELIZABETH SUHRE
 FAY ISABELLE SULLIVAN
 WILLIAM JOHN SUNDERMAN
 IRVING SURIE
 LEO EDWIN SUYCOTT
 ANNE JEANETTE SWANSON, with Honors
 in Speech

FREDERICK LEON SWIRCK
 LUCILE ELIZABETH SYDOW
 TED STEPHAN TAYLOR
 PARKER WILLIAM THOMAS
 MARY ELLIOT THOMSON
 JOSEPHINE MARY THRAPP
 SELIM NORMAN TIDEMAN, JR.
 GEORGE TRAICOFF, with Honors in
 Political Science
 SARA TRETIAK
 BARBARA FRANCES TUTTLE
 CHARLES ROBERT TWOMLEY
 OLIVAN UEBEL
 DOROTHY FRANCES UNDERWOOD
 JOHN EMIL URBAS
 GAIL MARY VANCE
 CLARA VAN TIL
 JOHN THOMPSON VERNON
 CHARLES NELSON WAGNER
 WILLIAM ISAAC WALDRIP, with Honors
 in History
 HENRY GEORGE WALKER
 MARY JANE WEBERG, with Honors in
 English
 LAWRENCE CAMPBELL WELLS
 MAURACE HENRY WELLS, with Honors
 in Political Science
 KATHRYN LUCILLE WHARTON
 EUGENE JOHN WHITE
 HARRIET BEATRICE WHITE
 RUTH LILLIAN WHITLOCK, with
 Honors in German
 WILLIAM LEE WIERMAN
 HELEN EVANS WILLIAMS, with High
 Honors in Psychology
 JAMES HUNTER WILLIAMSON, with
 Highest Tutorial Honors in
 Philosophy
 SAMUEL WILLIAMSON
 DOROTHY MAE WILSON
 WILLIAM THOMAS WILSON
 EVELYN WOOLERY
 SIGMUND PETER WYSOCKI
 BEULAH MAY YOUNG, with Honors in
 Latin
 ELEANOR YOUNG
 JOHN RICHARD YOUNG
 WYOLENE LOWE YOUNG
 SCOTT HENRY ZAHREN

In Home Economics

MARION ADA KAESER, with Honors
 MARGARET LEAH LUTZ

JEAN FRANCES ROBINSON, with Honors

Degree of Bachelor of Science

In Liberal Arts and Sciences

ROBERT PARSONS BLATCHLEY
 ROBERT DAVIDSON BOWER
 PATRICIA NAISMITH BRAUN

MILTON WALTER BUEHRIG
 CHARLES RICHARD BUELL
 FORREST EDGAR CLARK

HOWARD VINCENT CLARK
KENNETH ORRIS EMERY, with High
 Honors in Geology
JAMES B. FISHER
LOUIS MILTON GOLDMAN, JR.
GEORGE GORDON GRALAK
RAYMOND TOBIAS GUTMAN
GEORGE OGDEN HALLAM
RICHARD EUGENE HENDRIX
MILTON EDWIN HERR
ROBERT LOUIS HOLIDAY
JOHN THOMAS HOWE
GEORGE FRANCIS JOHNSON
RALPH FRANK KOEBBEMAN
JOHN LAWRENCE LESTER

JOSEPH BODE MOUNTJOY
ROSEMARY O'NEILL
RICHARD NEWTON POTTER
MYLO GLENN ROBERTS
MARGUERITE CLAIRE SHERIDAN
KATHERINE POST SIMPSON
CARL WILLIAM SODERSTROM
PAULINE ANABEL STICKLE
ROBERT McMACKIN STUART
GEORGE SVIHLA
CAROL MARGARET WHITMAN
JEAN INGLIS WIDGER
WALTER SIEGFRIED WORMSER, with
 High Honors

In Chemistry

KENNETH MARTIN BROBST
JOHN NORMAN COSBY
FRED GEORGE CROAD
ROZEL EVERETT CURTIS
DOROTHY DEAL
WARD EDWIN FISHER
THOMAS EDWARD FRANKS
ANDREW GEORGE GORCZYCA
FREDERICK LEON HELLER
CORRIS MABELLE SHIRLEY HOFMANN
ROY HONG
HERBERT TODD IVESON, with High
 Honors

JULIUS FRANK KAPLAN
RUSSELL JOHN KEIRS
OTTO CORNELIUS KLEIN
ROY FRED LARSON
ELIZABETH MARY OSMAN
CHARLES FRANCIS PORTER
WILLIAM CHRISTIAN RISSE
ROBERT IRA SCHUB
GERHARD RAY SPRENGLING
KENNETH O'HARRA STEVENSON
ALEXIS CORNELIUS SVIGON
GEORGE PHILIP WEBER

In Chemical Engineering

JOHN RAYMOND BINGHAM
ALVIN BROWDY
ANTHONY RICHARD BULAT
GEORGE JERRY BURCAL
GEORGE THOMAS CARROLL
RICHARD JOHN DOUBEK
ERNEST MORRIS EUBANKS
HARRY DEAN EVANS, with High
 Honors
LOWELL LEE FELLINGER, with High
 Honors
JOHN FREDERICK FRANK, JR.
MURRAY GLEESON
EUGENE PETER GOODMAN
PAUL DAVID GRUBB
JEROME GUREWITZ
HARLAN AMES HASHBARGER
JOSEPH CHARLES HEJL
PAUL WELLAND HENLINE
GLENN HERBOLDSHEIMER, with High
 Honors
JAMES BRUCE HUNTER, with Honors
EARF FRANKLIN JENNINGS, JR.

GERALD DETRING LUCKER
COLEMAN JOSEPH MAJOR, with High
 Honors
GERALD EDWIN MARGRAVE
DON L. McCANN
RAYMOND GEORGE PENNER
NICHOLAS RELICH
EUGENE OTTO RETTER
FRANK HORATIO RUSSELL
VERNE LOYD SIMRIL
ROBERT CARLISLE SIVERT
JOSEPH JAMES SLEMENDA
JOHN CHARLES STEINBERG
RICHARD PHILEMON STOUT
HARRY NICHOLAS TATOMER
HODGE SCOTT TAYLOR
FRANCIS EDWARD WEEG
FRED ERNEST WINTZER
CHESTER ARVID WOHLBERG
JOSEPH SAMUEL WOOTERS
DONALD MAXWELL WROUGHTON, with
 High Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DALLAS FAY ACHENBACH
HELEN DOLORES ALEKSIUN

CARL BRICE ARCHIBALD
HARVEY DONALD BENDER

JOHN GEORGE BERTOGLIO, with Honors
 TRACY LEONARD BESWICK
 PAUL FREDERICK BLASS
 BYRON BOYD BLOUT
 ROBERT ALLEN BOWEN
 HYMEN BURSTEIN, with High Honors
 GEORGE S. CERNY, with Honors
 ELMER PAUL CLUVER
 MAX EUGENE COOPER
 SIDNEY CORUSH
 BENJAMIN FRANKLIN CUMMINGS
 JAMES O. EATON
 HARRIS WYLAND EHLE
 KENNETH CHARLES EKISS
 RICHARD BUNDY ENSIGN
 JACK LAWRENCE FENNIE, with High Honors
 WILLIAM CURTIS FOSSETT, with Honors
 FRANK JOHN FRECH, JR.
 JOHN KARL GAINES, with Honors
 ROBERT FREDERICK GILLHOUSE
 FRED WILLIAM GROHNE, JR.
 EMORY CHARLES GUYNN, with Honors
 WILLIAM DIGBY GUYNN
 WILLBURT DUNN HAM, with Honors
 CONRAD FRANK HLAVACEK
 NOLAN NANEY HODGES
 JOSEPH JAMES JANECEK
 LEON NORTHRUP JOHNSTON
 SARAH KATZ
 JOSEPH PETER KERPAN
 SARA KLASS
 JOHN WILLIAM KLUBERG, with Honors
 ROBERT RAYMOND LAUBER, with Honors

ROBERT EGNELL LAURENCE
 DONALD EDWARD LAWRENCE
 HERMAN LEE
 WILLIAM JOSEPH LIERMAN, JR.
 MARVIN TALLMAN LINDSAY
 KENNETH REGINALD MCNAMARA
 ROBERT LEWIS MERIWETHER
 DONALD FREDERICK NEMITZ
 JOHN COOPER O'LEARY
 EUGENE WILSON OSBORN
 WILLIAM ARTHUR PARRISH, with Honors
 PAUL FORREST PATTENGALE
 HENRY NAGEL PIEPER, with Honors
 JOSEPH WENDELL PONDER
 WILLIAM PHILIP PORCH, with High Honors
 MELVILLE JULIUS SAUNDERS
 JOSEPH ANDREW SHULMISTRAS
 PAUL ARNOLD SMITH
 ROBERT D. SMITH
 ROBERT JOHN STETTNER, with Honors
 LEO G. SWINEHART
 LAURENCE MARTIN THOMPSON
 ALBERT TRIEBEL, JR.
 WENDELL PIGGOTT TRUMBULL
 GEORGE BENJAMIN VASEN, with High Honors
 NELSON DOWELL WAKEFIELD, with Honors
 WILLIAM WALCOTT WATSON
 WILLIAM JOHN WOLF
 FREDRICK EDWARD WOOD
 GORDON ZELLE

In Accountancy and Banking and Finance

BLANCHE IRENE CZAKLER

In Banking and Finance

EVERETT LAYTON ALBIN, with Honors
 JEWETT COLE
 PHILIP ARNOLD CRIHFELD
 ALFRED CHARLES HENNING
 MILTON CLARK HESS, JR.
 JOHN EDMUND JENSEN
 FRANCES JANE MOORE

HOWARD WHITFIELD MORGAN, with Honors
 RALPH SHEARER MORGAN
 JOSEPH MARK SCHUMACHER
 LEONARD B. SMITH
 JOHN MCCLELLAND SPOONER
 GORDON GRAY WARDER

In Commerce and Law

IRA MORTON BLITZEN
 WILLIAM CHARLES BURT
 CARL LIPTNER GOLDSTEIN
 PRESTON KING JOHNSON, JR.
 CHESTER EDWIN KELLER
 JAMES DAVID MOSES, JR.
 IVAN E. ODLE

EDWARD BERNARD RASMESSEN, JR.
 MILTON RUBIN
 ROBERT JOSEPH SANDERS
 CARROLL ENGLISH SNYDER
 JOHN LEROY STEWART
 HOMER REAMER WALLAR
 JOHN BROWN WHITE

In Commercial Teaching

DOROTHY FREEMAN FREESE

In Foreign Commerce

DERRICK LYNN BREWSTER
 MARY LOU CHEANEY

WAYNE DOW HUDSON
 JOHN DAVIS KIBLER

EUGENE LEE LOPEZ
MORRIS SOIFER

VIRGINIA MARIE VISSER
DOROTHY JEAN WEAVER

In General Business

JAMES L. ALLEN, JR.
RUSSELL LAWRENCE ARMOUR
OMER VIRGIL BADER
FAITH MAGDELENE BAER
FREDERICK WILLIAM BAUM
EDWARD EMIL BELSKY
ROBERT HENRY BERMAN
WILLIAM DONALD BISHOP
BRITT BLAIR
DANIEL MILES BLUMENSHINE
DEAN WESLEY BOHLEN
CHARLES EDWARD BOLIN
FLORENCE ELIZABETH BOOTH, with High

Honors

MORTON HARRIS BOWMAN
LESTER ALAN BROCK
PAUL LOWRY BROWN
EMERALD HENRY BUNDY
CHARLES HAZELTON BURNHAM
HAROLD WINTHER BUSCH, JR.
ZERAH AMOS CAMPBELL
FRANK JOHN CHARVAT, with Honors
JOHN VAN COYNER
RICHARD BRADFORD CROOK
WILBUR RIPLE CURETON
WILLIAM FORREST DAVID
DONALD MILLER DONEGHUE
CHARLES EDWARD DUNCAN, JR.
CHESTER HAROLD ELDER, JR.
RICHARD HERBERT ENGLEMAN
ROBERT LEON FABER
WALTER ALFRED GARRETT
NELS PAUL MALCOLM GERDEN
EDMOND MILTON GLICK
JOHN GRAY GRIGSBY
JOHN EDWARD HACKLEMAN
HAMILTON HALL
WILLIAM LOGAN HAMPTON
GEORGE FREDRICK HANDLEY
CLYDE FREDERICK HELM
EDMUND VINCENT HENRY
DEVON McCaughey HIZER
JOHN LEROY HYND, JR.
CARLETON JOHN JACOBSON
HAROLD RUDOLPH JAMES
HOWARD DOUGLAS JOHNSON
JOSEPH COUGHLIN JOHNSON
GEORGE RICHARD KANL
HELEN HOPE KATZMANN
ROBERT JAMES KIEST
EDNA KOLLER
WILLARD ODAS LAPE
WILLIAM KEIL LAWRENCE
MAX STUART LEACH
MAX NORWOOD LEHMAN
ROSS CRAWFORD LYMAN
CHARLES NICHOLAS MALLORY
KENNETH GEORGE MAYES

JACK BOAZ MCFARLAND
EDWARD JOHN MCGOWEN
CARL WILLIAM MCINTOSH
JACK EDWARD MCNEVIN
JOHN WILLIAM MEEHAN
DAVID FELMLEY MEEK
DONALD MATTHEW MENKE
HAROLD MESTEK
DONALD TILLOTSON MILLER
ANITA LILLIAN MILEVILLE
ROBERT HANSON MITCHELL
PAUL LOUIS MOSCHEL
ALBERT DANFORTH MULLIKEN
DUANE ALBERT MURRAY
JOSEPH CONNOR MURRAY
FRANCES CAROLYN NELSON
CHARLES ALBERT NEWLIN
THOMAS ANDREW NOLAND
CHARLES McDONALD OEHMKE
WARREN COLE OVERMAN
ROBERT DONALD PARTLOW
ERNEST CHARLES PLESCHNER
DONALD JOHN POOLE
GEORGIANA POWERS
CHARLES DOUGLAS PRESCOTT, with

Honors

ROBERT HOYT PRICE
ARNOLD GEORGE PURKIS
OTIS WILLOUGHBY RANDOLPH
MARVIN AMES REYNOLDS
CHARLES ALEXANDER RICHMANN
GEORGE ALBERT RICHNER
ROBERT WILLIAM RIEGEL
WILLIAM HENRY RIFE
JASON ELLIS ROBINSON
JACK RUBIN
RICHARD WALDO SANBORN
JEANNE LOIS SCARRATT
HAROLD HILLARD SCHWAB
MARGARET LOUISE SCOTT
WILLIAM ADOLPH SHROYER
KNOWLTON AMES SMITHERS
KENNETH RAYMOND SPEER
FRANK LOUIS STACK
ARTHUR BLAIR STARK
WALTER GORDON STILL
JOSEPH STONE
HOWARD ARTHUR STOTLER, JR.
JOHN CHARLES SUERTH
JAMES MCFARLAND TAYLOR, with
Honors
KENNETH EDWARD TIMM
JORDAN TRUITT
ROBERT CHARLES VERKLER
GEORGE EDWARD VITOUX, with Honors
WILLIS OTTO WAHLFELD
JAMES ERIC WASSON

RICHARD LINCOLN WEISSENBORN
EUGENE JOSEPH WHALEN
NORBERT HAROLD WHITE

WILLIAM GEORGE WHYTE
JOHN LEWIS WIER
DENE WALTER ZAHN

In Industrial Administration

ROBERT ALFONS BRETSCHER
MILLARD EUGENE CASTLE
THOMAS EARL ENNETT
ROBERT WARREN GEHRING
JOSEPH JAY GIBBERMAN
FRANCIS SYLVESTER GOOLD
HOMER LANGDON HADLEY, JR.
DAVID HOGAN

WALTER CARL MEYER
MARVIN ELERY MONK, JR.
HARRY FRANCIS REAM, JR.
AMOS MILTON SCHUSTER
JAMES DONALD SCOTT
SHERMAN EZRA TAYLOR
NICK VIGNA
EDWARD THEODORE WOOD

In Insurance

BERNARD CHESLEY CRAIN

WILLIAM JOHN MAURITS, JR.

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Agricultural Engineering

EUGENE WALLACE MCGAAN

In Ceramics

BRADLEY CHARLES GARDNER, JR.
FLOYD ALLEN HUMMEL
GALE HESTON JONES
LEON ROBERT KOLOVSKY
MAX MILLER
FREDRICK ADOLPH PETERSEN

DANIEL BERNARD RAPOPORT
HAROLD ALBERT SCHWARTZ
HUBERT JACOB SMALTZ
HOWARD OSCAR SNODGRASS
WALTER MARION TURNER, with Honors

In Ceramic Engineering

MELVILLE LEROY COMBS
LAVERNE GODFRID EKHOLM
WAYNE XALPHA FAY
JAMES HAROLD GINTHER
LEO GEORGE GOLDBERG
JOHN PARKER GUILD

JULIUS HORELICK
ALBERT ROY LESAR
JAMES EARL MCFARLAND, JR.
ALLEN KNOWLTON PORTER
NORMAN SCHOEPPFEL, with High Honors
WALTER JENNINGS SENTERS

In Civil Engineering

KENNETH CARL ANDERSON
VICTOR PAUL BONUCCHI
ALFRED BARTLETT BOURGO
ROBERT E. BURNS
JOHN CARL DEISENROTH
THOMAS PAUL DEWAN
WILLIAM ROBERT ELDEN, JR.
LOUIS FIEDLER
ROBERT FRANKLIN FOSTER
RICHARD JACCOUD FRANKLIN
WILLIAM FREEMAN
RICHARD HENRY GADE
JOHN MERRILL GOODELL
MYRON LEE GOSSARD
KARL E. GROHNE
JAMES RAYMOND HAMILTON
FRANK BERNARD HENDERSON, JR.
DEAN STANLEY KINGMAN
ELMER A. KRAFT
LOUIS HENRY KRISTOF

FRANK ANTON KVETON, JR.
CARL WILLIAM MUHLENBRUCH, JR.
ELMER HAROLD OLSON
PETE ANTONIO PAKUTINSKY
CHARLES JOSEPH POPPE
WALTER ADOLF RENNER
WILLIAM GEORGE REYNOLDS
EDWIN GUY ROBBINS
DONALD STEPHEN ROBINSON
JACK C. ROGERS
JOHN DONALD SCHULZ
HARRY ELLSWORTH SKINNER, with Honors
CHARLES MONROE SLAYMAKER, JR.
JOHN ROBERT STIPP
FRANCIS JEFFERSON TYTUS
WALTER EDWARD WILLARD
CHARLES KENNETH WILLETT
ERNEST WILLIAM ZELNICK

In Electrical Engineering

ERNEST HAROLD ARDAHL
 ERNEST LAYMAN BERNINGER
 ARTHUR SAUL BROWN
 CARL EDWARD CAMPBELL
 JOHN SEDGWICK CAPPS
 NORMAN RICHARD CARSON
 EDWARD CWIKLO, with High Honors
 JULIUS J. DEITZ
 JAMES LOWELL DENNIS
 KARLE DeWOLF
 THEODORE DOMBROWSKI
 AUSTIN ARTHUR ROBERT DYSON
 ORVILLE JORDAN EILERS
 FRANK ALBERT GHISELLI
 WILLIAM PRICE HOBAN
 EDWARD HONG
 RICHARD LAWRENCE HULL
 LEO ELBERT JAMES
 WILHELM HINRICH JANSSEN
 RAYMOND ANDREW KEMPF
 EDWIN ALBERT LINK
 RICHARD ROY LITTLE

WILLIAM CHARLES MANCHESTER
 HOWARD BERNARD MAUCH
 HERBERT JAMES MCSKIMIN, with Honors
 WALTER MILEWSKI
 ALLEN KEARNEY MILLER
 JAMES MURREL MILLER
 CARL MAGNE MILNER
 HAROLD THEODORE PEARSON
 HAROLD ARTHUR PETERSEN
 KENNETH GEORGE ROTH
 ROBERT ADAM SCHNEIDER
 MARTIN SHAPIRO
 VICTOR WAYNE SOUTH
 CURTIS HAWLEY STOUT
 HAROLD DeHAVEN TOWNSEND
 ROBERT TRACHTENBERG
 VERNE EDWARD TRUMMEL
 VERLEY REED TULLIS
 CHARLES TENNY VALLETTE
 JOHN ROBERT WILLIAMS
 ALDRICH ZMESKAL, with Honors

In Engineering Physics

JOHN FRANKLIN HUNT

DARRELL CARNEY ROMICK

In General Engineering

WALTER BLACK
 EDWARD FRANK DUDLEY, JR.
 LAWRENCE EMIL HEINEN
 JAMES MACKENZIE HENNIG
 ROBERT HERMANN LEHMPUHL
 HERBERT HAROLD MITCHELL

RAYMOND CHARLES ARTHUR PURL
 ROBERT BUFORD STAMPFLE, with High Honors
 ROBERT WILLIAM WELDON
 GEORGE GUSTAV YOUNGSTROM

In Mechanical Engineering

JOHN LAURANCE BARKER, JR.
 GEORGE D. BATTERTON
 DANIEL BLUM
 JAMES WILLIAM BOYD
 HERBERT LINCOLN CHESSMAN
 EDWARD L. CORNELL, JR.
 JAMES HENRY COULTER, JR.
 LLOYD C. DANIELSON
 RALPH ELLIS DONNELLY, with Honors
 JOHN WALTER EASON
 JAMES WYMAN EATON
 HAROLD LEROY FOGLER
 THEODORE NORMAN HACKETT
 CHARLES HERMAN HARSZY
 MAURICE EUGENE HARVEY
 PAUL DALE HESS
 CLAYTON ERICK JOHNSON
 EUGENE FRANK LANNERT
 OLIVER WILLIAM LEMKE
 BENJAMIN HENRY LEVY, JR.
 KEITH LINDLEY
 GEORGE HENRY LOGAN, with Honors
 ROBERT KENNING LOWRY

DONALD WEBSTER MCCAFFERTY
 BERTRAND NORVAL McDONALD, with Honors
 HAROLD NILS NILSON
 WILLIAM WARNER PETERS
 CHARLES LEONARD RABE
 JOHN ALBERT REEVES
 WILLIAM AUGUSTUS ROGLIS
 RICHARD TELLER ROSANDER
 FREDERICK M. SCHLIE
 KENNETH SEDDON
 PHILIP ALDEN SIDELL
 BRUCE K. SLONNEGER
 JOHN WESLEY SPALDING, with Honors
 KENNETH CHARLES SUHR
 CLARENCE EUGENE TARPLEY
 JOHN ANTON TEIBER
 WOODROW WALSH
 EDWARD JOHN WELLMAN, with Honors
 MATT S. WILSON
 GERALD WISEGARVER
 JOHN MARSH WOLEBEN

In Metallurgical Engineering

CHARLES WALTER BEATTIE, JR.	HARLAN ERWIN OEHLER, with High
CLARE BATEMAN CARLSON	Honors
ROBERT EARLE GROVER	ROBERT RICHMOND
LOWELL HANNA MCCREERY, with	JOHN WILLIAM SHERMAN
Honors	JOHN ALDEN SNYDER
	LEONARD TOFFT

In Mining Engineering

ERNEST CORTLAND ADAMS, with Honors	FREDERICK WILLIAM MEYER
AMZI GARRISON GOSSARD	

In Railway Electrical Engineering

GEORGE DUDLEY SMYTHE JOHNSON	ROBERT WILLIAM TONNING, JR.
MARK BROWN MOORE	

In Railway Mechanical Engineering

NEFF RAYMOND BALL	WILLIAM ROBERT WHITE, JR., with
RICHARD JOHN KIRSTEN	High Honors
FREDERIC MARICH	

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

RALPH CLAYTON AINSWORTH	ROBERT HOWEY
JOHN COOK ALISON	DAVID FRED HUBBARD
ROBERT BENJAMIN ARNOLD	ELDON HUFFORD
RICHARD DALE BAKER	IRVING MONROE HUGGINS
LOYD WAYNE BARKER	JARVIS CHANDLER HURD
FREDERICK PEIRSON BIERER, with High	SHELDON HARRIS IRISH
Honors	DWIGHT NORMAN JEWELL
RICHARD GEORGE BOARDMAN	RAYMOND HAL JOHNSON
MARTIN ORLANDO BOHLEN	KYLE WARNER KEEFFER
BERNARD BENJAMIN BOHREN	WALTER JACOB KING
DANA TURNER BOYD	CHARLES KENNETH LANE, with High
DONALD RAY CLARK	Honors
ELIN EDWIN COCKRUM, with Honors	JAMES ROBERT LEE
ROBERT RYAN COPPER, with High	HOWARD SAMUEL LOWRY
Honors	EARL EDWIN LUTZ
ROBERT M. DOLE	ALEXANDER OSBORNE MACREFF
EUGENE ELLIS DOWNING	THEODORE NELSON MANGNER
EUGENE FREDERICK DUNCAN	LAURENCE EDWARD MANNING
PAUL HERMAN EBELING	WILLARD B. MANNON
CHESTER RUDOLPH ESHELMAN	JUDSON PHILIP MASON
ELDEN KENNETH FAULKNER, with	OWEN CHRISTIAN MAUE
Honors	DONALD GRAY MCALLISTER
WILLIAM WAYNE FENNELL	PAUL WILLIAM MCKEY
DONALD BRYCE FERGUSON, with Honors	CLARENCE WESLEY MIES
ROBERT WILLIS GARDNER, with Honors	CARL LAVERN MILLER
WILLIAM BRUCE GARDNER, with Honors	ROBERT CHARLES MILLER
A. MORTON GOLDBERG	WERNER LIND NELSON, with High
LOREN WILLIAM HARDY	Honors
CLAUD HENRY HARROLD, JR.	JOHN KEITH PARKS
KENNETH E. W. HARSHBARGER	CHARLES DONALD PERKINSON
GRANT HENRY HARTMAN	LEWIS NEAL PEUGH

JAMES ETHELBERT POTTS
 ERNEST JOHN RAUSCHENBERGER
 JAMES FREDERICK REEVE
 GEORGE WILLIAM ROSS, JR.
 ARTHUR LEONARD SCHICK
 JOHN EMERSON SCHOLL
 DEAN LEROY SEARLS
 ARTHUR PLUMMER SIDWELL, with
 Honors
 FLOYD MONROE SMITH
 GEORGE EDWARD SMITH
 JOHN ANDREW SNYDER
 LILLIAN MARY SNYDER
 GORDON ALFRED SOWERS

KENNETH OLIVER SOWERS
 ROBERT ELLSWORTH SPANGLER
 JOHN ROBERT SPEAR
 CHESLEA CHARLES TAYLOR
 ALFRED HENRY THALMAN
 EDGAR FRANKLIN WALBORN
 ERNEST WARREN WALKER
 ORVILLE HERMAN WARFEL
 ROBERT JOHNSON WEBB, with Honors
 WAYNE ARTHUR WISE
 MAX JAY WORTHINGTON, with High
 Honors
 FORREST JOHNATHAN WRIGHT
 EUGENE GUNDY YOUNG

In Floriculture

JOHN WILLIAM AMLING
 WALTER NELSON BROWN
 JOHN ROBERT CULBERT, with High
 Honors
 ELEANOR DOLCH, with Honors
 ROBERT WILLIAM DOOLITTLE, with
 Honors
 LON FOSTER, JR.
 LLOYD ALLYN GODING

LYON WELDON HARTMAN
 MARCEL ALBERT HRNAK, Jr., with
 Honors
 HADLEY PAUL MOORE
 HELEN RACHEL PARKER, with High
 Honors
 MARY JANE SAUNDERS
 FLOSSIE FERN WITT

In Home Economics

CAROLYN JANE AGNEW
 LUCILLE ELLEN ELIZABETH ALBRECHT,
 with Honors
 LOIS WINIFRED ALMY
 GERALDINE ANDERSON
 ELIZABETH FREEMAN BASHEN
 NELLIE MAY BERRY
 LOIS EVELYN BETZER
 FLORENCE CAROLINE BODENBACH, with
 Honors
 MARJORIE MAE BOE
 GERTRUDE ABBOTT BRANDON
 MARY MELVENA BRAY
 LUNA SUE BROWN
 GLADYS IRENE COVENTRY
 RUTH CURRY
 CLYDA JEAN DEPUTY
 MARGARET DRAKE
 MARGARET ANN EDMONDS
 ELIZABETH MARY EISELE
 MARY ELIZABETH FRIEND, with High
 Honors
 LOUISE HACKMANN
 DOROTHY JANE HALL
 WEBER LLOYD HAMILTON
 HELEN LUCILE HAUGHTON
 JULIA IRENE HERMIE
 FRANCES ARLENE HODGSON
 GEORGIA DOROTHY HOFFMAN
 KATHARINE MARY HORAN
 LOUISE HARRIET HOSKINS
 DOROTHY MAE IRWIN
 ELMA CATHERINE JOHNSON

FLORENCE MARIETTA JOHNSON
 HELEN GERTRUDE JONES
 MARY KATHERINE JONES
 LADYNE ELIZABETH KLECKNER
 OPAL IONE KREIG
 BETH BELLE LAREAUX
 ROBERTA VIRGINIA LITTLE
 ALETA ELEANOR LOGAN
 LOIS CECILLE LOUIS
 MARGARET JOSEPHINE MANN
 MILLICENT ELAINE MARSHALL
 MARGARET ESTHER MCINTIRE
 MARGARET ALBERTA COX MINOR
 GLADYS MARIE PAGE
 MARY ADELINE PARKS
 CORINNE PRICE
 VIOLET SUSAN ANNE RABER
 MARY LURANAH RANDALL, with Honors
 DOROTHY LUCILLE RANES
 NELLIE MAE RATCLIFFE
 DORIS LUCILE RAY
 DORA ELLEN RAYBURN
 TREVA ESTALINE RICHISON
 GLADYS MARGARET RIGGS
 HELEN MAXINE RUBY
 HAZEL ELIZABETH SCHAAD
 ALICE ELISABETH SMITH
 HELEN AUDRE SMITH
 CYNTHIA HAHN STOCKER
 EVELYN DOROTHY SYDOW
 MARGARET ELIZABETH WEHCKING
 NAOMI LOUISE ZIMMERLY
 ERLINE PEARL ZIPPE

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

HOWARD WALLACE ABERNATHIE
 AMELIA LUCILLE ANDERSON
 LOIS MARIE ANDERSON, with Honors in
 Mathematics

RUTH HELEN ANDERSON
 MARY LOUISE AUSTIN
 MARGARET ELOISE BAKER
 DONALD WHITE BALDWIN
 WILLIAM HARDIN BATTERSHELL
 MARY HELEN BECK
 JOHN CLARENCE BELL
 EDNA FRANCES BERGSTROM
 JOSEPHINE CAMELLA BEVILACQUA
 RUTH IRENE BEYNON
 SAMUEL MARION HENRY BIRDZELL
 KATHRYN ELIZABETH BONFIELD
 MARIAN EVALYN BOTHWELL
 JAMES ALBERT BOULA
 JEAN RENNING BRAND
 MAURICE MERZ BRANDENBURG
 MARY FRANCES BRANDT
 PAULINE BRENNER
 LEAH JANE BRICKER
 MARY VIRGINIA BRINTON
 ADA ELIZABETH BROWN
 CHRISTINE BUCHHOLZ
 ADA MARGARET BUCK
 MARY ELIZABETH BURNS
 JEAN MCCLELLAN CAMPBELL
 JANE ARLENE CARRIER
 JOHN WILLIAM CARSON
 LEE J. CHENOWETH
 JOHN ARTHUR CLAPP
 DOROTHY JAYNE CLARK
 JANET LIVINGSTON CLARK
 ANTOINETTE LOUISE CLIFTON
 MARGARET MARY CLINCH
 CHASE CUTLER COFFEY
 ZELDA COHN
 RACHEL MARIE COLLINS
 HARRY AUSTIN COMBES
 BRUCE EDMUND CONKLIN
 MARGARET MAE COON
 MARJORIE ELIZABETH CORDER
 RAYMOND CHARLES COSTABILE
 JOHN BLAIR CRAWFORD, JR.
 MARJORIE BUENE CROSS
 LENORA MADELINE CROWLEY
 ADELAIDE ROSEMARY DADANT
 ISABELLE DAVIDSON, with Honors in

French
 DEA LOUISE DEVORE
 MARGARET DOLORES DICKSON
 WINIFRED GERALDINE DODDS

CATHERINE DOLCH
 ALICE SPOTTSWOOD DUVAL
 EUGENE DYKSTRA
 EMERY ELLSWORTH EBBERT
 EARL FRANKLIN ELLIS
 ELAINE RANGHILD ENGSTROM
 MARTHA JUNE ERET
 NAOMI RUTH ERICKSON
 ELOISE KATHERINE ESHBAUGH
 SOLVEIG PAULINE ESPEVIK
 JANE LOUISE FALKENSTEIN
 JEAN MARIE FALLON
 LENICE LEZETTA FISCHER
 ELEANOR VIRGENE FORTH, with Honors
 in Spanish
 GRACE MARY FRANCIS
 MURRAY FRANKLIN
 ELLMA MIRIAM FRANTZ
 LUCILLE FRIEDMAN
 DURWARD MAC GEER
 INEZ E. GIESEKING
 OLGA MARIE GILSTER
 HORACE EDWARD GREELEY
 ROBERT SOMERVILLE GRIEVE
 ALMA GRIMMICH
 MARY MARTHA GRISAMORE
 RICHARD EDWARD GUTHIER
 JAMES EUGENE HAGEN
 EDYTH CHARLOTTE HAKES
 LEROY ALBIN HALBERG
 CLARENCE HALE
 DORIS MARIE HANS
 STASIA HAYMAN
 GEORGE BYRON HEALY
 JEANNETTE HEIMBAUGH
 CLARENCE FRANCIS HELMRATH
 WILBUR LEE HENRY
 MARDELLE MAIZIE HIGGINS
 ELIZABETH ANNE HILLS
 FREDERICK RICHARD HINES
 JOHN CORBUS HOFFMAN
 JOHN EDWARD HOLLOWAY
 ELAINE HOOD
 EMILIE HRDLICKA
 LILLIAN MAE HUBBS
 MARY MINERVA ILES
 MARION FAY INKSTER
 MARGARET FAWKES IRWIN
 NACI ISKENDER
 VIRGINIA MAIE JARMAN
 ANNE JARNITZKY
 MAXINE ANITA JAYCOX
 JAMES JOHN JELINEK, JR.
 HELEN MARGARET JESKE

EVELYN FLORENCE JOHNSON
 EVA ROBERTA KAPLAN
 BEULAH M. DALBEY KENNEDY
 MAURICE DONALD KEPNER
 LEO BEN KNEER
 WILLIAM LOUIS KOCH
 ANNE ELIZABETH KOVANDA, with
 Honors in Biology
 CLIFFORD WOODS KUHN
 EDITH KOSTNER LANG
 DORRIS JEAN LANGMAN
 LAWRENCE FRANCIS LAUCK
 RUTH BERNICE LAVENAU
 JOHN DUNLAP LEMARR
 FRANK RICHARD LEONETTE
 MARY LOUISE LESCHER
 SARAH HELEN LONG
 MARY ELEANOR LONGLEY
 ELSIE LOZAR
 BONITA ELIZABETH LYONS, with Honors
 in Education
 RUTH LOUISE MALAN
 MARIAN MALMSTEN
 KATHRYN EUNICE MARSH
 JUANITA IRENE MCALISTER
 LILLIAN ARLENE MCCALLISTER
 LUELLA RUTH MCCORMICK
 JOHN JOSEPH McDONALD
 ALTA LUCILLE MCGAAN
 JACK CLAUD MCILVOY
 JANE MCINTYRE
 CLARABELLE MCKINLAY
 FLORENCE ESTHER MCLAUGHLIN
 EMMA CAROLINE MEISSNER
 CHARLES EDWARD MEYERS, with Honors
 in History and High Honors in
 Education
 BARBARA ELIZABETH MILLER
 EDWARD WASSAR MILLS
 JEAN JENNIE LUCILE MONROE
 MARTHA ALBERTA MONTGOMERY
 ANDREW ENSLEY MONTS
 HAROLD ALLEN MOORE
 IRENE MOORE
 MARY SAMPSON MOORS
 LARUE MORRIS
 DON HARLAN MORRISON
 VIRGINIA EVANGELINE MOWRER
 GENEVIEVE BONITA MUNSON
 ELLUISE NESBIT NAUMANN
 GAY NELSON
 KENNETH JAMES NELSON
 MARJORIE ANN NEWLANDS
 JULIA ANN NOEL
 JULIUS ADAM NYKIEL
 GEORGE ALOYSIUS O'CONNELL, JR.
 MARY WILLIDEAN O'NEILL
 GWENDOLYN RUTH ORSINGER
 MOLLY RUTH OWEN
 FELICIA MARIE JEAN PACELLI
 PHILIP ALFRED PACYNA

JOHN LOWE PARKER
 ARTHUR ROBERT PARKISON
 MARJORIE RUTH PAULLIN
 JUNE DONMEYER PELLETT
 JOSEPH OLIVER PERRY
 LEVETT ALPHY PETERS
 RHODA PHILLIPS
 CLARENCE LOUIS POLASKI
 IDA EFFIE POLLARD
 JOSEPH J. PORTLE
 PAUL STEWART PRATHER
 EDMUND CARPENTER PUDDICOMBE, with
 Honors in Biology
 DORIS MAY PUTNAM
 EDWARD TEESSE PUTT
 JAMES HOWARD QUICK
 JEANNE FRANCES RANGER
 EMORY KEITH REES, with High Honors
 in German
 MARJORIE LENORE REISZ
 MICHELLE RESNICK
 HATTIE ETHEL RICE
 CHARLES ELBERT RITTER, JR.
 MARY JEANETTE ROBERTS
 KATHRYN ELIZABETH ROTHERT
 ROWENA LOIS RUDASILL
 FRANCES ARDINE RUSSELL
 LAVERNE MARJORIE SAMMONS, with
 Honors in Latin and in Education
 GEORGE ALBERT SATTER, with Honors
 in Education
 ELVIN COLLINS SAYRE
 VIRGINIA MARY SCANLIN
 WILLIAM JOHN SCHUCK
 MARIE ANTOINETTE SCHUERMAN
 CARL MILTON SCHULTZ
 KEITH WIMMER SEALES
 LOUISE MARIE SENF
 ISABEL SIEGEL
 WAYNE HESSONG SILVER
 EDITH ADA SILVERMAN
 RALPH SINCHA SILVERSTEIN
 HELEN IRENE SIMPSON
 MATHILDA CASAGRANDE SIMPSON
 DOROTHY EMILY SOUKUP
 BERNICE LORETTA SPAIN
 GLADYS ELEANOR SPENCER
 MARGARET ELENE SQUIRES
 ROLAND EDWARD STARCK
 ALBERT WILLIAM STATKUS
 JOHN ANDREW STERLING
 LOIS MARIAN STINSON
 JOSEPHINE STROKER
 ESTHER HANNAH STUTTLE
 BETTY ERMA SUNDMACHER
 THEODORE STEPHEN SUNKO
 PAUL LAVERN SWAN
 HAROLD ARTHUR SWANSON
 MERRITT WESLEY TAIT
 WILLIAM ROBERT TEMPLE
 THELMA FAYE TENDICK

ROBERT WILLIAM TENNYSON
 MADELINE ANN TOULME
 HELEN LAVON TROLLET
 BETTY FLORENCE TURCK
 BABETTE TWAITE
 LOIS RUTH TWEEDY
 MARCEINE HARRIET VANDAVEER
 CATHERINE ELIZABETH VAN GERPEN
 MARION VIRGINIA VILLIGER
 JAMES JOSEPH VOPIKA
 MARION CURTIS WALKER
 MARGARET MARIE WANDERER
 RICHARD ESPY WARD
 RUTH FELPS WEAKLY
 PHYLLIS VERNE WEAR

MARTHA OLIVE WESNER
 PEARL WINIFRED WHEATON
 ANNETTE WIEDER
 ELOISE LAMKINS WILKINS
 LOUISE ELAINE WILMOT
 BERNICE ADELAIDE WILSON
 DOROTHY ELIZABETH WILSON
 THOMAS PARR WILSON
 LEONA HENRIETTA WINTERMEYER
 RUTH OLIVE WITCRAFT
 WILLIAM GEORGE WITTMANN
 MERRILL JOHN ZAVODSKY
 DOROTHY RUTH ZERWECK
 CHRISTINE ZOLLER

In Home Economics Education

MARY ELIZABETH CORDIS
 MARY LIONA CRIPPIN
 RUBY MARIE ELLIOT
 EMMA LUCILLE HILLER

JEANNETTE ALLEN HODSON
 BETTY PRICE
 MAXINE OLIVE ROSENBERGER

In Industrial Education

WILLARD ARTHUR HARDY

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

CHESTER CHARLES BRANDT
 THOMAS EMERY BULL
 BAINBRIDGE BUNTING
 CHARLES LYMAN ELLIS, JR.
 WARREN ELWOOD GLOVER, with High
 Honors
 ROBERT FRANK HASTINGS, with High
 Honors

THOMAS JUSTIN IMBS
 FRED HENRY JOBUSCH
 FERDINAND ALOIS LOEBACH
 JACK J. MACKLAND
 GRABLE BARCELEAUX WEBER, JR.
 CARL ANTON WEERS
 MELVIN GEORGE WEITH

In Architecture

STANLEY HOUGHTON ARTHUR
 ARTHUR ALFONSO CARRARA
 DONALD RICKER HODGSON
 BARBARA MATILDA KNIPP
 ROBERT BUSH LITTLE, with Honors
 VIRGIL JOHN MILLER
 WARREN ROBERT RICHARDSON

FRED WILLIAM SCHURECHT
 WILLIAM SHINDERMAN
 RAYMOND JOHN STUERMER, with
 Honors
 ISIDORE DAVID TABACHNICK
 EUGENE WASSERMAN

In Music Education

ALLEN PERDUE BRITTON, with Honors
 MARY JANE CARTER
 DOROTHEA JUNE COX, with High
 Honors
 HELEN FORSYTH
 HELEN ELIZABETH JACKSON
 ALONZO FRANK LAPE
 JOYCE VIRGINIA MALOTT
 GEORGE HAROLD MILKWICK
 MARY ELIZA MILLS
 DORIS CHRISTINE OLSON
 GRAHAM THEODORE OVERGARD
 DOROTHY LOUISE PARKER

KATHRYN LUELLE PHILLIPS
 MARY MARJORIE SHARP
 LEONARD ADRIAN SMITH
 JOE DEAN STANLEY
 CARL ROBERT STOVER
 VIVIAN PRATT TAYLOR
 DOROTHY FRANCES TRAFTON
 GEORGE MITCHELL TURMAIL
 THELMA LOUISE UTTERBACK, with
 Honors
 FRED WILLIAM WESTPHAL, JR.
 PEGGY WILSON

Degree of Bachelor of Music

CHARLES HERBERT BECKMAN
ROBERT MAURICE BLACKARD
ASHLEY ROY COFFMAN

MARK FRANK DELEONARD
DORIS EVANGELINE VANCE, with High
Honors

Degree of Bachelor of Fine Arts*In Art Education*

FRED EDWIN JOERGER, with Honors
MARY AUGUSTA THOMAS

JEAN EMORY WILSON, with Honors

In Landscape Architecture

GEORGE FAIRBANKS CAUSEY
GLENN MORRIS DUNKLE
DONALD CLAYTON GEAKE

SAMUEL LESLIE HUDDLESTON
RODNEY SINCERE STRAUS

In Painting

KENNETH ROBERTS BARRICK, with
Honors
BARBARA LOUISE BUSCH
MARTHA SAYLOR CALLEN
GEORGE BRADFORD DEARING
ELEANOR VIRGINIA HOYT
REGINALD EARL MEEKER

CHARLOTTE LOUISE MILLER
DUNCAN COFFIN MORRISON
MARTHA HARTLEY RUSK
MARION SEILER
HENRY VOLLE, JR.
E. LUCILLE WILDERMAN
WALTER CONRAD WOLF

COLLEGE OF LAW**Degree of Bachelor of Laws**

PAUL ALEXANDER ALTIER, B.S., 1935
ROSCOE LAWRENCE BALL, JR., A.B., 1935
FRANK CLAUDE BARNES, A.B., 1935
JOHN BARR, B.S., 1935
JOHN HENRY BARTH, B.S., 1935
SAMUEL N. BARTH, A.B., 1935, with
Honors
ROYAL JAY BARTRUM, A.B., Illinois
Wesleyan University, 1934, with
Honors
BERNARD BENEDETTO, B.S., 1936
WAYNE RAYMOND BETTNER, B.S.,
Northwestern University, 1934,
with Honors
OLIN LORRAINE BROWDER, JR., A.B.,
1935, with Honors
HOWARD WILLIAMS CAMPBELL, A.B.,
1934
CLINTON OLIVER CLARK, JR., A.B., 1935
BYRON LEROY CONNELL, B.S., 1935
JOHN DAVIS DAILY, B.S., 1935
JOHN THOMAS DICKINSON, A.B., Illi-
nois Wesleyan University, 1934,
with Honors
THEODORE BRADFORD DUFEE, A.B., 1935
WESLEY ALFRED EBERLE, B.S., 1935
EDWARD CHRISTIAN EBERSPACHER, JR.,
A.B., 1930
WILLARD LELAND ECKHARDT, B.S., 1935,
with High Honors
FRED RAYMOND EISEMAN, JR., B.S., 1935

FRANCES ELEANOR ELFSTRAND, A.B.,
1935
KENNETH EDWARD EVANS, A.B., 1935
WILLIAM HOWARD GATES
J. HAROLD GLASCOCK, B.S., 1935
ROY HAROLD GLOCKHOFF, A.B., 1934
BERNARD THOMAS GRIMES, B.Ed., Illi-
nois State Normal University, 1934
JAMES RICE HANSSEN, A.B., 1934
LAWRENCE RAYMOND HATCH, B.S., 1935
ROBERT JOHN HORBERG, A.B., Augustana
College, 1934
WILLIAM WEBB JOHNSON, B.S., 1934
ELWOOD KENDRICK, B.S., North Dakota
Agricultural College, 1933
THOMAS BRYANT KENNEDY, A.B., 1934
VIRGINIA MORRIS KEUSINK, A.B., 1935
ROBERT HENRY KINDERMAN, B.S., 1935,
with Honors
SAMUEL HOUSTON LAY, A.B., 1936
NELSON HALL LAYMAN, B.S., 1935
ISADORE IRVING LEIKEN, A.B., Eureka
College, 1935
WAYNE THURLOW LEWIS, A.B., 1935,
with Honors
RUTH ELIZABETH LEYDIG, A.B., 1935
EDWIN WILMER MERRICK, JR., B.S., 1934
ROBERT E. MILLS, B.S., Northwestern
University, 1933
WENDELL EDSON OLIVER, B.Ed., Illinois
State Normal University, 1934

CLARENCE ECK PARTEE, B.S., 1935
 SAM SOLOMON PESSIN, A.B., 1935
 FRANK THEODORE PLATTNER, A.B., 1935
 JOHN EVERETT RICHARDS, A.B., 1935
 HOWARD TICE RUFF, B.S., 1935
 EDWIN WELLS SALE, B.S., Northwestern
 University, 1934
 CHARLES FRANCIS SHORT, A.B., 1935

SYDNEY O. SIMON, A.B., 1935
 LEN HOWARD SMALL, A.B., 1935
 JIM ELMER STIEHL, A.B., 1936
 RUSSELL NEIL SULLIVAN, A.B., Ober-
 lin College, 1925, with High Honors
 HARRY CARTER TEMPLE, Jr., B.S., 1934
 OSWALD DAN VESPA, B.S., 1935
 GUY RHODES WILLIAMS, A.B., 1936

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

LLEWELLYN BAIRD
 GEORGE JOSEPH BARMANN
 ELLIOTT JAMES BARNETT
 RICHARD FIELD BEAM
 STANLEY GEORGE BERGBOM
 EMIL GEORGE BEST
 MARIAN JUNE BORUCK
 GWEN ELEANORE DENTINGER
 DOROTHY BELLE DULANY
 CHARLES VERNON ELLINGTON
 JANE BRABANT ENGEL
 VIVIAN MARIE ETTELSON
 JACQUETTA ELIZABETH FEAVYEAR
 MARY ELDON FLEMING
 RICHARD EMIL GAUEN
 JEAN LOUISE GOUGLER
 MARY HARMON
 LESLIE WILSON HIGBIE
 DAVID GARDNER HOFF
 ALICE HUDELSON
 EDWARD MURRAY JONES
 GENEVIEVE GAY LEWIS
 GRACE LUISE LIESENDAHL
 KATHERINE JANE LIGHTBODY
 ANNA HARRIET MCCAMBRIDGE
 WILLIAM LANCEMAN MCCARTHY
 CLARA FRANCES MCGINTY
 ROBERT LEE MCGUIRE
 DOROTHY McLAUGHLIN
 KENNETH CHRISTIAN MEYER
 CHARLES WEIDNER MILLS
 EVELYN LOUISE MURPHY
 DOLORES ELAINE NAGODA
 PAUL WOODROW NEIDHARDT, with
 Honors

NATHALENE DOROTHY NEMITZ
 PAUL OLAFSSON
 RICHARD TUTTLE ORR
 HAROLD MEREDITH PAGE
 VIRGINIA PALFREY
 CARLTON ALBERT PALMER, JR.
 WILLIAM ROBERT PERSHALL
 JEANNE BARBARA PHILLIPSON
 LLOYD LAWRENCE PORTERFIELD
 RICHARD KENNETH REDFERN
 DOROTHY LOUISE REUSE
 LILBOURNE LESTER RICE
 WILLIAM EATON SCHEERER
 NORBERT SCHENK
 LILYAN MURIEL SCHRIER
 GEORGE SIMA
 AUGUST CARMIN SISCO
 LYALL FREDERICK SMITH, with Honors
 WALTER EDWARD SOWA, with Honors
 GODFREY SPERLING, JR.
 ROBERT LEONARD STEELE
 EDWIN LEROY STOLL
 WILLARD LINN THOMPSON
 MARY MINTER THOMSON
 LOUISE TRIMBLE
 CHARLES FERDINAND TUXHORN
 ROBERT DEAN UPP
 FRANCES COLLEEN WARNER
 DAVID CRAMER WELLING
 JANE EVELYN WELLS
 ARLEEN WILSON, with Honors
 ROBERT NORMAN WILT
 WARREN SWITZER WOODALL
 ELBERT ALFRED YAGOW

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

MARGARET ROSE COOKE
 TEMPLE GEANELL HAYWARD
 FRANCES KEYS
 JOSEPHINE PAYNE MEIXNER, with
 Honors
 FRANK THOMAS NICKELS

VIRGINIA LOUISE RUGH, with Honors
 JEAN ST. CLAIR STAEHLING
 CECIL JAMES TRIMBLE
 ARLENE JUNE WIEGNER
 VIRGINIA ALTA WRIGHT, with Honors

LIBRARY SCHOOL
Degree of Bachelor of Science

In Library Science

- ALICE JOSEPHINE ABEL, A.B., Indiana University, 1936
 EDITH STEINMAN ALLGAIER, A.B., University of Cincinnati, 1936
 ILO BERNADINE BALES, A.B., Simpson College, 1931, with Honors
 JOHN ROBERT BANISTER, A.B., University of Michigan, 1936
 DOROTHY KATHRYN BARTHOLOMEW, A.B., Northwestern University, 1936
 JEAN WATSON BEECHER, B.S., Northwestern University, 1936, with Honors
 MARY ALICE BOYETT, B.S., University of Alabama, 1934
 ANNA BROWN, A.B., University of Cincinnati, 1936, with High Honors
 MARETHAL BURQUIN, A.B., University of Louisville, 1932
 RUTH MILDRED CLARK, A.B., Louisiana College, 1935
 FLOSSIE MADELINE CORD, A.B., 1935, with High Honors
 ELIZABETH LUCILE DEADERICK, A.B., University of Tennessee, 1934
 HENRY VAIL DEALE, A.B., DePauw University, 1937
 RUTH NOLAND DIPBOYE, A.B., Indiana University, 1935
 DOROTHY GENEVIEVE DIXON, B.S., 1931
 RUTH MADELINE ERLANDSON, A.B., Knox College, 1928, with High Honors
 MARIAN FARR, A.B., Wilmington College, 1936
 MARGARET DUNNING FLICK, A.B., University of Richmond, 1930
 IRENE CARROLL FORD, A.B., University of Chicago, 1936
 KATHARINE FORSYTH, A.B., H. Sophie Newcomb Memorial College, 1925, with Honors
 ANNA EVELYN FOSTER, A.B., Butler University, 1934
 RUTH MARY GRAY, A.B., A.M., Drake University, 1924, 1926; A.M., Columbia University, 1930
 BERYL EMMA HOYT, A.B., Simpson College, 1936
 MARY SUE HUDSON, A.B., Texas State College for Women (Denton), 1936
 BESS LAING HUMPHRIES, A.B., University of Cincinnati, 1934
 EMILY LOUISE JACKSON, A.B., University of California at Los Angeles, 1934
 ELIZABETH JENKINS, A.B., Ohio Wesleyan University, 1932
 LOUIS KAPLAN, B.S., University of Chattanooga, 1930; A.M., Ohio State University, 1932
 FIDELIS JOSEPH KAUFMANN, A.B., Columbia College, 1922
 JEWEL DAVID KENNEMER, B.S., East Texas State Teachers College (Commerce), 1931
 CHARLENE ELIZABETH KING, A.B., St. Ambrose College, 1936
 ELIZABETH DAY KNAPP, A.B., University of Toledo, 1935
 LOIS MAE LYMPUS, A.B., Simpson College, 1934, with Honors
 FRANCES LOUISE MACOUGHTRY, A.B., Indiana University, 1936
 LOIS MARTIN, B.S., Southwest Missouri State Teachers College, 1935
 WINIFRED ALMA MCCUE, B.S., 1933
 DOROTHY BARBARA MCSKIMIN, B.S., Bradley Polytechnic Institute, 1934
 CLARENCE MILLARD MITCHELL, A.B., Lawrence College, 1916; A.M., State University of Iowa, 1933
 ENA RUTH MOORE, A.B., University of Tennessee, 1925
 ANNA NEAL MULLER, B.S., Kansas State College of Agriculture and Applied Science, 1921
 CATHERINE CARRIE NELSON, A.B., 1934
 MARY-LOUISE GERTRUDE NEUMANN, A.B., Carthage College, 1932
 CLARENCE S. PAINE, A.B., University of Nebraska, 1936
 CATHERINE AMY POWERS, A.B., Indiana University, 1936
 MARGARET CECILIA REHRING, A.B., A.M., University of Cincinnati, 1934, 1937
 EMILY EVALYN REICH, A.B., East Central State Teachers College (Ada, Oklahoma), 1936, with Honors
 DOROTHY MAE REUSS, A.B., Aurora College, 1935, with High Honors
 LEONA HELEN RINGERING, A.B., Shurtleff College, 1934
 LUCILLE CAMPBELL ROTCHFORD, A.B., Wheaton College, 1923

ELEANOR RUTH SCHAEFER, A.B., University of Missouri, 1936
 LAURETTA MARY SCHMITT, A.B., Rosary College, 1936
 PAULINE ELLEN SIMMONS, A.B., Earlham College, 1933
 SISTER MARY CELINE O'MALLEY, B.S., Saint Xavier College, 1930
 EUNICE HAZEL SPEER, B.S., Kansas State Teachers College of Emporia, 1930
 SARAH JANE SPENCER, A.B., Ohio Wesleyan University, 1936
 MARJORIE JEAN SPRAKE, A.B., Brooklyn College, 1936
 FELICIA MARIE STERLING, A.B., Columbia University, 1927
 HARRIETT STEUERNAGEL, A.B., Washington University, 1932
 MARY LEA STEWART, B.S., Oklahoma Agricultural and Mechanical College, 1933
 IVAH STOUT, A.B., Indiana University, 1922
 EUDOCIA STRATTON, A.B., Central State Teachers College (Mt. Pleasant, Michigan), 1926, with Honors
 MARGARET MARY SULLIVAN, B.S., Purdue University, 1932
 ORA THELEN, A.B., University of California (Berkeley), 1936
 DONALD EUGENE THOMPSON, B.S., Iowa State College, 1935
 LAURETTA REA TRICKEY, A.B., Phillips University, 1935
 ESTHER EYLENE VISSERING, A.B., Eureka College, 1936
 SUSAN MARIE WATT, A.B., Western College for Women, 1927; A.M., University of Chicago, 1929
 MARGARET WATKINS WHEELER, A.B., Connecticut College, 1927, with Honors
 ARTHUR ELMER WHITENACK, B.S., A.M., Ohio State University, 1926, 1929
 MALCOLM MACLEAN YOUNG, A.B., University of Georgia, 1934
 LILLIAN HELEN YUNGER, A.B., 1936

Degrees Conferred June 11, 1937, in Chicago

COLLEGE OF MEDICINE

Degree of Bachelor of Science

In Medicine

MORRIS ARAN ADLAND	EMANUEL BASS FAGMAN
DONALD WILLIAM ANDERSON	LAWRENCE EDMUND FOSTER
STANLEY EDWARD ANDERSON	KIEFFER EVANS FRANTZ
G. WILLIAM ARENDS	WENDELL RAYBURN FREEMAN
WILLIS HUGH ATKINSON	LEON PHILIP GARDNER
SODDIE JAMES BARKETT	HAROLD XEN GERBER
ADOLPH BARTOLI, JR.	SAMUEL BERNARD GOODSON
LEONARD ALBERT BECKER	HYMAN HARRY GORDON
ROBERT ARCHIE BEEBE	DONN ROBERTS GOSSOM
PAUL BINDER	ALAN D. GREEN
JACK JAMES BOCIAN	HAROLD ANTHONY GRIMM
EMMERT GEORGE BOEKE	EDWARD STANLEY GROSSMAN
GEORGE JOSEPH BREBIS, with Honors	NORTON ROBERT GROTH
WILLIAM JOHN BROWN	FLORENCE EUNICE HART
ALEXANDER MAURICE BUCHHOLZ	ROBERT DEAN HART
JOSEPH HARRY BUCKLEY	FRED ALBERT HEIMSTRA
GEORGE JOSEPH COOPER	FRANCIS JOSEPH HREJSA
THOMAS STEWART CUMMING	GROVER DONALD ICENOGL, with Honors
EMIL STEPHAN DANISHEK	JOHN BAPTIST IORIATTI
ALBERT HAROLD DIAMONDSTONE	HAROLD HERMAN JOFFE
RALPH MARVIN DORNE	ALDONA ANN JUSKA
MAURICE JOSEPH DRELL	RICHARD ERNEST KINZER
JACK WALTER DWORIN, with Honors	LOUIS KLEIN
LOUIS EHRLICH	SIDNEY KLEIN, Ph.G., 1926
NORMAN JAMES EHRLICH, with Honors	SIDNEY KLIGERMAN
HAROLD MARTIN ENGLE, with Honors	SYDNEY MAURICE KOLODNY
PETER THOMAS ESPOSITO	RAYMOND FRANK KONZTORSKI

PAUL KOTIN
 CHARLES RUDOLPH KUDOLLA
 EDWARD WICKLIFFE KUNCKEL
 JOSEPH FRANCIS KUZMA
 MORRIS LANG
 ISADORE LERNER
 PHILIP LERNER
 SYDNEY ALEXANDER LERNER
 LAWRENCE ARNOLD LEVITIN
 GABE CELSOR LONG
 HOWARD ARTHUR LOWY
 LAWRENCE STANLEY MANN
 JOHN STEPHEN MARTIN, Ph.G., 1926,
 with Honors
 JOHN ANTHONY MIRRO
 CHAUNCEY LEE MORTON
 DOROTHY JEAN NIEDERMAN, with
 Honors
 BENJAMIN FRANCIS NOVACK
 AMIEL LEWIS PALERMO
 EDWARD BERNARD PLATTNER, with High
 Honors
 IRVING MAYNARD REINGOLD
 GORDON LARAWAY RICHARDS
 JULIUS BENJAMIN RICHMOND

ALBERT R. ROSANOVA
 FRANCIS JOSEPH SAZAMA
 MILO HILL SCHOSSER
 ADRIAN LEONARD SCHREIBER
 MANUEL SCHREIBER
 EDWARD EMIL SCHUMACHER
 WILLIAM THURMAN SHAFFER
 MAYNARD IRWIN SHAPIRO
 BENJAMIN FRANKLIN SHIRER, JR.
 ALBERT JOSEPH SIMON, with Honors
 MELVIN SIMONSON
 LEO SMOLLAR
 EUGENE SPIERER
 CHARLES FREDERICK STAHL
 BERNARD STRASSMAN
 ALBERT SUMNER
 EVERT ANDERS SWENSSON
 RALPH STRONG TURNER
 GLEN HALL WALKER
 PHILIP THOMAS WEISBACH, JR.
 HENRY SOL WEISKOFF
 ALVIN WEISS
 LADDIE WALTER ZEMAN
 WILLIAM JOSEPH ZIMRING
 IRVING HERMAN ZITMAN, with High
 Honors

Certificate in Medicine

MORRIS ABRAMS, B.S., 1937
 J. JOSEPH ALION, B.S., 1935
 ALBERT HARRY ARGENT
 WILLIS HUGH ATKINSON
 DOROTHY MURIEL BAKER
 ARTHUR LOUIS BARBAKOFF, B.S., 1935
 SIDNEY MORRIS BERNSTEIN
 DUNCAN BIDDLECOMBE, B.S., 1937
 JOHN DEMPSIE BOLAND, B.S., 1936
 BRUCE MORGAN BROWN, B.S., 1935
 LEO JEROME BROWN, B.Ed., Southern
 Illinois State Teachers College,
 1932; B.S., 1935
 LEONARD SUMNER BUCK, B.S., 1935
 MAURICE SAUL BURDICK, B.S., Univer-
 sity of Chicago, 1931
 ROBERT DEFORREST BURLEY, B.S., 1935
 GEORGE BUSH, B.S., 1935
 BERNARD MANUEL CHAPMAN, B.S., 1935
 MEYER B. COHEN, B.S., 1935
 THEODORE MICHAEL COHEN, B.S., 1935
 CLARENCE COHRS, B.S., 1935
 MARSHALL A. COUSENS, B.S., 1935
 EARL SCOTT DAVIS
 ROBERT FULLER DEARBORN, B.S., 1937
 BRUNO ANTON DESULIS
 HARRY LOUIS DEUTSCH, B.S., 1935
 DONALD DICK, A.B., Cornell College,
 1932
 SOL PAUL DITKOWSKY, B.S., 1935
 THEODORE JACOB DULIN, B.S., 1936
 KATHERINE DUNCAN, B.S., 1936

MAURICE DUNN, B.S., 1935, with
 Honors
 LESTER HORROW EISENDORF, B.S., 1935
 SYDNEY FABIAN
 ERNEST THEODORE FAIGLE, Ph.C., B.S.,
 1930, 1936
 JOSEPH EDWIN FAINGOLD, Ph.C., B.S.,
 1929, 1935
 EVERETT GEORGE FALCONER, B.S., 1936
 PHILIP FALK, B.S., 1935, with Honors
 ABRAHAM WILLIAM FELDMAN, B.S.,
 1935
 BOURKE FIRFER, B.S., 1935
 FRANZ KARL FLEISCHLI, B.S., 1935
 ROBERT GEORGE FOX, B.S., 1935
 MITCHELL LOUIS FRANK, B.S., 1935
 WENDEL RAYBURN FREEMAN
 MAXWELL GAGE, B.S., 1935
 IRWIN EARLE GAYNON, B.S., 1937
 GEORGE JOSEPH DAVID GERTZ, B.S., 1935
 WILLIAM NIMMO GILMAN, A.B., B.S.,
 1934, 1935
 HERMAN GLADSTONE, B.S., Northwest-
 ern University, 1934
 HENRY BERNARD GOLDT, B.S., 1936
 ALAN D. GREEN
 MILTON DAVID GROSSMAN
 MARIE ANNA HAGELE, B.S., Lewis Insti-
 tute, 1931; M.S., 1936, with Honors
 EUGENE GREEN HAMILTON
 JOHN RICHARD HEATON, B.S., 1936
 JEROME FREDRICK HEINRICH, B.S., 1935

- EDMOND RICHARD HESS, B.S., 1935
 HOWARD EUGENE HEYER, B.S., 1935,
 with Honors
 JAMES LEOPOLD HORA, Ph.C., B.S., 1933,
 1935
 ISADORE ISOVITZ, B.S., 1935
 ABRAHAM IZZAK JACKMAN, B.S., 1935
 HENRY JOSEPH JACOBS, B.S., 1935
 HILERD WESTLEY JENKINS, B.S., 1935
 LEONARD ALVIN KAGEN, B.S., 1935
 LOWELL EDWIN KANNAPEL, A.B., Brad-
 ley Polytechnic Institute, 1933
 SAMUEL KANTOR, B.S., Northwestern
 University, 1932
 ISADORE ALLEN KAPLAN, B.S., 1935,
 with Honors
 JOSEPH HAROLD KAPLAN, B.S., 1935
 MAX KAPLAN, A.B., University of Ro-
 chester, 1933
 WALTER CURTIS KINSER, B.S., 1937
 RICHARD ERNEST KINZER
 MARTIN JOHN KLAIPMAN, B.S., 1935
 KARL KLOKKE, B.S., Wheaton College,
 1933
 MEYER WALTER KOBRIN, B.S., 1935
 LEONARD HYMAN KOLB, B.S., 1935
 WALTER S. KOTAS, B.S., 1933
 MEYER KUSHNER, B.S., 1935
 GEORGE JEROME KVIDERA, B.S., 1935
 HERBERT LACK, B.S., 1935, with Honors
 HERBERT SOL LAKIN, B.S., 1933
 HENRY PETER LATTUADA, B.S., 1935
 CHARLES RICHARD LENZ, JR., B.S., 1931
 MILTON LERNER, B.S., 1936
 JOSEPH MILTON LEVENSON, B.S., 1935
 MYRON JAME LEVIN, B.S., 1935
 EDWARD LEVINE, B.S., 1935
 BERNARD M. LIPSCHULTZ, B.S., 1936
 ROBERT EUGENE LOGSDON
 GABE CELSOR LONG
 MAURICE LORBER, B.S., University of
 Chicago, 1932
 VICTOR LORBER, B.S., University of Chi-
 ago, 1932, with High Honors
 EDWARD ALBERT LUKE, B.S., 1935
 BURLE BEAUREGARD MADISON
 PHILIP MILTON MARCUS, B.S., 1936
 THOMAS ANTHONY MCINERNEY, B.S.,
 Lewis Institute, 1933
 JEROME SAUL MEHLMAN, A.B., Western
 Reserve University, 1933, with
 Honors
 ABRAHAM MELAMED, B.S., 1935
 JOSEPH RUDOLPH MITCHELL
 LEON FRANK MOLDAVSKY, A.B., West-
 ern Reserve University, 1931; M.S.,
 1932
 MARTIN LUTHER MOSHER, JR., B.S., 1935
 RAYMOND BRERETON MURPHY, B.S.,
 Lewis Institute, 1932, with Honors
 ERNEST MARTIN NIELSEN
 LOUIS OLSMAN, B.S., 1935
 CARL PALUMBO
 SOLOMON PEARLMAN, Ph.B., Univer-
 sity of Chicago, 1933
 HYMAN PECK, Ph.C., B.S., 1929, 1935
 LOUIS JUDEA PERLMUTTER, B.S., 1935
 PAUL QUAYLE PETERSON, B.S., 1935
 REUBEN MAX REIFLER, Ph.G., B.S.,
 1926, 1935
 MILTON ROBIN, B.S., 1935
 WILLIAM ROSENBERG, B.S., 1935
 ALBERT HESSEL ROSENBLATT, B.S., 1935
 ROBERT R. ROTHSCHILD, B.S., 1935
 HARRY OSBOURNE RYAN, JR., B.S., 1935
 ZAL HYMAN SANDERS, B.S., 1935
 FRANCIS EUGENE SAUER, B.S., 1935
 MARGARET MARY SCANNELL, B.S., 1936
 WALTER WILLIAM SCHWARTZ, B.S., 1935
 WAYNE PULLEY SIRLES, B.S., 1935
 HERSCHEL STANLEY SMITH, A.B., 1933
 LEO SMOLLAR
 CARL K. SOLANDER, B.S., 1935
 EDWARD SOSSON, B.S., 1935
 ROBERT ANDREW SPENCER, B.S., 1935
 ISADORE SPINKA, B.S., 1935, with
 Honors
 WILLIAM EDWARD STEINER, B.S., 1935
 ROBERT HEALY STEVENS, B.S., 1935
 GRANT SUTTIE, B.S., 1935
 VLADIMIR CHRISTOV SVETANOV, B.S.,
 1935
 ROY FRANK TEBOREK, B.S., 1935
 MILTON R. TOBIAS
 RUSSELL GROVES TRUMMEL, B.S., M.S.,
 1925, 1931
 GLEN HALL WALKER
 JAMES BRUCE WALLER, B.S., 1935
 REUBEN ROBERT WASSERMAN, B.S.,
 1935
 DAVID WASSERMANN, B.S., 1935
 PAUL K. WEICHELBAUM, B.S., 1935
 HARRY I. WEINER, B.S., 1936
 BEN K. WILLIAMSON, B.S., St. Am-
 brose College, 1933
 ALLEN EDWARD WINER, B.S., 1935
 WILLIAM HENRY WRIGHT, B.S., 1935
 DILLMAN FORBES ZIEGLER, B.S., 1935
 JOSEPH JOHN ZUSKA, B.S., 1935, with
 Honors

Degree of Bachelor of Medicine

- ALFRED HILTON CASSIDY, B.S., Lewis
 Institute, 1932
 HAROLD WAYNE HAMMATT, B.S., 1933
 DOROTHY KATHRYN O'CONNOR, A.B.,
 B.S., 1933, 1935
 PAUL JOSEPH O'NEILL, A.B., M.S., B.S.,
 1932, 1933, 1936

GEORGE VERNON POTTER, B.S., 1934
WALTER SHRINER, B.S., M.S., 1935,
1937

MAYBELLE P. WILLIAMS, B.S., Shurtleff
College, 1932

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

In Dentistry

DAYTON BELAROUÉ BERK
ALFRED BLOCK, A.B., University of
Michigan, 1934
STEWART LEROY BOND
MARVIN EVERHARDT BROOKSTRA
ALEXANDER DONSHIK
MORRIS EIGEN
MAURICE AARON FERNHOFF
GLEN EVERETT FREY
WILLIAM JOSEPH GIBBS
IRVING GOLDSCHNEIN
JACK WILLIAM GOODMAN
SALVATORE GRIFFO
BERNARD GURIAN
RICHARD HOLIC

IRVING JULIAN HOLSTEIN
FRANKLIN ANDREW JOHNSON
ARTHUR BERNARD JUSTUS
EDGAR FREDERICK LANE
ALBERT ALLEN MARK
ROBERT LEE MOFFETT
HENRY STANLEY RADZIEWICZ, A.B.,
New York University, 1935
LAMBERTUS STEGEMAN RIEDEL
ABRAHAM SILVERSTEIN
SOLOMON I. SMITH
WILLIAM ROBERT STANMEYER
EDWARD JOSEPH SULLIVAN
MARVIN B. WEISS
EDWARD HERMAN WUNDERLICH

Degree of Doctor of Dental Surgery

HENRY FOX, B.S., 1935
JACK FRIEDLANDER, B.S., New York
University, 1933
JACOB MARTIN GOLDSTEIN, B.S., 1936
MURRAY MITCHELL HOFFMAN, B.S.,
1935
ARTHUR BERNARD JUSTUS
EDGAR FREDERICK LANE
JOHN JAMES LITTIG, B.S., 1935
JAMES NORMAN LYNCH, B.S., 1935
RALPH MARGULIES, B.S., College of
City of New York, 1932

ERWIN ROBERT MELCHER, B.S., 1935
HENRY MINTZ, B.S., New York
University, 1933
MAX MOTEW, B.S., 1935
DONALD FRANK NIX, B.S., 1935
LAMBERTUS STEGEMAN RIEDEL
EDWIN JACK ROSS
CAESAR RICHARD RUGGIERI, B.S., 1936
RUDOLPH SCHEIM, B.S., New York
University, 1932
CASIMIR SINIARSKI
HENRY LEWIS WENTE, B.S., 1936

COLLEGE OF PHARMACY

Degree of Bachelor of Science

In Pharmacy

CLIFFORD WILLARD ANDERSON
CHARLES HENRY BECKER, with Honors
PHILIP JOSEPH BOFFA
THERESA MARIE BROCCOLO
EDWARD WILDER BROWN
GEORGE WILLIAM BURHOP, B.S., North-
western University, 1934
FRANKLIN CHARLES CEVELA, B.S.,
Lewis Institute, 1932
CARL ALBERT COHN, B.S., University of
Chicago, 1932
MARCELLA LEONA DARGIS
CLARENCE EARL DENTON
JOHN WESLEY ELAM, B.S., Lewis
Institute, 1934
HARRY FLOWER

COLEMAN H. FOOTE
JULIUS FRANK
ROBERT COULTAS GASEN
SOPHIE INEZ GOLDBERG
JULIUS E. GOLEMBO
JEANETTE SYLVIA JACOBSON
SEYMOUR SANFORD KALOM
LEONARD CARL ALBERT KLEMMER
WILSON T. LACEY
FORREST VIRGIL LEONARD, with Honors
CHARLES JOSEPH LEONE
SAMUEL AARON LEWIS
RUTH VIRGINIA MADISON
FRANK THOMAS MAHER, with High
Honors
H. BERNARD MARDER

FLORENCE LOUISE MARTZ
 JOHN ROBERT MCENCROE
 MAXINE RUTH MCKEE
 JULIUS ALFRED MEYEROVITZ
 BERNARD MEYROWITZ
 FRED THEODORE MUETZE
 JOSEPH A. MULEY
 PAUL NAKTIN
 EDWARD JOSEPH OSMOLAK
 FRANK ERNEST PARKS, JR.
 NATHAN NORMAN POTKIN
 MILTON S. PRIZANT
 JOHN BRUNO PRZEPORSKI, with Honors
 IRVING J. RABINOWITZ
 BERNARD CHARLES ROSENBLOOM

JOHN PHILIP SAMUELS
 JOSEPHINE BERNADETTE SCALETTA
 MARTIN SCHWARTZ
 JOHN SCOTELLARO
 KENNETH MAYNARD STOBART
 RITA IRENE STREIT
 CHARLES WILLIAM STROUT
 GEORGE EMIL SVOBODA
 ARTHUR T. SYPNIEWSKI
 RUBIN URETZKY
 RAYMOND JOSEPH WARZYNSKI, with
 Honors
 BENJAMIN MAURICE WEISS
 IRVING ROBERT WITT
 STEPHANIE INFANTIA ZACK

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Bacteriology

NELL HIRSCHBERG, A.B., Smith College, 1928; A.M., University of Colorado, 1933. The effect of human tissue juices on tubercle bacilli.
 HERBERT ELI MCDANIELS, B.S., University of Chicago, 1925; M.S., 1932. Appraisal of public health work in Oak Park, Illinois.

In Physiological Chemistry

FRANCES AGNES BRIGGS, B.S., 1926; M.S., Tulane University, 1928. The effect of the intravenous injection of crystallized egg albumin on the excretion of the antigen and the blood proteins in the urine.
 HELEN WOODWARD WADE, B.S., Washington University, 1926; M.S., Iowa State College, 1929. Creatine and creatinine excretion in myotonia congenita.

Degree of Master of Science

In Bacteriology

FRANCES MARIE JACOBSON, B.S., 1933
 MYRON JAME LEVIN, B.S., 1935
 DOROTHY KATHRYN O'CONNOR, A.B., B.S., 1933, 1935
 EDWARD ERNEST VICHER, B.S., 1935

In Medicine

THRIFT GENE HANKS, B.S., 1936

In Obstetrics and Gynecology

GEORGE HENRY REZEK, A.B., M.D., 1928, 1933

In Pathology

LOUIS OLSMAN, B.S., 1935

In Physiological Chemistry

NORTON WIEDER HOLDER, A.B., Western Reserve University, 1935

DEGREE OF DOCTOR OF MEDICINE

The Secretary *Pro Tempore* presented also for record the following list of degrees of Doctor of Medicine conferred from January 1 to July 1, 1937:

HARRIE POND ALTMAN, JR., July 1
 HERBERT JACK APFELBERG, B.S., 1934, June 15

MILTON CHARLES BAUMANN, B.S., 1934.....	July 1
ARTHUR BERMAN.....	July 1
GEORGE WENCIL BOHR.....	June 6
HAROLD HENRY BOROS, B.S., Northwestern University, 1931; B.M., 1936.....	July 1
ABRAHAM BRODSKY, B.S., 1936.....	July 1
RAY ELWOOD BUCHER.....	July 1
LESTER PAUL BUNCHMAN.....	July 1
EDWARD MAURICE BURNS.....	June 6
JOHN GOOLSBY CECIL, B.S., 1934.....	July 1
RALPH ROBERT CHAPMAN, B.S., 1934.....	July 1
CHESTER COGGESHALL, B.S., 1934.....	July 1
JOHN LEWIS CUTLER, B.S., B.M., 1936.....	July 1
MEYER MERLE CUTLER, B.S., 1935.....	June 15
DUANE DELBERT DARLING, B.S., University of Chicago, 1930. With Honors, July 1	July 1
SYDNEY ALFRED DIAMOND, B.S., University of Chicago, 1931.....	July 1
HOWARD ELLSWORTH DORTON, B.S., 1934.....	July 1
BENJAMIN EINHORN, B.S., B.M., 1923, 1936.....	July 1
GERSON FADEN, A.B., 1931.....	February 10
IRVING FAVUS, B.S., 1934.....	July 1
PAUL EDWARD FELDMAN, B.S., University of Chicago, 1931.....	July 1
ROBERT VERNON FERRELL, B.S., 1936.....	July 1
JACOB C. FLEISCHER, B.S., Northwestern University, 1934.....	July 1
LEONA ROSEMARY FORDON, B.S., 1934.....	July 1
HAROLD S. FRIEDMAN, B.S., Northwestern University, 1931.....	July 1
EUGENE WARREN GESSLER, B.S., 1935.....	July 1
ALFRED JOSEF GOLDYNE, B.S., 1934.....	July 1
JOSEPH ROBERT GORAN.....	July 1
GASPER ASA GOSHGARIAN.....	June 15
MORRIS GREENBERG, B.S., 1934.....	July 1
JACOB GROSSBLAT, B.S., 1934.....	July 1
SAMUEL ALBERT GUNN, B.S., 1934.....	June 15
JOHN OLAF HANSON, B.S., 1934.....	July 1
GEORGE MELVIN HARMS, B.S., 1934.....	July 1
JOHN A. HAVLICEK, B.S., 1934.....	June 6
WADE FREDERIC HERITAGE, B.S., 1933.....	July 1
PAUL HERZOG, B.S., 1934.....	June 15
AARON ARTHUR HILKEVITCH, B.S., University of Chicago, 1934.....	July 1
ALLAN BONNER HIRSCHTICK, B.S., 1934.....	July 1
NATHAN LEONARD HOFFENBERG, B.S., 1935.....	July 1
MAURICE THOMAS HORSMAN.....	July 1
ELFRIEDE HORST, A.B., 1933.....	July 1
HAROLD DALE HUFF, B.S., 1935.....	July 1
KENNETH FRANKLIN HUGHES, B.S., 1933.....	July 1
WILLIAM ADDISON HUTCHISON.....	July 1
FRANCIS MARION JACKS, B.S., 1934.....	July 1
GARLAND URIAH JAMISON, A.B., 1931.....	July 1
NATALIA JULIA JANICKI, B.S., 1934.....	July 1
ERNEST ARTHUR KAHN, B.S., 1935.....	July 1
ELMER JOHN KALAL.....	July 1
JOHN STUART KAPERNICK, B.S., 1934.....	July 1
HENRY KAPLAN, B.S., 1934.....	June 15
SELIG JOEL KAVKA, B.S., 1934.....	June 15
ALFRED JOSEPH KLEIN, B.S., 1934.....	July 1
ERNEST S. KLEIN.....	July 1
CHARLES DONALD KRAUSE.....	June 15
ALFRED JOHN KREFT, B.S., 1934.....	July 1
RALPH KUHLMAN.....	July 1
CORINNA KURVINEN, B.S., University of Chicago, 1924.....	July 1
JOSEPH ARTHUR KWINT, B.S., 1934.....	July 1
HERMAN BORIS LANDER, B.S., 1934.....	July 1
GILBERT GEORGE LAPID, B.S., 1934.....	June 15

HARRY LASIN, B.S., 1936.....	July 1
FRED HUNTER LAWRENCE, A.B., B.S., 1932, 1934.....	July 1
EDWIN HARVEY LAWSON, B.S., University of Chicago, 1932; B.S., 1934.....	July 1
LOUIS LEVIN, B.S., 1934.....	July 1
MILTON JACK LEVISOHN, B.S., 1934.....	July 1
ROLAND MARCO LEVISOHN, B.S., 1934.....	July 1
SAMUEL LIEBMAN, B.S., M.S., 1934, 1936.....	June 24
SOL LUDMERER, B.S., 1934.....	July 1
LLOYD LOUIS MATZKIN, B.S., 1934.....	June 15
SIMON JACOB MAYDET, B.S., 1934.....	July 1
EMERSON KING McVEY.....	July 1
NATHAN HARRY MILLER.....	July 1
WILLIAM GOODRICH MOTEL, B.S., 1932.....	July 1
BERNARD BENJAMIN NEUCHILLER, B.S., 1936.....	July 1
EDWARD PALMER, Ph.B., DePaul University, 1928.....	July 1
ARTHUR KARL PETERSON, B.S., University of Chicago, 1932.....	June 15
FRED AUGUST QUENZER, B.S., 1935.....	June 6
STANLEY EVERETT ROBINSON.....	July 1
HERBERT EDGAR RUBIN, B.S., Northwestern University, 1932.....	July 1
REUBEN RUBISOFF, B.S., 1932.....	January 12
SEYMOUR R. SALBERG, B.S., 1934.....	May 25
PRESTON WALKER SAWYER, B.S., 1934.....	June 15
LOUIS SCHLAN, B.S., 1934.....	July 1
ERNST SCHMIDHOFER, JR.....	June 6
JOSEPH SCHWARTZ, B.S., Northwestern University, 1932.....	July 1
ARTHUR LOUIS SHAPIRO, B.S., 1934.....	June 15
IRENE SHMIGELSKI.....	July 1
DAVID B. SILBERT.....	July 1
ADAM SLAW, B.S., 1934.....	July 1
JOHN WALLACE STASTNY, B.S., University of Chicago, 1931.....	July 1
DAVID WILLIAM STEINBERG, B.S., 1934.....	July 1
HAROLD STEINBERG.....	July 1
HYMAN SYDNEY STEINBERG, B.S., 1934.....	July 1
DAVID HENRY STERN, B.S., 1936.....	July 1
ANTHONY EDWARD SUKIS.....	July 1
IRA TRESLEY, B.S., 1934.....	July 1
JAY DONALD TROTTER.....	July 1
HYMEN LEON UDESKY, B.S., 1934.....	July 1
CHESTER WADE, B.S., M.S., 1934, 1936.....	July 1
WILLIAM STANLEY WALSH, B.S., 1935.....	July 1
JOSEPH EUGENE WALTON, B.S., 1936.....	June 28
MILAN MICHAEL WASICK, B.S., 1934.....	June 15
LEONARD LESTER WEIL, B.S., 1936.....	July 1
JACK WEINBERG.....	July 1
ROSS RUSSELL WELLER, A.B., University of Wisconsin, 1932.....	July 1
CLARENCE BENJAMIN WYNGARDEN, B.S., Wheaton College, 1932.....	July 1
FRANCIS JOSEPH YOUNG, B.S., 1934.....	July 1
JOSEPH JOHANAN YOUNG, B.S., 1934.....	June 15
TOMMY RICHARD YOUNG, A.B., B.S., 1932, 1934.....	July 1
MARY ZELDES, A.B., Knox College, 1932.....	July 1
WILLIAM BERNARD ZELIK, B.S., 1932.....	June 20
SIDNEY EDWARD ZIFFREN, B.S., 1934.....	July 1
RAYMOND DUMONT ZIMONT, B.S., 1934.....	July 1

GRADUATE SCHOLARSHIPS

The Secretary *Pro Tempore* presented also for record the following list of graduate scholars appointed by the President of the University.

Chemistry.....	MICHAEL SYEDA...Eli Lilly Research Fellowship.....	\$750
Entomology.....	KENNETH LEE KNIGHT.....Scholarship.....	300

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary *Pro Tempore* presented also for record a list of appointments made by the President of the University.

Ades, H. W., Research Assistant in Psychology, for two months beginning July 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 23, 1937)¹

Batchelor, Vance, Supply Officer in the Military Department, for three months beginning June 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, in addition to the amount paid by the United States Government, for which the University assumes no responsibility. (June 12, 1937)

Beach, F. H., to give instruction in Business Organization and Operation, on two-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the second semester of the regular academic year, at an additional compensation of one hundred sixty dollars (\$160) for the session. (June 12, 1937)

Borst, Lyle B., Special Research Assistant in Chemistry, for two months beginning July 1, 1937, without salary. (June 22, 1937)

Boyd, Mrs. Ella, Director of Social Activities in the Mary E. Busey Hall, for the Summer Session of 1937, beginning July 1, 1937, and continuing until September 1, 1937, at a cash compensation at the rate of sixty-five dollars (\$65) a month, and maintenance, including living quarters, board, and personal laundry, while on duty. (June 21, 1937)

Breen, H. E., to give instruction in Accountancy, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Brown, Donald M., to give instruction in Mathematics, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Clements, Mrs. Ruth Hyland, Stenographer and Clerk in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, beginning June 16, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of eighty dollars (\$80) a month. (June 14, 1937)

Cooke, H. G., to give instruction in Organic Chemistry, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Dungan, G. H., to give instruction in Agronomy, on two-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred fifty dollars (\$250) for the session (this supersedes his previous appointment). (July 2, 1937)

Emerson, William S., Special Research Assistant in Chemistry, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2,000). (June 15, 1937)

Gray, Stephen W., to give instruction in Physiology, on two-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred dollars (\$100) for the session. (June 23, 1937)

Greeley, Paul W., Instructor in Surgery, in the College of Medicine, for two months beginning July 1, 1937, without salary. (June 30, 1937)

Gross, S. T., to give instruction in Chemistry, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, without salary. (June 12, 1937)

Hamilton, T. S., to give instruction in Animal Husbandry, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred forty-eight dollars thirty-three cents (\$248.33) for the session (this supersedes his previous appointment). (July 2, 1937)

Hamp, LeRoy R., to give instruction in Music, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the two semesters of the

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

regular academic year, at an additional compensation of five hundred dollars (\$500) for the session (this supersedes his previous appointment). (July 2, 1937)

Hays, Blanche, Stenographer in the Department of Animal Husbandry, in the College of Agriculture, for three months beginning June 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (June 21, 1937)

Huegy, H. W., to give instruction in Business Organization and Operation, on three-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of two hundred twenty dollars (\$220) for the session. (June 12, 1937)

Hunt, Sylvia, to give instruction in Library Science, on three-fourths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred eighty-seven dollars fifty cents (\$187.50) for the session. (June 12, 1937)

Kearns, Clyde Wilson, Special Research Assistant in Entomology, in the Agricultural Experiment Station in cooperation with the State Natural History Survey Division, beginning July 14, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (this supersedes his previous appointment). (July 3, 1937)

King, Burnham William, Jr., Special Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, beginning July 1, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (June 24, 1937)

Krebs, Karl F., Special Research Assistant in Chemistry, for two months beginning July 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 22, 1937)

Mattox, Norman T., to give instruction in Zoology, on three-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred fifty dollars (\$150) for the session (this supersedes his previous appointment). (June 23, 1937)

Musgrave, Mrs. Mildred Scheer, Stenographer in the Department of Animal Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, for three months beginning June 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (June 25, 1937)

Norton, L. J., to give instruction in Agricultural Economics, on three-eighths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of three hundred twelve dollars forty-eight cents (\$312.48) for the session (this supersedes his previous appointment). (July 2, 1937)

Ott, H. F., to give instruction in Physics, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred fifty dollars (\$250) for the session (this supersedes his previous appointment). (June 25, 1937)

Renner, Walter Adolph, Special Research Graduate Assistant in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (July 6, 1937)

Roberg, O. Theodore, Jr., Assistant in Surgery, in the College of Medicine, beginning June 15, 1937, and continuing through August 31, 1937, without salary. (June 24, 1937)

Shaw, R. I., to give instruction in Agricultural Engineering, on one-third time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred eighty-eight dollars (\$188) for the session (this supersedes his previous appointment). (July 2, 1937)

Siess, Chester Paul, Special Research Graduate Assistant in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (July 6, 1937)

Smith, Mrs. Mabel P., Director of Social Activities in the Laura B. Evans Hall, for the Summer Session of 1937, beginning July 1, 1937, and continuing until September 1, 1937, at a cash compensation at the rate of sixty-five dollars (\$65) a

month, and maintenance, including living quarters, board, and personal laundry, while on duty. (June 21, 1937)

Sveda, Michael, to give instruction in Inorganic Chemistry, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Tilden, Irving Leroy, Resident in the Department of Roentgenology, in the College of Medicine, for two months beginning July 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare (this supersedes his previous appointment). (June 16, 1937)

RESIGNATIONS AND CANCELLATIONS

The Secretary *Pro Tempore* presented also for record the following list of resignations and cancellations.

Atchley, F. M., Assistant in Agricultural Economics—resignation effective July 1, 1937.

Cary, Milo G., Supply Officer in the Military Department—resignation effective May 31, 1937.

Freeman, Hal E., Instructor in Hygiene and Medical Adviser for Men—resignation effective July 1, 1937.

Geis, Olive M., Assistant in the Hospital Laboratory, in the College of Medicine—cancellation effective July 1, 1937.

Goldberg, Louis, Laboratory Attendant in the Hospital Laboratory, in the College of Medicine—resignation effective June 16, 1937.

Heslip, M. F., to give instruction in Business Organization and Operation, in the Summer Session of 1937—resignation effective June 21, 1937.

Kukar, M. Bernice, Stenographer in the Department of Dairy Husbandry—resignation effective July 28, 1937.

Ruth, W. A., to give instruction in Horticulture, in the Summer Session of 1937—cancellation effective June 21, 1937.

Sayre, Charles R., Assistant in Agricultural Economics, in the Agricultural Experiment Station—resignation effective July 1, 1937.

Smittle, Wilmar R., Assistant in Dairy Manufactures, in the College of Agriculture and in the Agricultural Experiment Station—resignation effective July 15, 1937.

Sprague, Vance G., Assistant in Agronomy, in the College of Agriculture and in the Agricultural Experiment Station—resignation effective July 15, 1937.

Tappan, Edward A., Resident in the Department of Roentgenology, in the College of Medicine—resignation effective July 1, 1937.

Twomey, Mrs. Irene J., Assistant in Nutrition, in the Agricultural Experiment Station—resignation effective April 19, 1937.

The Board adjourned, to meet in Chicago, at the Blackstone Hotel, on August 2, 1937.

A. J. JANATA

Secretary Pro Tempore

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

August 2, 1937



The August meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:00 a.m. (Chicago Daylight Saving Time) on Monday, August 2, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. Lloyd Morey, Comptroller, Mr. C. S. Havens, Director of the Physical Plant Department, and Mr. A. J. Janata, Assistant to the President.

SECRETARY, PRO TEMPORE

In the absence of Mr. H. E. Cunningham, Mr. Janata acted as Secretary *Pro Tempore*.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

THE BUDGET FOR 1937-1938

(1) The University budget for the fiscal and academic years 1937-1938.

Mimeographed copies of the detailed salaries budget (Volume I) and of the expense and equipment budget (Volume II) were distributed to the members of the Board, together with an analysis showing the income from all sources and the distribution of the proposed expenditures.

The Comptroller presented a statement explaining the allocation of the income from State appropriations and the estimated income from all other sources available for the fiscal and academic years 1937-1938 for all budgetary purposes, as recommended by the President of the University.

Following a discussion of the budget, Mr. Moschel moved adoption of the salaries budget as recommended; at the suggestion of Mr. Adams this motion was withdrawn and action was deferred pending further consideration of the expense and equipment budget and of the proposal presented to the Board on July 16, 1937, in the Governor's message accompanying the veto of the building items in the biennial State appropriation for 1937-1939 that the Revolving Fund be used for the construction of new buildings, formal action on which had been deferred until the present meeting.

USE OF REVOLVING FUND FOR BUILDING PROGRAM

Mr. Adams moved that the Board allocate from the Revolving Fund for the biennium of 1937-1939 funds for the construction of such new buildings as the Board deems necessary.

Mr. Cleary moved to amend this motion to read: "that the Board allocate from the Revolving Fund for the biennium of 1937-1939 the sum of \$650,000 for the following buildings to be constructed during the biennium: Addition to University Library and equipment, \$350,000; Agricultural Laboratory Building and equipment and remodeling old quarters, \$150,000; new unit of building for Chemistry and equipment, \$150,000."

The yeas and nays being called, this motion was lost.

On the question of the original motion, the yeas and nays being called, this motion was lost.

Thereupon the Board took up consideration of the following statement and resolution, which had been prepared pursuant to its action on July 16, 1937, explaining in detail why the Board cannot use part of the Revolving Fund for 1937-1939 for the construction of new buildings.

UNIVERSITY OF ILLINOIS BUILDING PROGRAM

The Board of Trustees of the University of Illinois has given careful consideration to the Governor's message submitted with his veto of items for buildings aggregating \$650,000 in the act making appropriations for the University for 1937-1939 passed by the Sixtieth General Assembly, and particularly to the suggestion that these items can be taken from the Revolving Fund. In reply the Board respectfully submits the following:

In order to explain fully and adequately the significance of such an adjustment in the biennial budget, and its effect upon the University's educational and scientific program, it is necessary, first of all, to present a statement of the character, purposes, and functions of the Revolving Fund.

The Revolving Fund of the University consists of the receipts from student fees, sales of farm products, residence hall rentals, services to Federal departments and agencies affiliated with the University, and miscellaneous sources. The law requires that all money received by the University be deposited in the State treasury to the credit of the Revolving Fund. In order to disburse any part of this fund, an appropriation by the General Assembly is necessary. Disbursements from the fund for the operation of residence halls and similar auxiliary activities, and for services to other agencies for which the University simply receives reimbursement, aggregate \$600,000 per year, leaving for the biennium only \$2,500,000 representing income actually available for the educational budget of the University.

The budget of the University is based on the use of all income of the Revolving Fund, as well as Federal funds and interest on endowment, plus the specific appropriations from State tax revenues for salaries, office expense, travel, operation, repairs, and equipment. No one of the specific appropriations for these purposes from general tax funds is sufficient to meet the total necessary expenditures for these purposes. This fact is indicated in pages 4 and 9 of "Data Concerning the Budget for the Biennium 1937-1939" dated March 10, 1937, copies of which were presented to the Governor and members of the joint budget subcommittee of the General Assembly, also on pages 15 to 19 of the Comptroller's Report of June 30, 1936. Copies of these documents are submitted as Exhibits A and B,¹ respectively.

In further explanation of the relation of the Revolving Fund to the University's budget, the attached schedule (Exhibit C)¹ is submitted, showing the allocation of all funds appropriated to the University for 1937-1939. It shows how the Revolving Fund is budgeted. The University's budget, as passed by the General Assembly, represented reductions in the appropriations from State tax revenues of \$625,000 in operating items and \$625,000 in building items from the original budget submitted to the Department of Finance on November 1, 1936. These reductions were made by the Board of Trustees on May 13, 1937, before the budget was presented to the General Assembly. The budget as set up and analyzed in the memorandum of March 10, 1937 (Exhibit A), differed from the original budget of November 1, 1936, in two respects. It was found necessary to make an adjustment of \$250,000 in the Revolving Fund to cover the increase in the volume of non-income-producing transactions operating through that fund; and in January the Board added an item of \$250,000 for the first unit of a Journalism Building, which item however was later eliminated by the Board before the budget was presented to the General Assembly. This reduction was in addition to the reductions totaling \$1,250,000 made by the Board on May 13. The entire amount of the Revolving Fund has already been allocated to the various divisions of the University as a basis for their detailed budgets, and is necessary for their efficient operation.

The cash balance of the Revolving Fund in the books of the Auditor of Public Accounts on June 30, 1937, was \$328,883.29. This might suggest that a

¹These exhibits were filed with the Secretary of the Board for record.

large free balance existed in the fund. On the contrary, the cash balance just mentioned was made up of the following items:

Vouchers in process entered on the books of the University but not on the books of the Auditor.....	\$ 67 900 87
Encumbrances for purchases on which bills have not been received and vouchers rendered.....	15 564 17
Reserves for replacements and repairs in residence halls.....	32 176 23
Reserves for balances in C.P.A. Examinations Fund, and other special, restricted funds not available for general purposes.....	74 214 08
Receipts applicable to biennium 1937-1939.....	48 020 87
Unencumbered balance representing the general reserve of the University at that date.....	91 007 07
<i>Total</i>	\$328 883 29

Legally it would be possible to charge building items to the Revolving Fund, but there is no margin in the fund for these purposes after providing for the amounts necessary as indicated above.

Unlike conditions of a few years ago, the University has no reserve fund which it might use for building purposes. If building items were charged to the Revolving Fund, it would require a revision of the entire budget and would mean that the amounts available for salaries, new positions, wages, and all other operating expenses would have to be reduced by an equivalent amount.

In earlier years the Board of Trustees had a substantial unencumbered reserve in its Revolving Fund with which to meet emergencies and which was of sufficient size that provision could be made for capital items of a substantial amount (for example, see Exhibit D, Report of the Comptroller for 1930-1931, page 10).¹ During the depression period this reserve, the amount of which was \$208,366 as at June 30, 1931, together with a special reserve of \$240,000 which the Board had accumulated from the operation of its residence halls over a long period of years in the hope of eventually using it to build an additional residence hall, was expended for operation because of the deficiency in State tax revenues. As stated above, the corresponding balance on June 30, 1937, was only \$91,000, and this balance was already mortgaged to a large extent for necessary major repairs in the University Auditorium, which was closed recently because of extremely dangerous structural defects, in order to make it safe for student and general public use.

The Board of Trustees originally adopted a budget for 1937-1939 calling for an appropriation from State tax revenues of \$12,654,102. This did not provide for all of the University's needs, nor all that was recommended by the University's Council of Deans, Directors, and other administrative officials. It provided what, in the Board's judgment, would take care of the minimum needed merely to preserve the University's standing in meeting the demands created by a constantly increasing enrollment. This budget would have given the University \$10,779,102 for operation and \$1,875,000 for much-needed buildings, including a \$350,000 addition to the Library for which an appropriation was made in 1935 but which was also vetoed. As previously stated, on May 13, at the request of the Governor and to aid the State administration in balancing the State budget, the Board, fully recognizing that any reductions in the University's budget would impair its work, nevertheless voted to reduce the original budget by a total of \$1,250,000. It had also previously eliminated from the budget the item of \$250,000 for the first unit of a building for Journalism. Consequently the further reduction of the total budget by veto of what was left of the building program complicates still more the problem of making adequate provision for the needs of a rapidly growing institution, and will create a most difficult situation, not only for the coming biennium, but also for the more distant future.

No expenditures of any consequence for buildings have been made by the University out of State funds since 1929-1931, when the University constructed the first unit of its Medical and Dental Building in Chicago. An appropriation for the second unit was made in 1931-1933 but was allowed to lapse unused as

¹This exhibit was filed with the Secretary of the Board for record.

an economy measure. This unit is being financed by a Federal grant and loan, and a separate appropriation of \$350,000 for the equipment of this building is now available. An appropriation of \$50,000 was made in 1935 for a Mining and Metallurgical Laboratory addition. Thus in eight years the State will have appropriated to the University only \$50,000 for additions to its plant, whereas from 1921 to 1931 \$10,000,000 of State funds were provided for building purposes.

With the largest enrollment in the history of the University, and faced with the almost certain increase of about 1,500 more students during the coming biennium of 1937-1939, the University will now receive a biennial appropriation from State tax revenues of \$10,504,102, including the \$350,000 equipment appropriation for the new Medical and Dental Building in Chicago, as compared with \$12,115,000 for 1929-1931, of which \$2,500,000 was for buildings. The biennial appropriation from State tax revenues for 1935-1937 was \$8,723,802, of which \$50,000 was for a building addition.

In view of these considerations,

Now therefore be it resolved, by the Board of Trustees, that any use of the Revolving Fund for the construction of new buildings would require such a drastic revision of the entire operating budget, already below the minimum which in the judgment of the Board is needed merely to maintain the University's standards in the face of increasing enrollment and other demands upon its facilities, that, in the judgment of the Board, it would still further impair the University's educational and scientific program; and

Be it further resolved, that, in view of the suggestion in the veto message relative to further financial support if the revenues of the State permit, the Board of Trustees respectfully requests the Governor to include in the proclamation for any special session of the General Assembly which he may deem it necessary or advisable to issue, provision for the consideration of supplementary appropriations to the University of Illinois for the biennium of 1937-1939, and particularly appropriations for buildings and permanent improvements.

On motion of Mr. Moschel, this resolution was adopted.

On motion of Mr. Wieland, the President of the Board was directed to appoint a committee to present the above resolution to the Governor. President Karraker appointed the following Committee: Mr. Mayer, Mrs. Plumb, and President Willard; he stated that he would appear with the Committee at the conference with the Governor, and also requested the Comptroller, Mr. Morey, to be present.

The Board resumed consideration of the budget for 1937-1938 and the recommendations of the President of the University relating thereto.

BUDGET FOR 1937-1938

(1—*continued*) A recommendation that the following budget, covering the allocation of the University's income from all State appropriations (including the appropriation of the Revolving Fund representing all general income) as well as Federal funds and trust funds, and including provisions for all salaries, wages, operation, plant repairs and improvements, special, non-recurring appropriations, and all other expense for the fiscal year beginning July 1, 1937, and the academic year beginning September 1, 1937, be approved; that the President of the University be authorized to make such changes and adjustments as are needed, to make such additional appointments as are necessary, and to accept resignations offered, in accordance with the needs of the University and the equitable interests involved; and that the Executive Committee of the Board be hereby authorized to make appropriations from the General Reserve Fund and such other adjustments in the budget as may be needed from time to time whenever it is necessary to take such action in the absence of a quorum of the Board.

On motion of Mr. Cleary, the budget as printed below was approved as presented, and authority was granted as requested, by the

following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Mayer.

SUMMARY OF INTERNAL BUDGET FOR 1937-1938

The total of all State appropriations to the University for the biennium beginning July 1, 1937, was.....	\$14 499 632
Included in this total is the appropriation for equipment of the new Medical and Dental Building.....	350 000
Leaving for current expenditures for the two years a total of.....	\$14 149 632
This figure includes an estimated total of \$181,213 per year representing strictly revolving activities, such as sales of stores and services to affiliated organizations, refunds of student fees, and other similar items, a total for the biennium of.....	362 426
Leaving a net total applicable to the operating budgets of the two years amounting to.....	\$13 787 206
Of this total the following income is applicable to the second year of the biennium:	
One-half tax revenue appropriations.....	\$5 077 051
Federal funds (in State Treasury).....	163 318
Student fees (less Medical and Dental Laboratories rental, \$86,000).....	1 192 200
Sales and services, educational.....	337 788
Smith-Hughes reimbursements.....	15 000
Residence halls and hospitals.....	150 000
	<u>6 935 357</u>
Leaving the amount available from State appropriations for the year 1937-1938 for current expenditures.....	\$ 6 851 849
To this total is to be added the amounts received by the University from sources other than State appropriations and handled through its own treasury as follows:	
Federal funds (received directly and not subject to reappropriation by the State).....	\$ 712 640
Income reserved for rental on Medical and Dental College Laboratories Building.....	86 000
Gifts and income on endowments.....	268 585
	<u>1 067 225</u>
Making a grand total of estimated income for current purposes for 1937-1938.....	\$ 7 919 074

The budget of expenditures as submitted, with comparative figures of the budget of the preceding year, is as follows:

	1936-1937 Original Budget	1936-1937 Including Revisions	1937-1938 Budget (page 370)
Salaries and Wages.....	\$5 292 866	\$5 357 247	\$6 092 511
Expense and Equipment.....	1 383 682	1 536 633	1 790 708
Total.....	\$6 676 548	\$6 893 880	\$7 883 219

The increases represented by this budget, therefore, over the revised budget for 1936-1937 are as follows:

Salaries and Wages.....	\$735 264
Expense and Equipment.....	254 075
Total increase in expenditure budget from all funds.....	\$989 339
Add: Balance unappropriated in internal budget, and retained as general reserve.....	35 855
Total budget increase.....	\$1 025 194
Total estimated income, 1937-1938.....	\$7 919 074

Of the increased expenditures budget of \$989,339, the sum of \$156,719 is represented by increases in restricted Federal and trust funds. The remainder,

or \$832,620, represents the amount of increase for 1937-1938 in funds provided by State appropriations and included in the biennial budget.

Included in the budget (page 462) is a list of items of a special and non-recurring character amounting to \$88,740. These items include replacements of and additions to equipment in various departments, scientific publications of special character, and other unusual but essential expenditures.

The estimated income for 1937-1938 exceeds the proposed Board appropriations by \$35,855, which sum becomes a part of the General Reserve. The balance carried forward from the preceding year, after allowing for appropriations at the July 16 meeting, amounts to \$49,650, making a total reserve for the year 1937-1938 of \$85,505, as at this date.

Explanatory Notes

Departmental appropriations are made under the captions "Salaries and Wages" and "Expense and Equipment." Unless otherwise indicated, no transfers may be made between these appropriation captions except with the approval of the President of the University, except that adjustments may be made between the "Wage" provisions and "Expense and Equipment" upon written request to the Comptroller.

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1. All balances remaining at the end of the term indicated, or at August 31, lapse on those dates.

Funds appropriated for positions in the salary budget which are not yet filled may, pending regular appointments, be drawn against for services of an employee temporarily engaged to do the work contemplated by the position. Such temporary charges *may not exceed the amount of time provided by the position* unless otherwise approved by the President. When appointments are made at salary rates less than the amounts provided in the budget, the unused balance will lapse at that time.

Appropriations for Expense and Equipment and for Wages are available for one year beginning July 1 and ending June 30. These appropriations are based on an estimated distribution of expenditures according to the various budget classifications of "Office Expense, Travel, etc." Expenditures should be made in approximate accord with that distribution, material departure from which should be reported in advance to the Dean or Director or other officer concerned, and to the Comptroller. All unencumbered balances in these appropriations lapse June 30.

ESTIMATED INCOME, 1937-1938

<i>Educational and General</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
Student Fees:			
Gross.....	\$1 278 800	.....	\$1 278 800
Deduct: Estimated Refunds.....	50 000	.....	50 000
<i>Net, Fees.....</i>	<i>(1 228 800)</i>	<i>.....</i>	<i>(1 228 800)</i>
Interest on U. S. Land Grant Fund.....	32 451	.....	32 451
Public Appropriations:			
<i>Federal:</i>			
Morrill and Nelson Acts.....	50 000	.....	50 000
Bankhead-Jones Act (Teaching).....	82 211	.....	82 211
Hatch and Adams Acts.....	.....	\$30 000	30 000
Purnell Act.....	.....	60 000	60 000
Bankhead-Jones Act (Research).....	.....	65 052	65 052
Smith-Hughes Act.....	13 000	.....	13 000
Smith-Lever Acts (includes Bankhead-Jones Extension).....	.....	505 627	505 627
Capper-Ketcham Act.....	.....	38 461	38 461
Additional Cooperative Extension Act..	.....	13 500	13 500
<i>Total, Federal.....</i>	<i>(145 211)</i>	<i>(712 640)</i>	<i>(857 851)</i>
<i>State:</i>			
One-half Biennial Appropriations for current expense from tax revenue funds.....	5 034 600	.....	5 034 600
Cook County Experiment Station.....	.....	10 000	10 000
<i>Total, State.....</i>	<i>(5 034 600)</i>	<i>(10 000)</i>	<i>(5 044 600)</i>
<i>Total, Public Appropriations.....</i>	<i>(5 179 811)</i>	<i>(722 640)</i>	<i>(5 902 451)</i>
Sales and Services of Educational Departments, and Miscellaneous Sources:			
Medicine.....	25 000	.....	25 000
Dentistry.....	37 000	.....	37 000
Agriculture.....	300	179 950 ¹	180 250
All Other.....	62 700	31 837	94 537
<i>Total, Sales, Service, and Miscellaneous Sources.....</i>	<i>(125 000)</i>	<i>(211 787)</i>	<i>(336 787)</i>
<i>Total, Educational and General.....</i>	<i>(6 566 062)</i>	<i>(934 427)</i>	<i>(7 500 489)</i>
Auxiliary Enterprises and Activities.....	.....	150 000	150 000
Endowment Income and Expendable Gift Funds			
Educational Purposes:			
Endowment Income.....	.....	5 950	5 950
Gifts.....	.....	234 035	234 035
<i>Total.....</i>	<i>.....</i>	<i>(239 985)</i>	<i>(239 985)</i>
Non-Educational Purposes:			
Endowment Income.....	.....	11 865	11 865
Gifts.....	.....	16 735	16 735
<i>Total.....</i>	<i>.....</i>	<i>(28 600)</i>	<i>(28 600)</i>
<i>Total, Endowment Income and Expendable Gift Funds.....</i>	<i>.....</i>	<i>(268 585)</i>	<i>(268 585)</i>
<i>Grand Total, Estimated Income.....</i>	<i>\$6 566 062</i>	<i>\$1 353 012</i>	<i>\$7 919 074</i>
<i>Appropriations.....</i>	<i>6 530 207</i>	<i>1 353 012</i>	<i>7 883 219</i>
<i>Unappropriated Balance.....</i>	<i>\$35 855</i>	<i>.....</i>	<i>\$35 855</i>

¹For details, see page 410.

SUMMARY OF BUDGET APPROPRIATIONS, 1937-1938

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
General Administrative Offices and General Expense.....	\$480 038	\$19 537	\$499 575
Instruction and Departmental Research:			
Colleges, Schools, and Departments:			
Liberal Arts and Science.....	1 251 564	.....	1 251 564
Journalism.....	32 430	.....	32 430
Commerce.....	214 401	.....	214 401
Education.....	158 955	.....	158 955
Engineering.....	505 631	.....	505 631
Agriculture.....	315 442	52 650	368 092
Library School.....	33 810	.....	33 810
Law.....	68 355	.....	68 355
Fine and Applied Arts.....	214 312	200	214 512
Physical Education.....	160 083	.....	160 083
Military.....	11 918	2 900	14 818
Military Bands.....	14 370	2 200	16 570
Summer Session.....	112 000	.....	112 000
Medicine.....	534 383	.....	534 383
Dentistry.....	148 368	.....	148 368
Pharmacy.....	102 322	.....	102 322
University Extension.....	25 068	7 000	32 068
<i>Total</i>	(3 903 412)	(64 950)	(3 968 362)
Organized Activities Relating to Instructional Departments (self-supporting):			
Dairy Creamery.....	.....	50 800	50 800
Home Economics Cafeteria.....	.....	10 900	10 900
<i>Total</i>.....	.....	(61 700)	(61 700)
<i>Total, Instruction and Departmental Research</i>	(3 903 412)	(126 650)	(4 030 062)
Organized Research			
Bureau of Business Research.....	8 375	.....	8 375
Bureau of Educational Research.....	9 112	.....	9 112
Engineering Experiment Station.....	110 648	.....	110 648
Agricultural Experiment Station.....	382 877	223 652	606 529
Graduate School.....	101 920	.....	101 920
<i>Total, Organized Research</i>	(612 932)	(223 652)	(836 584)
Agricultural Extension.....	.....	564 588	564 588
Libraries.....	384 950	.....	384 950
Physical Plant Operation and Maintenance			
<i>Sub-total</i>	(6 355 467)	(934 427)	(7 289 894)
Special Equipment and Minor Improvements (non-recurring).....	88 740	.....	88 740
Rental of Medical and Dental College Laboratories Building.....	86 000	.....	86 000
<i>Total, Educational and General</i>	(6 530 207)	(934 427)	(7 464 634)
<i>Auxiliary Enterprises and Activities</i>.....	.....	150 000	150 000
<i>Endowment Income and Gift Funds</i>			
Educational Purposes.....	.....	239 985	239 985
Non-Educational Purposes.....	.....	28 600	28 600
<i>Total, Endowment Income and Gift Funds</i>.....	.....	(268 585)	(268 585)
<i>Grand Total</i>	\$6 530 207	\$1 353 012	\$7 883 219

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
General Administrative Offices and General Expense.....	\$ 365 720	\$133 855	\$ 499 575
Instruction and Departmental Research:			
Colleges, Schools, and Departments:			
Liberal Arts and Sciences.....	1 117 277	134 287	1 251 564
Journalism.....	28 670	3 760	32 430
Commerce.....	209 926	4 475	214 401
Education.....	148 135	10 820	158 955
Engineering.....	463 210	42 421	505 631
Agriculture.....	297 224	70 868	368 092
Library School.....	31 480	2 330	33 810
Law.....	65 860	2 495	68 355
Fine and Applied Arts.....	201 840	12 672	214 512
Physical Education.....	140 743	19 340	160 083
Military.....	9 130	5 688	14 818
Military Bands.....	12 620	3 950	16 570
Summer Session.....	109 000	3 000	112 000
Medicine.....	432 135	102 248	534 383
Dentistry.....	118 823	29 545	148 368
Pharmacy.....	88 942	13 380	102 322
University Extension.....	15 475	16 593	32 068
<i>Total.....</i>	<i>(3 490 490)</i>	<i>(477 872)</i>	<i>(3 968 362)</i>
Organized Activities Relating to Instructional Departments:			
Dairy Creamery.....	15 577	35 223	50 800
Home Economics Cafeteria.....	3 400	7 500	10 900
<i>Total.....</i>	<i>(18 977)</i>	<i>(42 723)</i>	<i>(61 700)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(3 509 467)</i>	<i>(520 595)</i>	<i>(4 030 062)</i>
Organized Research:			
Bureau of Business Research.....	6 825	1 550	8 375
Bureau of Educational Research.....	8 534	578	9 112
Engineering Experiment Station.....	94 910	15 738	110 648
Agricultural Experiment Station.....	432 439	174 090	606 529
Graduate School.....	72 320	29 600	101 920
<i>Total, Organized Research.....</i>	<i>(615 028)</i>	<i>(221 556)</i>	<i>(836 584)</i>
Agricultural Extension.....	448 443	116 145	564 588
Libraries.....	230 807	154 143	384 950
Physical Plant Operation and Maintenance	668 316	305 819	974 135
<i>Sub-total.....</i>	<i>(5 837 781)</i>	<i>(1 452 113)</i>	<i>(7 289 894)</i>
Special Equipment and Minor Improvements (non-recurring).....	.....	88 740	88 740
Rental of Medical and Dental College Laboratories Building.....	.....	86 000	86 000
<i>Total, Educational and General.....</i>	<i>(5 837 781)</i>	<i>(1 626 853)</i>	<i>(7 464 634)</i>
<i>Auxiliary Enterprises and Activities.....</i>	<i>49 500</i>	<i>100 500</i>	<i>150 000</i>
<i>Endowment Income and Gift Funds</i>			
Educational Purposes.....	180 455	59 530	239 985
Non-Educational Purposes.....	24 775	3 825	28 600
<i>Total, Endowment Income and Gift Funds.....</i>	<i>(205 230)</i>	<i>(63 355)</i>	<i>(268 585)</i>
<i>Grand Total.....</i>	<i>\$6 092 511</i>	<i>\$1 790 708</i>	<i>\$7 883 219</i>

EXPENDABLE ENDOWMENT INCOME, GIFTS, AND OTHER TRUST FUNDS

The balances and receipts of the following trust funds are appropriated for the purposes of the respective funds with the provision that the expenditures shall not exceed the receipts and balances of the individual funds. The details as to individual funds and amounts are shown in the Summaries of Colleges and Schools.

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction and Departmental Research:			
Liberal Arts and Sciences	\$ 200	.....	\$ 200
Commerce and Business Administration	3 500	.....	3 500
Fine and Applied Arts	1 000	\$ 50	1 050
Physical Education .....	.....	360	360
Medicine	700	.....	700
<i>Total, Instruction and Departmental Research</i>	(5 400)	(410)	(5 810)
Organized Research:			
Liberal Arts and Sciences	21 845	3 350	25 195
Commerce and Business Administration	1 500	.....	1 500
Engineering Experiment Station	93 150	33 480	126 630
Agricultural Experiment Station	21 660	8 000	29 660
Medicine	30 600	6 170	36 770
Dentistry	5 300	1 000	6 300
Pharmacy	1 000	160	1 160
<i>Total, Organized Research</i>	(175 055)	(52 160)	(227 215)
Library .....	.....	6 300	6 300
Physical Plant Operation and Maintenance .....	.....	660	660
<i>Total, Educational and General</i>	(180 455)	(59 530)	(239 985)
Non-Educational Purposes			
Scholarships, Fellowships, and Prizes	24 775	475	25 250
Miscellaneous .....	.....	3 350	3 350
<i>Total, Non-Educational Purposes</i>	(24 775)	(3 825)	(28 600)
<i>Grand Total</i>	\$205 230	\$63 355	\$268 585 ¹

¹Distributed as follows:

	<i>Educational and General</i>	<i>Scholarships, Fellowships, and Prizes</i>	<i>Miscella- neous</i>	<i>Total</i>
From Endowment Income	\$ 5 950	\$ 8 515	\$ 3 350	\$ 17 815
From Gifts	234 035	16 735	.....	250 770

THE SALARY BUDGET

Explanatory Notes

Unless otherwise indicated in the Budget:

1. All appointments begin September 1, 1937.
2. C. S. (Civil Service) appointments are for one year. Appointees to stenographic and clerical positions are assigned to departments at the convenience of the University. The University reserves the right to change such assignments during the year if the needs of the University and of the departments require such action.
3. The service required under appointments in this budget to positions on the teaching faculty covers the academic year of the University, not including the Summer Session. Salaries of such positions of the rank of Associate and above are paid in twelve equal monthly installments; salaries of other ranks, in ten equal monthly installments.
4. The service required in all positions in experiment stations and bureaus of research, and in research positions in other departments, is for a full year of twelve months, with allowance of one month for vacations, and salaries are paid in twelve equal monthly installments.
5. The service required in all other positions—administrative, clerical, and service positions—is for a full year of twelve months, with allowance for vacations, and salaries are paid in twelve equal monthly installments.

Symbols

- A—Indefinite tenure.
- B—Two years from September 1, 1937.
- D—One year from September 1, 1937.
- E—Ten months from September 1, 1937.
- F—Special tenure.
- G—Part time; the number following this symbol indicates the fraction of time in per cent.
- H—July 1, 1937, to June 30, 1938. (All wage items fall in this group).

**GENERAL ADMINISTRATIVE OFFICES AND DEPARTMENTS
AND GENERAL EXPENSE**

Summary

<i>Administrative Offices and General Departments</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Board of Trustees.....	\$ 1 695	\$13 325	\$15 020
President's Office.....	38 854	2 700	41 554
Provost's Office.....	15 100	2 400	17 500
University Counsel.....	10 200	800	11 000
Business Office—Urbana.....	82 411	14 260	96 671
Business Office—Chicago.....	14 900	2 200	17 100
<i>Total, Business Office.....</i>	<i>(97 311)</i>	<i>(16 460)</i>	<i>(113 771)</i>
Registrar's Office—Urbana.....	38 151	13 657	51 808
Registrar's Office—Chicago.....	6 730	500	7 230
<i>Total, Registrar's Office.....</i>	<i>(44 881)</i>	<i>(14 157)</i>	<i>(59 038)</i>
Dean of Men.....	24 260	3 486	27 746
Dean of Women.....	14 330	2 150	16 480
Information Office.....	5 181	159	5 340
University Press.....	12 965	14 166	27 131
High School Visitor.....	16 575	3 400	19 975
High School Conference.....	2 000 ¹	1 500	3 500
Public Information.....	7 184	3 439	10 623
Radio Station.....	10 768	6 377	17 145
Alumni Records.....	11 895	7 900	19 795
Community Adviser.....	1 935	.....	1 935
Bureau of Institutional Research.....	13 525	950	14 475
<i>General Expense</i>			
General Printing and Publishing.....	1 000 ¹	2 000	3 000
Honors Day.....	70 ¹	430	500
Commencement—(Urbana and Chicago).....	350 ¹	4 650	5 000
<i>Visiting Professorships, Lectures, and Other Functions.....</i>			
.....	2 000 ¹	1 200	3 200
Freshman Week.....	75 ¹	1 350	1 425
Injuries to Employees.....	2 000 ¹	1 000	3 000
Public Functions.....	500 ¹	2 000	2 500
Incidental and Emergency Fund.....	200 ¹	1 800	2 000
Membership in Organizations.....	.....	385	385
Faculty Committee on Patents.....	.....	1 000	1 000
Death Benefits.....	15 000 ¹	.....	15 000
McKinley Hospital.....	2 800	8 200	11 000
University of Illinois Foundation.....	.....	10 000	10 000
<i>Sub-total.....</i>	<i>(352 654)</i>	<i>(127 384)</i>	<i>(480 038)</i>
<i>Revolving Funds</i>			
Entrance Examinations Fund.....	6 134	3 125	9 259
Accountancy Fund.....	6 932	3 346	10 278
<i>Total, Revolving Funds.....</i>	<i>(13 066)</i>	<i>(6 471)</i>	<i>(19 537)</i>
<i>Total.....</i>	<i>\$365 720</i>	<i>\$133 855</i>	<i>\$499 575</i>

¹All wages.

BOARD OF TRUSTEES

		Salary
1. H. E. Cunningham, Secretary, Board of Trustees.....	DG17	\$ 895
(See University Press and Information Office.....)	DG83	4 105)
(Total salary.....)		5 000)
<i>Sub-total, Salaries</i>		(895)
2. Wages.....	H	800
<i>Total, Board of Trustees</i>		\$ 1 695

PRESIDENT'S OFFICE

1. A. C. Willard, President.....	A	\$ 15 000 ¹
2. David Kinley, President and Professor of Economics, <i>Emeritus</i>		3 000
(See Economics.....)		3 000)
(Total salary.....)		6 000)
3. A. H. Daniels, Acting President and Professor of Phi- losophy, <i>Emeritus</i>		1 954
(See Philosophy.....)		3 000)
(Total salary.....)		4 954)
4. A. J. Janata, Assistant to the President.....	D	6 000
5. H. B. Johnston, Executive Secretary (C. S.).....		4 500
6. A. R. Lee, Chief Clerk (C. S.).....		2 000
7. _____, Stenographer (C. S.).....		1 500
8. Lucille M. Copper, Stenographer (C. S.).....		1 400
9. Mrs. Marie M. Bierfeldt, Stenographer (C. S.).....		1 400
<i>Sub-total, Salaries</i>		(36 754)
10. Wages.....	H	2 100
<i>Total, President's Office</i>		\$ 38 854

PROVOST'S OFFICE

1. A. J. Harno, Provost.....	DG40	\$ 3 600
(See College of Law.....)	BG60	5 400)
(Total salary.....)		9 000)
2. _____, Educational Consultant.....	D	} 11 500 ²
3. _____, Assistant to the Educational Consultant..	D	
4. _____, Assistant to the Educational Consultant..	D	
5. _____, Secretary to the Provost (Exempt).....	D	
6. _____, Stenographer (C. S.)		
<i>Total, Provost's Office</i>		\$ 15 100

UNIVERSITY COUNSEL

1. Sveinbjorn Johnson, University Counsel.....	D	\$ 8 500
Professor of Law (On leave with full pay for second semester of 1937-38).....	A	.....
2. Naomi Fleming, Secretary (C. S.).....		1 700
<i>Total, University Counsel</i>		\$ 10 200

BUSINESS OFFICE, URBANA

(The divisions into which this budget is divided
are for administrative convenience only.)

General

1. Lloyd Morey, Comptroller.....	D	\$ 8 500
Professor of Accountancy.....	A	.....

¹With house and automobile.

²Salaries of individual positions to be determined by the President.

		Salary
2. Arthur Lincicome, Auditor and Assistant to the Comptroller (C. S.)		4 000
3. S. C. Smith, Assistant Auditor (C. S.)		2 600
4. Merle M. Rhoads, Chief Clerk (C. S.)		2 000
5. Gladys L. Paul, Stenographer (C. S.)		1 500
6. _____, Junior Accountant (Student)	DG50	600
7. _____, Junior Accountant (Student)	DG50	600

Accounting Division

8. C. H. Pratt, Chief Accountant (C. S.)		4 350
9. L. M. Dahlenburg, Assistant Chief Accountant (C. S.)		2 750
10. C. C. DeLong, Senior Accountant (C. S.)	G90	1 700
(See Accountancy Fund	G10	200)
(Total salary		1 900)
11. _____, Clerk (C. S.)		1 020
12. _____, Junior Accountant (C. S.)		1 200
13. P. E. Cameron, Junior Accountant (C. S.)		1 200
14. G. A. DaCosta, Junior Accountant (C. S.)	G37	485
(See Residence Halls	G55	675)
(See McKinley Hospital	G08	100)
(Total salary		1 260)
15. J. R. Carlson, Bookkeeper (C. S.)		1 020
16. _____, Typist (C. S.)		960
17. Naomi L. Leonard, Clerk and Typist (C. S.)		1 200
18. Beulah J. Houston, Typist (C. S.)		1 020
19. Marjorie Stillwell, Typist (C. S.)		1 020
20. R. A. Henderson, Typist (C. S.)		1 020
21. _____, Typist (C. S.)		960

Bursar's Division

22. C. A. Webber, Bursar (C. S.)		4 000
23. H. A. Hazleton, Assistant Bursar (C. S.)		2 800
24. J. I. Johnson, Head Cashier (C. S.)		1 920
25. N. D. Hodges, Student Loan Assistant .....		.....
(From Student Loan Income		1 800)
26. G. W. Michael, Assistant Cashier (C. S.)		1 500
27. R. F. Wood, Junior Accountant (C. S.)		1 380
28. Mrs. Hortense S. Johnson, Payroll Clerk (C. S.)		1 500
29. Cecil Swinehart, Assistant Cashier (C. S.)		1 260
30. Gladys Hollingshead, Typist (C. S.)		1 140
31. A. B. Carson, Junior Typist (C. S.)		1 020
32. Mrs. Evelyn M. Snyder, Stenographer (C. S.)		1 200
33. Mrs. Marjorie C. Munson, Junior Accountant (C. S.)		960
34. _____, Typist (C. S.)		900

Purchasing Division

35. H. M. Edwards, Purchasing Agent (C. S.)	G83	5 050
(See Business Organization and Operation	FG17	200)
(Total salary		5 250)
36. Clarence P. Slater, Assistant Purchasing Agent (C. S.) ..		3 500
37. W. M. Tullock, Traffic Assistant (C. S.)		2 700
38. H. F. Thornes, Clerk (C. S.)		1 900
39. E. G. Smith, Clerk (C. S.)		1 800
40. Zella Ulum, Stenographer (C. S.)		1 560
41. Mrs. Calla B. Richards, Stenographer (C. S.)		1 200
42. Mary Martinie, Stenographer (C. S.)		960
43. W. K. Lumsden, Storekeeper, <i>Retired</i>		856

		<i>Salary</i>
44. J. M. Lindgren, Technical Analyst and Supervisor of General Chemical Storeroom.....	D	.....
(From Applied Chemistry Testing Fund.....)	DG	1 637)
(From General Chemical Storeroom.....)	DG	1 163)
(See Chemistry, Item 38.....)	DG	500)
(From Athletic Association.....)	DG	1 800)
(Total salary.....)		5 100)
45. C. C. Crawford, Storekeeper (C. S.).....		.....
(From General Chemical Storeroom.....)		1 800)
46. W. L. Bennett, Stock Record Clerk (C. S.).....		.....
(From General Chemical Storeroom.....)		1 800)
47. F. C. Pearson, Storekeeper (C. S.).....		.....
(From Office Supply Storeroom.....)		1 800)
48. L. A. Wilson, Junior Accountant (C. S.).....		.....
(From Tabulating Machine Operation.....)		1 500)
<i>Sub-total, Salaries</i>		(78 811)
49. <i>Wages</i>	H	3 600
<i>Total, Business Office, Urbana</i>		\$ 82 411

BUSINESS OFFICE, CHICAGO

1. J. E. Millizen, Business Agent (C. S.).....		\$ 4 800
2. J. F. Knight, Junior Assistant Purchasing Agent (C. S.)..		2 100
3. Mrs. Florence Nelson, Junior Accountant (C. S.).....		1 800
4. _____, Senior Clerk (C. S.).....		1 720
5. Mrs. Miriam Stillman, Senior Clerk (C. S.).....		1 540
6. Gertrude Goatley, Senior Stenographer (C. S.).....		1 440
7. _____, Senior Clerk (C. S.).....		1 500
8. David Henze, Dental Storekeeper (C. S.).....		.....
(From Dental Supply Room Overhead.....)		1 800)
9. W. A. Powers, Junior Clerk (C. S.).....		.....
(From Chicago General Storeroom Overhead.....)		1 200)
<i>Sub-total, Salaries</i>		(14 900)
10. <i>Wages</i>	H	.....
<i>Total, Business Office, Chicago</i>		\$ 14 900

REGISTRAR'S OFFICE, URBANA

(The divisions into which this budget is divided
are for administrative convenience only.)

1. G. P. Tuttle, Registrar (C. S.).....		\$ 5 500
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Division of Admissions

2. D. A. Grossman, Examiner (C. S.).....	G72	3 096
(See Accountancy Fund.....)	G20	860)
(See Entrance Examinations Fund.....)	G08	344)
(Total salary.....)		4 300)
3. E. J. Smith, Assistant Examiner (Student).....	DG15	225
(See Entrance Examinations Fund.....)	DG60	930)
(Total salary.....)		1 155)
4. Harriet E. Hamm, Assistant Examiner (C. S.).....		2 100
5. M. Zella Hall, Assistant Examiner (C. S.).....	G46	968
(See Accountancy Fund.....)	G54	1 132)
(Total salary.....)		2 100)

Division of Records

6. L. A. Boice, <i>Retired</i>		1 480
7. E. C. Seyler, Recorder (C. S.).....		3 300
8. Mrs. Tabitha B. Ridge, Assistant Recorder (C. S.).....		1 800
9. M. Priscilla Howe, Assistant Recorder (C. S.).....		2 000
10. Dorothy Clark, Assistant Recorder (C. S.).....		1 500
11. Verna L. Everett, Record Clerk (C. S.).....		1 000

	Salary
12. Rosene Hawthorne, Record Clerk (C. S.).....	1 300
13. Vivian Glenn, Record Clerk (C. S.).....	1 000
14. Ruth Clinite, Record Clerk (C. S.).....	912
15. _____, Record Clerk (C. S.).....	960

Division of Statistics

16. Mary E. Johnston, Record Clerk (C. S.).....	1 400
17. Helen A. Pleshar, Record Clerk (C. S.).....	1 020

General Assistants

18. Alta Bagott, Filing Clerk (C. S.).....	G80	1 200
(See Entrance Examinations Fund.....)	G20	300)
(Total salary		1 500)
19. Mrs. Lucy J. Tucker, General Assistant (C. S.).....	G90	860
(Entrance Examinations Fund.....)	G10	100)
(Total salary		960)
20. Carrie McGreevy, Head Stenographer (C. S.).....	G64	960
(See Accountancy Fund.....)	G36	540)
(Total salary		1 500)
21. _____, Stenographer (C. S.).....		1 200
22. _____, Stenographer (C. S.).....		.....
(See Entrance Examinations Fund.....)		960)
<i>Sub-total, Salaries</i>		(33 781)
23. Wages.....	H	4 370
<i>Total, Registrar's Office, Urbana</i>		\$ 38 151

REGISTRAR'S OFFICE, CHICAGO

1. George R. Moon, Examiner and Recorder (C. S.).....	G50	\$ 2 200
(See Medicine, Administration.....)	G50	2 200)
(Total salary		4 400)
2. Velma M. Davis, Assistant to Examiner and Recorder (C. S.).....		1 500
3. Mrs. Ethel Engeljohn, Junior Registration Clerk (C. S.).....	G33	600
(See Medicine, Administration.....)	G67	1 200)
(Total salary		1 800)
4. Therese Stadler, Clerk and Stenographer (C. S.).....		1 300
5. _____, Clerk and Stenographer (C. S.).....		1 080
<i>Sub-total, Salaries</i>		(6 680)
6. Wages.....	H	50
<i>Total, Registrar's Office, Chicago</i>		\$ 6 730

DEAN OF MEN

1. F. H. Turner, Dean of Men.....	B	\$ 5 560
2. C. R. Frederick, Assistant Dean of Men.....	D	2 800
3. D. F. Bracken, Assistant Dean of Men.....	D	2 800
4. G. A. McConnell, Assistant to the Dean of Men.....	D	1 500 ¹
5. Hazel A. Yates, Secretary to the Dean of Men (Exempt)	D	1 600
<i>Sub-total, Salaries</i>		(14 260)
6. Wages.....	H	10 000
<i>Total, Dean of Men</i>		\$ 24 260

DEAN OF WOMEN

1. Maria Leonard, Dean of Women.....	B	\$ 5 560
2. Irene D. Pierson, Assistant Dean of Women.....	D	2 500
3. Mildred A. Fisher, Assistant to the Dean of Women (C. S.).....	DG50	1 100
(See Residence Halls.....)	DG50	400)
(Total salary		1 500)

¹With privilege of taking not to exceed 8 hours of work in College of Law.

		Salary
4. Frances E. Swanson, Secretary to the Dean of Women (Exempt).....	D	1 800
5. Frances M. Stiritz, Stenographer (C. S.).....		1 080
Sub-total, Salaries		(12 040)
6. Wages	H	2 290
Total, Dean of Women.....		\$ 14 330

INFORMATION OFFICE

1. H. E. Cunningham, Director.....	D	.....
(Salary under University Press and Board of Trustees)		
2. Anna L. Neuber, Assistant Director (C. S.).....		\$ 2 850
Sub-total, Salaries		(2 850)
3. Wages	H	2 331
Total, Information Office.....		\$ 5 181

UNIVERSITY PRESS

1. H. E. Cunningham, Director of the University Press and Information Office.....	DG83	\$ 4 105
(See Board of Trustees.....)	DG17	895)
(Total salary		5 000)
2. H. C. Oesterling, Editor (C. S.).....		3 700
3. Maude Archdeacon, Stenographer and Clerk (C. S.)....		1 500
4. Helen L. Smith, Editorial Assistant (C. S.).....		1 460
5. _____, Editorial Assistant (C. S.).....		1 200
6. C. W. Reagan, Superintendent of Print Shop (C. S.)....		.....
(From Print Shop.....)		4 200)
7. C. E. Herman, Assistant Superintendent of Print Shop (C. S.).....		.....
(From Print Shop.....)		3 300)
8. W. V. Munnis, Junior Accountant (C. S.).....		.....
(From Print Shop.....)		1 900)
9. Lillian A. Weinheimer, Proofreader (C. S.).....		.....
(From Print Shop.....)		1 300)
10. Frances Mercer, Proofreader (C. S.).....		.....
(From Print Shop.....)		1 300)
Sub-total, Salaries		(11 965)
11. Wages	H	1 000
Total, University Press.....		\$ 12 965

HIGH SCHOOL VISITOR

1. A. W. Clevenger, High School Visitor with rank of Professor.....	D	\$ 5 300
2. H. D. Trimble, Assistant High School Visitor.....	D	3 800
3. F. C. Hood, Assistant High School Visitor.....	D	3 000
4. _____, Assistant High School Visitor.....		2 800
5. Frances M. Laughner, Secretary (C. S.).....	D	1 600
Sub-total, Salaries		(16 500)
6. Wages	H	75
Total, High School Visitor.....		\$ 16 575

PUBLIC INFORMATION

1. J. F. Wright, Director.....	DG60	\$ 3 849
(See Radio Station.....)	DG40	1 751)
Associate Professor of Journalism.....	A	.....
(Total salary		5 600)
2. F. E. Schooley, Assistant to Director.....	DG45	1 185
(See Radio Station.....)	DG30	965)
(See School of Journalism.....)	EG25	700)
(Total salary		2 850)

		<i>Salary</i>
3. Mrs. Juanita Gates, Secretary (C. S.).....	G50	750
(See Radio Station.....)	G50	750)
(Total salary.....)		1 500)
4. George Jennings, Educational Program Producer (C. S.)		
(On leave without pay to Nov. 1, 1937).....	G50	1 000
(See Radio Station.....)	G50	1 000)
(Total salary.....)		2 000)
<i>Sub-total, Salaries</i>		(6 784)
5. Wages.....	H	400
<i>Total, Public Information</i>		\$ 7 184

RADIO STATION

1. J. F. Wright, Director.....	DG40	\$ 1 751
Associate Professor of Journalism.....	A	.....
(See Public Information.....)	DG60	3 849)
(Total salary.....)		5 600)
2. F. E. Schooley, Assistant to Director.....	DG30	965
(See Public Information.....)	DG45	1 185)
(See School of Journalism.....)	EG25	700)
(Total salary.....)		2 850)
3. Mrs. Juanita Gates, Secretary (C. S.).....	G50	750
(See Public Information.....)	G50	750)
(Total salary.....)		1 500)
4. A. James Ebel, Technician-Chief Engineer (C. S.).....		1 800
5. A. E. Cohen, Musical Director.....	EG35	665
(See School of Music.....)	EG65	1 235)
(Total salary.....)		1 900)
6. George Jennings, Educational Program Producer (C. S.)		
(On leave without pay to Nov. 1, 1937).....	G50	1 000
(See Public Information.....)	G50	1 000)
(Total salary.....)		2 000)
<i>Sub-total, Salaries</i>		(6 931)
7. Wages.....	H	3 837
<i>Total, Radio Station</i>		\$ 10 768

ALUMNI RECORDS

1. Carl Stephens, Director of Alumni Relations (C. S.).....		\$ 3 000
(Paid by Alumni Association.....)		1 800)
(Total salary.....)		4 800)
2. Gleyne Goodwine, Alumni Recorder (C. S.).....		2 530
(Paid by Alumni Association.....)		720)
(Total salary.....)		3 250)
3. Mrs. Ramona L. Walker, Junior Accountant (C. S.).....		1 500
(Paid by Alumni Association.....)		100)
(Total salary.....)		1 600)
4. Christine F. Aden, Clerk and Typist (C. S.).....		1 325
5. Ellen Ryniker, Editorial Assistant (C. S.).....		1 300
6. R. K. Lumsden, Clerk (C. S.).....		1 425
<i>Sub-total, Salaries</i>		(11 080)
7. Wages.....	H	815
<i>Total, Alumni Records</i>		\$ 11 895

COMMUNITY ADVISER

1. R. E. Hieronymus, Community Adviser, <i>Emeritus</i>		\$ 1 935
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BUREAU OF INSTITUTIONAL RESEARCH

1. C. R. Griffith, Director.....	DG75	\$ 4 875
(See College of Education.....)	AG25	1 625)
(Total salary.....)		6 500)
2. A. H. Winakor, Statistician.....	D	3 000

		<i>Salary</i>
3. Kathryn Rothert, Research Assistant.....	D	I 200
4. Genevieve Vencill, Clerk (C. S.).....		I 400
5. Lydia Hansen, Secretary (C. S.).....		I 350
6. _____, Stenographer (C. S.).....		I 200
<i>Sub-total, Salaries</i>		(I3 025)
7. Wages.....	H	500
<i>Total, Bureau of Institutional Research</i>		\$ I3 525

McKINLEY HOSPITAL
(University appropriation only)

1. Mrs. Lois Hoag, Acting Superintendent of McKinley Hospital (C. S.)		\$ I 800 ¹
2. Mrs. Aline Erickson, Dietitian (C. S.).....	E	900
3. G. A. DaCosta, Junior Accountant (C. S.) (See Business Office, Item 14).....	Go8	100
<i>Total, McKinley Hospital</i>		\$ 2 800

ENTRANCE EXAMINATIONS FUND

1. D. A. Grossman, Examiner (C. S.).....	Go8	\$ 344
(See Registrar's Office.....)	G72	3 096)
(See Accountancy Fund.....)	G20	860)
(Total salary		4 300)
2. E. J. Smith, Assistant Examiner (Student).....	DG60	930
(See Registrar's Office.....)	DG15	225)
(Total salary		I 155)
3. Alta Bagott, Filing Clerk (C. S.).....	G20	300
(See Registrar's Office.....)	G80	I 200)
(Total salary		I 500)
4. Mrs. Lucy J. Tucker, General Assistant (C. S.).....	G10	100
(Registrar's Office	G90	860)
(Total salary		960)
5. _____, Stenographer (C. S.).....		960
<i>Sub-total, Salaries</i>		(2 634)
6. Wages.....	H	3 500
<i>Total, Entrance Examinations Fund</i>		\$ 6 134

ACCOUNTANCY FUND
(Revolving)

1. D. A. Grossman, Examiner (C. S.).....	G20	\$ 860
(See Registrar's Office.....)	G72	3 096)
(See Entrance Examinations.....)	Go8	344)
(Total salary		4 300)
2. M. Zella Hall, Assistant Examiner (C. S.).....	G54	I 132
(See Registrar's Office.....)	G46	968)
(Total salary		2 100)
3. Carrie McGreevy, Head Stenographer (C. S.).....	G36	540
(See Registrar's Office.....)	G64	900)
(Total salary		I 500)
4. C. C. DeLong, Senior Accountant (See Business Office, Item 10)	G10	200
<i>Sub-total, Salaries</i>		(2 732)
5. Wages.....	H	4 200
<i>Total, Accountancy Fund</i>		\$ 6 932

¹With maintenance, including living quarters, board, and laundry, while hospital is in operation.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$22 426	\$5 584	\$28 010
Personnel Division.....	17 000	8 000	25 000
Astronomy.....	4 725	440	5 165
Bacteriology.....	20 154	4 500	24 654
Botany.....	39 952	2 640	42 592
Chemistry.....	213 579	88 500	302 079
Classics.....	20 757	137	20 894
English.....	202 394	2 108	204 502
Entomology.....	18 250	2 492	20 742
Geology and Geography.....	53 217	2 094	55 311
German.....	35 816	224	36 040
History.....	65 990	319	66 309
Mathematics.....	108 459	801	109 260
Philosophy.....	28 050	100	28 150
Physiology.....	18 833	3 359	22 192
Political Science.....	42 500	145	42 645
Psychology.....	33 700	2 000	35 700
Romance Languages.....	67 799	423	68 222
Sociology.....	27 125	212	27 337
Zoology.....	71 951	8 753	80 704
Classical Museum.....	250	50	300
Museum of European Culture.....	250	650	900
Natural History Museum.....	4 100	756	4 856
<i>Total</i>	<i>\$1 117 277</i>	<i>\$134 287</i>	<i>\$1 251 564</i>

Expendable Gift and Endowment Income Funds

<i>Instruction</i>	<i>Salaries and Wages¹</i>	<i>Other Expense¹</i>	<i>Total¹</i>
Edmund James lecture on government (Endowment Income).....	\$ 200	.....	\$ 200
<i>Special Research (Gift funds)</i>			
Chemistry:			
Sanitary research.....	300	.....	300
Lubrication research.....	750	.....	750
E. I. duPont de Nemours and Co. research...	4 000	.....	4 000
Eli Lilly and Company research.....	750	.....	750
Amino acids research.....	3 200	\$1 800	5 000
Spectroscope analysis of water.....	3 500	.....	3 500
Rohm and Haas Co. assistantships.....	4 000	.....	4 000
Lead acid storage cell assistantship.....	310	.....	310
Classics:			
Secular index.....	75	.....	75
Geology and Geography:			
Geological research.....	960	.....	960
Psychology:			
Animal hearing research.....	750	550	1 300
Estimated New Projects and Renewals.....	3 250	1 000	4 250
<i>Total, Special Research</i>	<i>(21 845)</i>	<i>(3 350)</i>	<i>(25 195)</i>
<i>Total</i>	<i>\$22 045</i>	<i>\$3 350</i>	<i>\$25 395</i>

¹Estimated.

Administration

		<i>Salary</i>
1. M. T. McClure, Dean.....	B	\$ 8 250
Professor of Philosophy and Head of Department....	A	.....
2. H. F. Fletcher, Associate Dean.....	DG90	4 500
(See Department of English.....)	AG10	1 000)
(Total salary.....)		5 500)
3. H. S. Dawson, Assistant Dean.....	D	3 000
4. H. W. Bailey, Administrative Assistant.....	DG10	500
(See Department of Mathematics.....)	BG90	3 300)
(Total salary.....)		3 800)
5. S. E. Glenn, Administrative Assistant.....	DG10	500
(See Department of English.....)	DG90	2 800)
(Total salary.....)		3 300)
6. H. Rosalind Rautenberg, Stenographer (C. S.).....		1 200
7. Lucille N. Ellis, Stenographer (C. S.).....		1 200
8. Dorothy P. Birkett, Stenographer (C. S.).....		1 200
9. _____, Record Clerk (C. S.).....		960
<i>Sub-total, salaries</i>		(21 310)
10. Wages.....	H	1 116
<i>Total, Administration</i>		\$ 22 426

Astronomy

1. R. H. Baker, Professor and Head of Department.....	A	\$ 4 475
<i>Sub-total, Salaries</i>		(4 475)
2. Wages.....	H	250
<i>Total, Astronomy</i>		\$ 4 725

Bacteriology

1. F. W. Tanner, Professor and Head of Department.....	A	\$ 5 400
2. G. I. Wallace, Assistant Professor.....	D	3 000
3. F. M. Clark, Associate.....	D	2 400
4. O. F. Edwards, Instructor.....	E	1 800
5. _____, Instructor.....	E	1 800
6. _____, Assistant.....	E	1 200
7. S. E. R. Donovan, Assistant.....	EG50	600
8. T. H. Lord, Assistant.....	EG50	600
9. P. R. Beamer, Assistant.....	EG50	600
10. A. L. Moody, Laboratory Helper, (C. S.).....		1 540
<i>Sub-total, Salaries</i>		(18 940)
11. Wages.....	H	1 214
<i>Total, Bacteriology</i>		\$ 20 154

Botany

1. C. F. Hottes, Professor of Plant Physiology and Head of Department.....	AG83	\$ 4 565
(See College of Agriculture.....)	DG17	935)
(Total salary.....)		5 500)
2. William Trelease, Professor, <i>Emeritus</i>		2 280
3. N. E. Stevens, Professor.....	A	5 500
4. J. T. Buchholz, Professor.....	A	5 500
5. A. G. Vestal, Associate Professor.....	A	3 950
6. H. J. Fuller, Associate.....	D	2 700
7. Stella M. Hague, Instructor.....	E	2 260
8. _____, Instructor.....	E	1 800
9. Margaret Kaeiser, Assistant.....	EG50	600
10. Margaret Middleton, Assistant.....	EG50	600
11. Phoebe Arden, Assistant.....	EG50	600
12. W. M. Marberry, Assistant.....	EG50	600

		Salary
13. Charlotte M. Young, Assistant.....	EG50	600
14. C. H. Muller, Assistant.....	EG50	600
15. R. V. Drexler, Assistant.....	EG50	600
16. W. H. Silver, Assistant.....	EG50	600
17. W. H. Brown, Assistant.....	EG50	600
18. W. E. Wilson, Assistant.....	EG25	300
19. Joan Hunter, Assistant.....	EG25	300
20. Ruth Schmutzler, Stenographer and Clerk (C. S.).....		1 300
21. W. H. Long, Laboratory Helper and Mechanician (C. S.).....		1 400
22. Frank Schaede, Laboratory Helper (C. S.).....		1 250
23. Harvey J. Ernest, <i>Retired</i>		647
Sub-total Salaries.....		(39 152)
24. Wages.....	H	800
Total, Botany.....		\$ 39 952

Chemistry

1. Roger Adams, Professor of Organic Chemistry and Head of Department.....	A	\$ 10 000
2. W. A. Noyes, Professor, <i>Emeritus</i>		3 000
3. W. C. Rose, Professor of Biochemistry.....	A	7 500
4. B. S. Hopkins, Professor of Inorganic Chemistry.....	A	5 500
5. A. M. Buswell, Professor of Chemistry.....	AG40	2 400
(From State Water Survey.....)	AG60	3 600)
(Total salary.....)		6 000)
6. W. H. Rodebush, Professor of Physical Chemistry.....	A	6 350
7. D. B. Keyes, Professor of Chemical Engineering.....	AG50	3 125
(See Engineering Experiment Station.....)	AG50	3 125)
(Total salary.....)		6 250)
8. G. L. Clark, Professor of Chemistry (On leave with full pay for second semester of 1937-38).....	A	6 250
9. C. S. Marvel, Professor of Organic Chemistry.....	A	6 350
10. R. C. Fuson, Professor of Organic Chemistry.....	A	5 000
11. R. L. Shriner, Professor of Organic Chemistry.....	A	5 000
12. T. E. Phipps, Professor of Physical Chemistry.....	A	3 800
13. J. H. Reedy, Associate Professor.....	A	3 800
14. G. F. Smith, Associate Professor.....	A	3 500
15. H. F. Johnstone, Associate Professor of Chemical Engineering.....	AG85	3 550
(See Engineering Experiment Station.....)	AG15	850)
(Total salary.....)		4 400)
16. D. T. Englis, Associate Professor.....	A	3 500
17. L. F. Audrieth, Assistant Professor.....	B	3 000
18. J. C. Bailar, Assistant Professor and Department Secretary.....	B	3 300
19. M. J. Copley, Assistant Professor.....	B	3 000
20. E. W. Comings, Assistant Professor of Chemical Engineering.....	B	2 700
21. ———, Assistant Professor of Chemical Engineering.....	B	3 000
22. H. E. Carter, Assistant Professor.....	B	2 600
23. Rosalie M. Parr, Associate.....	B	2 530
24. Virginia Bartow, Associate.....	B	2 500
25. G. H. Reed, Associate.....	B	2 250
26. D. G. Nicholson, Associate.....	B	2 200
27. H. R. Snyder, Instructor.....	E	2 000
28. C. C. Price, III, Instructor.....	E	2 000
29. F. T. Wall, Instructor.....	E	2 000
30. ———, Instructor.....	E	2 000
31. ———, Instructor.....	E	2 000
32. ———, Instructor.....	E	2 000

		Salary
33. _____, Instructor.....	EG50	1 000
34. R. C. Morris, Special Research Assistant.....	D	2 000
35. D. S. Tarbell, Special Research Assistant.....	D	2 000
36. T. A. Geissman, Special Research Assistant.....	D	2 000
37. Paul Anders, Assistant in Glassblowing.....	D	2 100
38. J. M. Lindgren, Technical Analyst and Supervisor of General Chemical Storeroom.....	DG	500
(From Applied Chemistry Testing.....)		1 637)
(See Business Office, Item 44.....)		1 163)
(From Athletic Association.....)		1 800)
(Total salary.....)		5 100)
39. _____, Assistant.....	E	1 200
40. _____, Assistant.....	E	1 200
41. _____, Assistant.....	E	1 200
42. J. F. McPherson, Assistant.....	EG50	600
43. R. N. Keller, Assistant.....	EG50	600
44. D. E. Wolf, Assistant.....	EG50	600
45. G. B. Brown, Assistant.....	EG50	600
46. _____, Assistant.....	EG50	600
47. J. C. Cowan, Assistant.....	EG50	600
48. E. J. Matson, Assistant.....	EG50	600
49. J. P. McReynolds, Assistant.....	EG50	600
50. _____, Assistant.....	EG50	600
51. Leonard Byman, Assistant.....	EG50	600
52. _____, Assistant.....	EG50	600
53. _____, Assistant.....	EG50	600
54. _____, Assistant.....	EG50	600
55. R. L. Hicks, Assistant.....	EG50	600
56. L. S. Keyser, Assistant.....	EG50	600
57. W. A. Taebel, Assistant.....	EG50	600
58. M. B. Mueller, Assistant.....	EG50	600
59. _____, Assistant.....	EG50	600
60. E. H. Riddle, Assistant.....	EG50	600
61. N. S. Moon, Assistant.....	EG50	600
62. _____, Assistant.....	EG50	600
63. D. E. Pearson, Assistant.....	EG50	600
64. J. W. Shackelton, Assistant.....	EG50	600
65. L. C. Behr, Assistant.....	EG50	600
66. A. A. Johnson, Assistant.....	EG50	600
67. E. J. Bicek, Assistant.....	EG50	600
68. H. D. Rhodes, Assistant.....	EG50	600
69. Robert Rowan, Assistant.....	EG50	600
70. Sydney Ross, Assistant.....	EG50	600
71. W. P. Tyler, Assistant.....	EG50	600
72. T. L. Cairns, Assistant.....	EG50	600
73. R. L. May, Assistant.....	EG50	600
74. B. C. Marklein, Assistant.....	EG50	600
75. W. J. Shannon, Assistant.....	EG50	600
76. V. R. Sullivan, Assistant.....	EG50	600
77. D. B. Glass, Assistant.....	EG50	600
78. P. G. Roach, Assistant.....	EG50	600
79. A. R. Hanke, Assistant.....	EG50	600
80. _____, Assistant.....	EG50	600
81. D. B. Melville, Assistant.....	EG50	600
82. Mrs. Mary Scott Briggs, Assistant.....	EG50	600
83. _____, Assistant.....	EG50	600
84. _____, Assistant.....	EG50	600
85. _____, Assistant.....	EG50	600
86. W. H. Taylor, Assistant.....	EG50	600
87. _____, Assistant.....	EG50	600

		<i>Salary</i>
88.	_____, Assistant.....	EG50 600
89.	Betty Rapp, Assistant.....	EG33 400
90.	Priscilla Bonner, Assistant.....	EG33 400
91.	Joe Sharknas, Assistant.....	EG33 400
92.	John Anderson, Assistant.....	EG33 400
93.	Joseph Dec, Assistant.....	EG33 400
94.	R. S. Egly, Assistant.....	EG33 400
95.	G. F. Grillot, Assistant.....	EG33 400
96.	A. W. Anderson, Assistant.....	EG33 400
97.	_____, Assistant.....	EG33 400
98.	L. J. Dankert, Assistant.....	EG33 400
99.	J. J. Denton, Assistant.....	EG33 400
100.	_____, Assistant.....	EG33 400
101.	E. M. Bottorff, Assistant.....	EG33 400
102.	J. H. Chapin, Assistant.....	EG33 400
103.	_____, Assistant.....	EG33 400
104.	_____, Assistant.....	EG33 400
105.	J. H. Sample, Assistant.....	EG33 400
106.	James Harkema, Assistant.....	EG33 400
107.	D. R. Ebey, Assistant.....	EG33 400
108.	M. W. Miller, Assistant.....	EG33 400
109.	R. W. Spence, Assistant.....	EG33 400
110.	R. V. Lindsey, Jr., Assistant.....	EG33 400
111.	W. H. Sharkey, Assistant.....	EG33 400
112.	H. T. Iveson, Assistant.....	EG33 400
113.	S. O. Greenlee, Assistant.....	EG33 400
114.	H. L. Hartman, Assistant.....	EG33 400
115.	C. H. McBurney, Assistant.....	EG33 400
116.	_____, Assistant.....	EG33 400
117.	_____, Assistant.....	EG33 400
118.	Eldred Welch, Assistant.....	EG33 400
119.	_____, Assistant.....	EG33 400
120.	_____, Assistant.....	EG33 400
121.	_____, Assistant.....	EG33 400
122.	_____, Assistant.....	EG33 400
123.	_____, Assistant.....	EG33 400
124.	_____, Assistant.....	EG33 400
125.	_____, Assistant.....	EG33 400
126.	_____, Assistant.....	EG33 400
127.	_____, Assistant.....	EG33 400
128.	_____, Assistant.....	EG33 400
129.	_____, Assistant.....	EG33 400
130.	_____, Assistant.....	EG25 300
131.	J. V. Robinson, Assistant.....	EG25 300
132.	L. H. Dunlap, Assistant.....	EG25 300
133.	E. C. Horning, Assistant.....	EG50 600
134.	_____, Assistant.....	EG25 300
135.	_____, Assistant.....	EG25 300
136.	J. R. Downing, Assistant.....	EG25 300
137.	_____, Assistant.....	EG25 300
138.	C. A. Holloway, Jr., Assistant.....	EG25 300
139.	H. E. Conde, Assistant.....	EG25 300
140.	R. C. Ludwig, Assistant.....	EG25 300
141.	G. L. Roberts, Assistant.....	EG25 300
142.	H. W. Smock, Assistant.....	EG25 300
143.	D. R. McCormick, Assistant.....	EG25 300
144.	J. F. Vanecek, Assistant.....	EG25 300
145.	_____, Assistant.....	EG25 300
146.	_____, Assistant.....	EG25 300
147.	_____, Assistant.....	EG25 300

		<i>Salary</i>
148. _____, Assistant	EG25	300
149. Mrs. Edna V. Evans, Executive Clerk and Secretary to Head of Department (C. S.)		2 400
150. Dorothy R. Aspern, Departmental Stenographer (C. S.) ..		1 100
151. _____, Departmental Stenographer (C. S.)		900
152. Dorothy M. Denhart, Departmental Stenographer (C. S.) (See Engineering Experiment Station)	G90 G10	1 075 125)
(Total salary		1 200)
153. Elizabeth Parker, Departmental Stenographer (C. S.)		1 050
154. _____, Departmental Stenographer (C. S.)		900
155. C. F. Miller, Head Clerk (C. S.)		2 260
156. Thomas Peel, Storekeeper (C. S.)		1 630
157. Forrest Mock, Storekeeper (C. S.)		1 600
158. M. T. Murrell, Storekeeper (C. S.)		1 500
159. C. E. Dalton, Storekeeper (C. S.)		1 500
160. S. A. Phillips, Laboratory Helper (C. S.)		1 200
161. L. S. Kirby, Laboratory Helper (C. S.)		1 250
162. L. E. Tillotson, Laboratory Helper (C. S.)		1 400
163. C. M. Scott, Laboratory Helper (C. S.)		1 350
164. C. B. Dunn, Laboratory Helper (C. S.)		1 300
165. E. N. Genung, Laboratory Helper (C. S.)		1 100
166. Florence Alexander, Laboratory Helper (C. S.)		929
167. _____, Laboratory Helper (C. S.)		900
168. A. E. Wood, Mechanician (C. S.)		2 000
169. G. A. Pittman, Mechanical Assistant (C. S.)		1 350
170. C. W. Powers, Machinist (C. S.)		1 600
171. C. W. Beazley, Microanalyst	D	1 180
<i>Sub-total, Salaries</i>		(212 979)
172. Wages	H	600
<i>Total, Chemistry</i>		\$213 579

*Restricted Gift Funds:**Rohm and Haas Co.*

1. R. V. Mozingo, Special Research Assistant D | (\$ 2 000) |

2. C. K. Bradsher, Special Research Assistant D | (2 000) |

E. I. duPont de Nemours and Company

1. W. S. Emerson, Special Research Assistant D | (2 000) |

Continental Oil Company

1. Charles Slobutsky, Special Research Assistant DG50 | (750) |

Graduate School Research Fund—Illinium

1. E. O. Brimm, Special Research Assistant EG50 | (500) |

Rockefeller Foundation

1. K. F. Krebs, Special Research Assistant EG50 | (600) |
2. I. T. Krohn, Special Research Assistant EG50 | (600) |

Total, Restricted Gift Funds

(\$ 8 450)

Classics

1. W. A. Oldfather, Professor and Chairman of Department (On leave with full pay for the first semester and without pay for second semester of 1937-38) .. A | \$ 7 200 |
2. H. V. Canter, Professor A | 5 132 |
3. B. E. Perry, Associate Professor A | 4 038 |
4. C. A. Forbes, Associate Professor (Salary paid from unused portion of salary of W. A. Oldfather, absent on leave, and not included in total Sem. II F | 2 000) |
5. P. L. Zickgraf, Assistant EG50 | 700 |
6. R. P. Oliver, Assistant EG50 | 700 |
7. Eileen P. Ryan, Assistant EG50 | 700 |

8. L. D. Johnston, Research Assistant.....	D	Salary 1 800
Sub-total, Salaries.....		(20 270)
9. Wages.....	H	487
Total, Classics.....		\$ 20 757

English

1. H. N. Hillebrand, Professor.....	A	.....
Chairman of Department.....	B	\$ 5 500
2. Ernest Bernbaum, Professor (On leave with full pay for second semester of 1937-38).....	A	6 250
3. W. J. Graham, Professor (On leave with full pay for first semester of 1937-38).....	A	5 000
4. G. T. Flom, Professor of Scandinavian Languages and English Philology.....	A	4 750
5. H. G. Paul, Professor.....	A	5 000
6. Jacob Zeitlin, Professor.....	A	5 250
7. T. W. Baldwin, Professor.....	A	5 600
8. E. C. Baldwin, Professor.....	A	4 250
9. H. S. V. Jones, Professor.....	A	5 000
10. B. L. Jefferson, Professor and Executive Secretary of the Department.....	A	4 750
11. Mrs. Alta G. Saunders, Associate Professor of Business English.....		.....
(See Department of Business Organization and Op- eration.....)	A	3 750)
12. W. M. Parrish, Associate Professor.....	A	3 500
13. J. J. Parry, Associate Professor.....	A	3 500
14. H. F. Fletcher, Associate Professor.....	AGio	1 000
(See Administration.....)	DG90	4 500)
(Total salary.....)		5 500)
15. P. N. Landis, Associate Professor.....	A	4 000
16. R. B. Weirick, Associate Professor.....	A	3 250
17. A. W. Secord, Associate Professor.....	A	3 250
18. Clarissa Rinaker, Assistant Professor.....	D	2 500
19. M. T. Herrick, Assistant Professor.....	B	3 000
20. Martha J. Kyle, Assistant Professor, <i>Emeritus</i>		1 330
21. W. D. Templeman, Assistant Professor.....	D	2 620
22. C. R. Anderson, Assistant Professor.....	D	2 900
23. Ruth Kelso, Assistant Professor.....	D	2 500
24. S. E. Glenn, Assistant Professor.....	DG90	2 800
(See Administration.....)	DG10	500)
(Total salary.....)		3 300)
25. M. S. Goldman, Assistant Professor.....	D	2 700
26. _____, Assistant Professor.....	D	2 600
27. Caroline F. Tupper, Associate.....	D	2 400
28. Garreta H. Busey, Associate.....	D	2 100
29. J. W. Swanson, Associate and Supervisor of Dramatic Productions.....	D	2 750
30. _____, Associate.....	D	2 250
31. _____, Associate.....	D	2 250
32. Mrs. Leah F. Trelease, Instructor.....	E	2 200
33. Severina E. Nelson, Instructor.....	E	2 100
34. Margaret Bloom, Instructor.....	E	1 720
35. Cornelia P. Kelley, Instructor.....	E	1 900
36. Mrs. Esther H. Rapp, Instructor.....	E	1 900
37. Margaret French, Instructor.....	E	1 900
38. J. W. Harris, Instructor.....	E	1 630
39. W. G. Johnson, Instructor.....	E	1 810

		<i>Salary</i>
40. A. D. Huston, Instructor.....	EG75	I 500
(See University Extension.....	EG25	500)
(Total salary.....		2 000)
41. R. L. Blair, Instructor.....	E	I 720
42. C. W. Roberts, Instructor.....	E	I 800
43. _____, Instructor.....	E	I 800
44. _____, Instructor.....	E	I 800
45. _____, Instructor.....	E	I 800
46. H. P. Wheeler, Assistant.....	E	I 540
47. Richard Moody, Assistant.....	E	I 550
48. _____, Assistant.....	E	I 500
49. E. G. Mathews, Assistant.....	E	I 630
50. _____, Assistant.....	E	I 500
51. D. R. Lang, Assistant.....	E	I 540
52. Dorothy Anderson, Assistant.....	E	I 500
53. J. A. Hamilton, Assistant.....	E	I 559
54. Dorles C. Stutzman, Assistant.....	E	I 559
55. L. C. Dolk, Assistant.....	E	I 559
56. J. I. Owen, Assistant.....	E	I 621
57. J. W. Scott, Assistant.....	E	I 450
58. R. B. Orlovich, Assistant.....	E	I 500
59. T. H. Trimble, Assistant.....	E	I 500
60. _____, Assistant.....	E	I 450
61. _____, Assistant.....	E	I 450
62. _____, Assistant.....	E	I 450
63. _____, Assistant.....	E	I 450
64. _____, Assistant.....	E	I 450
65. _____, Assistant.....	E	I 450
66. _____, Assistant.....	E	I 450
67. _____, Assistant.....	E	I 450
68. _____, Assistant.....	E	I 450
69. _____, Assistant.....	E	I 450
70. _____, Assistant.....	E	I 450
71. _____, Assistant.....	E	I 450
72. _____, Assistant.....	E	I 450
73. _____, Assistant.....	E	I 450
74. G. C. Camp, Assistant.....	EG67	I 000
75. Maxwell Edwards, Assistant.....	EG67	I 000
76. M. M. May, Assistant.....	EG67	I 000
77. E. G. Ballard, Assistant.....	EG67	I 000
78. Elizabeth Hosmer, Assistant.....	EG67	I 000
79. F. C. Osenburg, Assistant.....	EG67	I 059
80. Mrs. Edith S. Sweney, Assistant.....	EG67	I 000
81. Carolyn Washburn, Assistant.....	EG67	I 000
82. C. H. Shattuck, Assistant.....	EG67	I 000
83. Leo Hughes, Assistant.....	EG67	I 000
84. Olive Henneberger, Assistant.....	EG67	I 000
85. D. K. Bruner, Assistant.....	EG67	I 000
86. _____, Assistant.....	EG75	I 087
87. _____, Assistant.....	EG67	I 000
88. C. H. Nannes, Assistant.....	EG67	I 000
89. F. J. Mosher, Assistant.....	EG67	I 000
90. W. F. Ekstrom, Assistant.....	EG67	I 000
91. S. F. Fogle, Assistant.....	EG67	I 000
92. _____, Assistant.....	EG67	I 000
93. W. M. Lowry, Assistant.....	EG67	I 000
94. J. K. Quinn, Assistant.....	EG67	I 000
95. G. A. Rust, Assistant.....	EG67	I 000
96. Gibbon Butler, Assistant.....	EG67	I 000
97. J. N. Hook, Assistant.....	EG67	I 000

		Salary
98. Alice Morrison, Assistant.....	EG33	500
99. J. H. Schacht, Assistant.....	EG33	500
100. O. J. Reamer, Assistant.....	EG33	500
101. E. G. Fisher, Assistant.....	EG33	500
102. Mildred A. Martin, Assistant.....	EG33	500
103. _____, Assistant.....	EG33	500
104. Mary K. Hansen, Clerk and Stenographer (C. S.).....	I	350
105. _____, Clerk and Stenographer (C. S.).....		960
Sub-total, Salaries.....		(201 394)
106. Wages.....	H	1 000
Total, English.....		\$202 394

Entomology

1. C. L. Metcalf, Professor and Head of Department.....	A	\$ 5 250
2. W. P. Hayes, Associate Professor.....	A	4 000
3. W. V. Balduf, Assistant Professor.....	B	3 400
4. V. G. Milum, Assistant Professor.....	D	2 980
5. R. W. Fay, Assistant.....	EG50	600
6. P. C. Stone, Assistant.....	EG50	600
7. Marjorie M. Jones, Junior Stenographer (C. S.).....	I	020
Sub-total, Salaries.....		(17 850)
8. Wages.....	H	400
Total, Entomology.....		\$ 18 250

Geology and Geography

1. F. W. DeWolf, Professor of Geology.....	A	.....
Head of Department.....	D	\$ 6 820
2. W. S. Bayley, Professor, <i>Emeritus</i>		2 825
3. T. E. Savage, Professor, <i>Emeritus</i>		2 771
4. T. T. Quirke, Professor of Geology.....	A	4 138
5. W. O. Blanchard, Professor of Geography.....	A	4 038
6. F. P. Shepard, Associate Professor of Geology (On leave without pay for first semester and with one-half pay for second semester of 1937-38).....	A	3 500
7. A. H. Sutton, Associate Professor of Geology.....	A	3 500
8. H. R. Wanless, Associate Professor of Geology.....	A	3 500 ¹
9. J. L. Page, Assistant Professor of Geography.....	B	2 900
10. J. H. Burgy, Assistant Professor of Geography.....	B	2 600
11. H. W. Scott, Associate in Geology.....	D	2 700
12. C. A. Chapman, Instructor in Geology.....	EG05	75
(From unused portion of salary of F. P. Shepard, absent on leave, and not included in total.....)	EG95	1 725)
(Total salary.....)		1 800)
13. A. W. Booth, Instructor in Geography.....	E	1 800
14. R. E. Crist, Instructor in Geography.....	E	1 800
15. A. B. Cozzens, Instructor in Geography.....	E	1 800
16. H. E. Hoy, Assistant in Geography.....	E	1 400
17. _____, Assistant in Geology.....	EG50	600
18. _____, Assistant in Geology.....	EG50	600
19. W. H. Allen, Assistant in Geology.....	EG50	600
20. M. J. Deuth, Assistant in Geology.....	EG50	600
21. _____, Assistant in Geology.....	EG50	600
22. W. F. Hoover, Assistant in Geology.....	EG50	600
23. _____, Assistant in Geology.....	EG50	600
24. _____, Assistant in Geology.....	EG50	600
25. _____, Assistant in Geology.....	EG25	300
26. _____, Assistant in Geology (Salary paid from unused portion of salary of F. P. Shepard, absent on leave, and not included in total.....)	Sem. I. FG50	300)

¹Also to receive \$225 from the State Geological Survey for one month's service as Associate Geologist.

27. M. M. Elias, Assistant in Geology (Salary paid from unused portion of salary of F. P. Shepard, absent on leave, and not included in total.....	EG50	600)
28. Thelma J. Johnson, Clerk (C. S.).....		1 300
Sub-total, Salaries.....		(52 567)
29. Wages.....	H	650
Total, Geology and Geography.....		\$ 53 217

German

1. A. W. Aron, Professor and Head of Department.....	A	\$ 5 800
2. N. C. Brooks, Professor, <i>Emeritus</i>		2 066
3. C. A. Williams, Professor.....	A	4 150
4. A. H. Koller, Assistant Professor.....	B	2 820
5. Daisy L. Blaisdell, Assistant Professor, <i>Emeritus</i>		1 330
6. J. T. Geissendoerfer, Assistant Professor.....	B	3 300
7. _____, Assistant Professor.....	B	3 000
8. Mimi I. Jehle, Associate.....	B	2 300
9. R. T. Ittner, Instructor.....	E	1 800
10. _____, Instructor.....	E	1 800
11. A. C. F. Scherer, Assistant.....	EG75	1 050
12. G. H. Goodman, Assistant.....	EG50	600
13. G. W. Dunnington, Assistant.....	EG50	600
14. Carl Hammer, Jr., Assistant.....	EG50	600
15. K. H. Planitz, Assistant.....	EG75	1 050
16. Lucille V. Palmer, Assistant.....	EG50	600
17. G. G. Schmalz, Assistant.....	EG50	600
18. W. E. Skidmore, Assistant.....	EG50	600
19. C. F. Hennecke, Assistant.....	EG50	600
20. _____, Assistant.....	EG50	600
21. _____, Assistant.....	EG25	300
Sub-total, Salaries.....		(35 566)
22. Wages.....	H	250
Total, German.....		\$ 35 816

History

1. W. S. Robertson, Professor and Head of the Department	A	\$ 5 500
2. L. M. Larson, Professor, <i>Emeritus</i>		3 000
3. A. H. Lybyer, Professor.....	A	5 250
4. T. C. Pease, Professor,.....	AG	3 450
(Paid by Illinois Historical Library.....		1 800)
(Total salary.....		5 250)
5. P. V. B. Jones, Professor.....	A	4 000
6. J. G. Randall, Professor.....	A	4 800
7. F. C. Dietz, Professor.....	A	4 500
8. M. L. Hansen, Professor.....	A	4 500
9. J. W. Swain, Professor.....	A	4 000
10. F. S. Rodkey, Associate Professor.....	A	3 800
11. Louise B. Dunbar, Assistant Professor.....	B	2 850
12. R. P. Stearns, Assistant Professor.....	D	3 000
13. R. C. Werner, Assistant Professor.....	B	2 440
14. E. L. Erickson, Associate.....	B	2 400
15. Mary L. Shay, Associate.....	D	2 200
16. C. E. Odegaard, Instructor.....	E	2 000
17. Ameda R. King, Instructor.....	E	1 800
18. _____, Instructor.....	E	1 800
19. J. H. Dahmus, Assistant.....	EG50	600
20. G. R. Mayhill, Assistant.....	EG50	600
21. _____, Assistant.....	EG50	600
22. _____, Assistant.....	EG50	600
23. _____, Assistant.....	EG50	600
24. _____, Assistant.....	EG50	600

		Salary
25. D. M. Young, Assistant.....	EG25	300
26. _____, Departmental Clerk (C. S.).....	G50	600
Sub-total, Salaries.....		(65 790)
27. Wages.....	H	200
Total, History.....		\$ 65 990

Mathematics

1. A. B. Coble, Professor and Head of Department.....	A	\$ 9 000
2. E. J. Townsend, Professor, <i>Emeritus</i>		3 000
3. G. A. Miller, Professor, <i>Emeritus</i>		2 950
4. J. B. Shaw, Professor, <i>Emeritus</i>		2 259
5. R. D. Carmichael, Professor.....	A	.....
(Salary under Graduate School)		
6. Arnold Emch, Professor.....	A	4 500
7. A. R. Crathorne, Professor.....	A	4 500
8. Olive C. Hazlett, Associate Professor (On leave without pay for 1937-38).....	A	3 500
9. H. R. Brahana, Associate Professor.....	A	4 500
10. W. J. Trjitzinsky, Associate Professor.....	A	4 500
11. H. W. Bailey, Assistant Professor and Executive Secretary of the Department.....	BG90	3 300
(See Administration.....)	DG10	500)
(Total salary.....)		3 800)
12. Harry Levy, Assistant Professor (On leave with one-half pay for 1937-38).....	B	2 650
13. Ralph Hull, Assistant Professor.....	B	3 000
14. _____, Assistant Professor.....	D	3 000
15. D. G. Bourgin, Assistant Professor.....	B	3 000
16. P. W. Ketchum, Assistant Professor (On leave without pay for 1937-38).....	B	3 100
17. J. L. Doob, Assistant Professor.....	B	2 800
18. L. L. Steimley, Associate.....	B	2 800
19. Echo D. Pepper, Associate.....	B	2 650
20. Beulah M. Armstrong, Associate.....	B	2 400
21. V. A. Hoersch, Associate.....	B	2 300
22. Wilfrid Wilson, Associate.....	B	2 300
23. G. E. Moore, Associate.....	B	2 500
24. H. J. Miles, Associate.....	B	2 400
25. J. W. Peters, Instructor.....	E	2 100
26. O. K. Bower, Instructor.....	E	2 100
27. Leonard Bristow, Instructor.....	E	2 100
28. Josephine H. Chanler, Instructor.....	E	1 800
29. _____, Instructor.....	E	1 800
30. _____, Instructor.....	E	1 800
31. _____, Instructor.....	E	1 800
32. _____, Assistant.....	E	1 500
33. _____, Assistant.....	E	1 500
34. _____, Assistant.....	E	1 500
35. C. F. Strobel, Assistant.....	EG40	600
36. G. B. Thomas, Assistant.....	EG40	600
37. K. L. Nielsen, Assistant.....	EG40	600
38. P. E. Lewis, Assistant.....	EG40	600
39. _____, Assistant.....	EG40	600
40. J. F. Heyda, Assistant.....	EG40	600
41. _____, Assistant.....	EG40	600
42. P. W. Carruth, Assistant.....	EG40	600
43. F. J. Weyl, Assistant.....	EG40	600
44. T. E. Judd, Assistant.....	EG40	600
45. K. V. Knight, Assistant.....	EG40	600
46. D. R. Shreve, Assistant.....	EG50	750

		Salary
47. R. A. Leibler, Assistant.....	EG40	600
48. E. L. Welker, Assistant.....	EG50	750
49. J. M. Dobbie, Assistant.....	EG40	600
50. J. D. Campbell, Assistant.....	EG40	600
51. J. R. F. Kent, Assistant.....	EG40	600
52. _____, Assistant.....	EG33	500
53. F. L. Dennis, Assistant.....	EG33	500
54. _____, Assistant.....	EG33	500
55. Mrs. Mary P. Walls, Secretary (C. S.).....		1 500
<i>Sub-total, Salaries</i>		(108 409)
56. Wages.....	H	50
<i>Total, Mathematics</i>		\$108 459

Philosophy

1. M. T. McClure, Professor and Head of Department.....	A	.....
(Salary under Administration)		
2. A. H. Daniels, Professor, <i>Emeritus</i>		\$ 3 000
(See President's Office)		1 954)
<i>Total salary</i>		4 954)
3. _____, Professor.....		6 000
4. G. R. Morrow, Professor.....	A	5 000
5. G. A. Tawney, Professor.....	AG50	2 800
6. D. W. Gotshalk, Associate Professor (On leave with full pay for second semester of 1937-38).....	A	3 600
7. J. A. Nicholson, Associate Professor.....	A	3 000
8. P. L. DeLargy, Associate.....	D	2 400
9. O. A. Kubitz, Instructor.....	E	2 250
<i>Total, Philosophy</i>		\$ 28 050

Physiology

1. W. E. Burge, Associate Professor.....	A	.....
Acting Head of the Department.....	D	\$ 3 600
2. F. R. Steggerda, Assistant Professor.....	D	3 000
3. W. P. Elhardt, Instructor.....	E	2 100
4. G. C. Wickwire, Instructor.....	E	2 170
5. A. B. Taylor, Instructor.....	E	1 600
6. _____, Assistant.....	E	1 500
7. Ruth T. Krouse, Assistant.....	E	1 500
8. H. W. Neild, Assistant.....	E	1 360
9. _____, Laboratory Helper (C. S.).....		900
10. R. L. Davis, Laboratory Helper (<i>Retired</i>).....		353
<i>Sub-total, Salaries</i>		(18 083)
11. Wages.....	H	750
<i>Total, Physiology</i>		\$ 18 833

Political Science

1. J. W. Garner, Professor and Head of Department.....	A	\$ 8 000
2. J. A. Fairlie, Professor.....	A	6 000
3. J. M. Mathews, Professor.....	A	5 250
4. C. A. Berdahl, Professor.....	A	5 000
5. C. M. Kneier, Associate Professor.....	A	4 500
6. _____, Associate.....	D	2 500
7. _____, Instructor.....	E	2 250
8. Valentine Jobst, Instructor.....	E	2 250
9. C. F. Snider, Instructor.....	E	2 250
10. _____, Instructor.....	E	1 800
11. Willmoore Kendall, Assistant.....	EG50	700
12. Elliot Cassidy, Assistant.....	EG50	600

		Salary
13. G. G. Lentz, Assistant.....	EG50	600
14. _____, Stenographer (C. S.).....	EG50	600
<i>Sub-total, Salaries</i>		(42 300)
15. Wages.....	H	200
<i>Total, Political Science</i>		\$ 42 500

Psychology

1. Herbert Woodrow, Professor and Head of Department...	A	\$ 5 250
2. P. T. Young, Professor.....	A	4 000
3. E. A. K. Culler, Professor.....	A	4 000
4. A. W. Brown, Associate Professor (Without salary)....	A	.....
5. G. D. Higginson, Associate Professor.....	A	3 200
6. H. H. Anderson, Assistant Professor.....	B	3 000
7. W. G. McAllister, Associate.....	B	2 400
8. Gilbert Brighthouse, Instructor.....	E	2 000
9. T. W. Harrell, Instructor.....	E	1 800
10. _____, Instructor.....	E	1 800
11. _____, Instructor.....	E	1 800
12. _____, Assistant.....	EG50	600
13. L. N. Wiley, Assistant.....	EG50	600
14. _____, Assistant.....	EG50	600
15. H. E. Brogden, Assistant.....	EG50	600
16. W. F. Thomas, Assistant.....	EG50	600
17. W. A. Hunter, Assistant.....	EG50	600
18. _____, Clerk (C. S.).....	EG50	500
<i>Sub-total, Salaries</i>		(33 350)
19. Wages.....	H	350
<i>Total, Psychology</i>		\$ 33 700

Romance Languages

1. D. H. Carnahan, Professor and Head of Department....	A	\$ 5 250
2. T. E. Oliver, Professor.....	A	4 475
3. Régis Michaud, Professor.....	A	5 500
4. John Van Horne, Professor.....	A	4 500
5. Arthur Hamilton, Associate Professor.....	A	3 500
6. J. A. Balseiro, Associate Professor.....	A	3 400
7. S. F. Will, Associate Professor.....	A	3 000
8. P. E. Jacob, Assistant Professor.....	B	3 000
9. C. C. Gullette, Assistant Professor.....	B	3 100
10. C. W. Colman, Instructor.....	E	1 800
11. J. H. Elsdon, Instructor.....	E	1 800
12. W. P. Dismukes, Instructor.....	E	1 800
13. _____, Instructor.....	E	1 800
14. _____, Instructor.....	E	1 800
15. _____, Instructor.....	E	1 800
16. J. R. Young, Assistant.....	E	1 540
17. J. H. Amiel, Assistant.....	E	1 540
18. John Alexander, Assistant.....	E	1 545
19. J. H. Utley, Assistant.....	E	1 540
20. G. R. Hilton, Assistant.....	EG50	770
21. L. H. Bussard, Assistant.....	E	1 630
22. Angelina R. Pietrangeli, Assistant.....	E	1 630
23. R. R. Bushart, Assistant.....	EG75	900
24. B. H. Mainous, Assistant.....	EG50	600
25. Cordelia Reed, Assistant.....	EG50	600
26. Louise F. Lodge, Assistant.....	EG50	750
27. Margaret Kidder, Assistant.....	EG50	850
28. E. S. Beadle, Assistant.....	EG50	600

		<i>Salary</i>
29. J. C. V. Wagus, Assistant.....	EG50	700
30. Dorothy M. Ralph, Assistant.....	EG50	700
31. J. S. Flores, Assistant.....	EG75	900
32. M. Ercilia Kiler, Assistant.....	EG50	600
33. Laurence LaSage, Assistant.....	EG50	600
34. J. F. Marshall, Assistant.....	EG50	600
35. Alma A. McLaughlin, Assistant.....	EG50	600
36. _____, Assistant.....	EG75	900
37. Erma P. Witt, Stenographer (Student).....	EG50	450
<i>Total, Romance Languages.....</i>		<i>\$ 67 799</i>

Sociology

1. _____, Professor and Head of the Department..		\$ 6 000
2. D. R. Taft, Professor.....	A	4 475
3. E. T. Hiller, Professor.....	A	4 250
4. J. W. Albig, Assistant Professor.....	B	3 000
5. W. R. Tylor, Assistant Professor.....	B	3 000
6. B. F. Timmons, Assistant Professor.....	B	3 000
7. D. E. Lindstrom, Assistant Professor of Rural Sociology (See College of Agriculture.....)	D	3 200
8. E. A. Ahrens, Instructor.....	D	2 100
9. A. V. Houghton, Assistant.....	EG50	700
<i>Sub-total, Salaries.....</i>		<i>(26 525)</i>
10. Wages.....	H	600
<i>Total, Sociology.....</i>		<i>\$ 27 125</i>

Zoology

1. Charles Zeleny, Professor and Head of Department....	A	\$ 5 560
2. _____, Professor.....		6 000
3. H. B. Ward, Professor, <i>Emeritus</i>		3 000
4. Frank Smith, Professor, <i>Emeritus</i>		2 250
5. V. E. Shelford, Professor.....	A	5 075
6. H. J. Van Cleave, Professor.....	A	4 950
7. Waldo Shumway, Professor.....	A	4 913
8. L. A. Adams, Associate Professor.....	A	3 800
9. R. R. Kudo, Associate Professor.....	A	3 800
10. L. J. Thomas, Assistant Professor.....	B	3 160
11. F. B. Adamstone, Assistant Professor.....	B	3 000
12. S. C. Kendeigh, Assistant Professor.....	B	2 650
13. W. M. Luce, Associate.....	B	2 600
14. B. V. Hall, Associate.....	D	2 100
15. T. W. Robinson, Instructor.....	E	1 800
16. Lester Ingle, Instructor.....	E	1 800
17. _____, Assistant.....	E	1 200
18. M. C. Meyer, Assistant.....	EG50	600
19. A. L. Soderwall, Assistant.....	EG25	300
20. P. A. Meglitsch, Assistant.....	EG50	600
21. Sarah E. Jones, Assistant.....	EG25	300
22. W. C. Poe, Assistant.....	EG25	300
23. J. C. Medcof, Assistant.....	EG25	300
24. H. G. Kimpel, Assistant.....	EG25	300
25. P. V. Gustafson, Assistant.....	EG25	300
26. C. T. Black, Assistant.....	EG25	300
27. C. L. Kanatzar, Assistant.....	EG25	300
28. W. H. Leigh, Assistant.....	EG25	300
(From State Natural History Survey.....)	EG25	(300)
(Total salary.....)		(600)
29. E. Shipman, Assistant.....	EG25	300
30. C. W. Markus, Assistant.....	EG25	300
31. R. G. Lindeborg, Assistant.....	EG25	300
32. R. E. Hill, Assistant.....	EG25	300

		Salary
33. C. J. Goodnight, Assistant.....	EG25	300
34. S. W. Gray, Assistant.....	EG25	300
35. _____, Assistant.....	EG25	300
36. Jane C. Dirks, Assistant.....	EG25	300
37. Victor Sprague, Assistant.....	EG25	300
38. _____, Assistant.....	EG25	300
39. Mrs. Katharine H. Paul, Scientific Artist.....	E	2 260
40. O. C. McMillin, Technician and Storekeeper.....	D	2 000
41. Virginia T. Brennan, Clerk and Stenographer (C. S.)....		1 300
42. _____, Research Assistant.....	DG50	720
<i>Sub-total, Salaries</i>		(70 838)
43. Wages.....	H	1 113
<i>Total, Zoology</i>		\$ 71 951

Classical Museum

1. Wages.....	H	\$ 250
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Museum of European Culture

1. Wages.....	H	\$ 250
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Museum of Natural History

1. F. C. Baker, Curator.....	D	\$ 3 700
<i>Sub-total, Salaries</i>		(3 700)
2. Wages.....	H	400
<i>Total, Museum of Natural History</i>		\$ 4 100

SCHOOL OF JOURNALISM

1. L. W. Murphy, Director.....	D	
Professor.....	A	\$ 5 000
2. R. R. Barlow, Professor.....	A	4 000
3. O. C. Leiter, Associate Professor.....	A	3 650
4. J. F. Wright, Associate Professor.....	A	.....
(Salary under Public Information and Radio Station)		
5. F. S. Siebert, Associate Professor.....	A	3 400
6. _____, Assistant Professor.....	D	3 000
7. B. S. Dickinson, Assistant Professor.....	D	2 650
8. M. D. Seil, Instructor.....	E	2 000
9. F. E. Schooley, Instructor.....	EG25	700
(See Public Information.....)	DG45	1 185)
(See Radio Station.....)	DG30	965)
(Total Salary.....)		2 850)
10. C. E. Flynn, Assistant.....	E	1 700
11. _____, Assistant.....	Sem. I FG50	375
12. Martha S. Alexander, Graduate Stenographer (C. S.)....		1 500
<i>Sub-total, Salaries</i>		(27 975)
13. Wages.....	H	695
<i>Total, School of Journalism</i>		\$ 28 670

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Summary**

	Salaries and Wages	Other Expense	Total
Administration.....	\$13 497	\$ 4 475	\$17 972
Business Organization and Operation.....	97 576	.....¹	97 576
Economics.....	98 853	.....¹	98 853
<i>Sub-total</i>	(209 926)	(4 475)	(214 401)
Bureau of Business Research.....	6 825	1 550	8 375
<i>Total</i>	\$216 751	\$6 025	\$222 776

¹Included under Administration.

Expendable Endowment Income and Gift Funds

<i>Instruction</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
W. B. McKinley Public Utility Economics Pro- fessorship Fund (Endowment Income)....	\$3 500	.....	\$3 500
<i>Special Research</i>			
Public Utilities Economics (Gift Fund).....	1 500 ¹	.....	1 500
<i>Total</i>	\$5 000	.....	\$5 000

Administration

		<i>Salary</i>
1. C. M. Thompson, Dean of the College and Director of the Bureau of Business Research.....	B	\$ 4 750
(McKinley Professor of the Economics of Public Utilities.....)	A	3 500)
(Total salary.....)		8 250)
2. C. F. Schlatter, Associate Dean.....	DG25	1 187
(See Business Organization and Operation.....)	AG75	3 563)
(Total salary.....)		4 750)
3. R. P. Hackett, Assistant Dean.....	DG50	1 500
(See Business Organization and Operation.....)	BG50	1 500)
(Total salary.....)		3 000)
4. Freda F. Walker, Chief Clerk (Exempt).....	D	2 200
5. _____, Junior Clerk (C. S.).....		1 080
6. Mrs. Lucile M. Schaudt, Stenographer (C. S.).....		1 200
7. _____, Stenographer (C. S.).....		1 080
<i>Sub-total, Salaries</i>		(12 997)
8. Wages.....	H	500
<i>Total, Administration</i>		\$ 13 497

Business Organization and Operation

1. H. T. Scovill, Professor of Accountancy and Head of the Department.....	A	\$ 7 300
2. Lloyd Morey, Professor of Accountancy.....	A	.....
(Salary under Business Office)		
3. E. J. Filbey, Professor of Accountancy.....	A	5 500
4. F. A. Russell, Professor of Business Organization and Operation.....	A	5 500
5. P. D. Converse, Professor of Business Organization and Operation.....	A	4 700
6. A. C. Littleton, Professor of Accountancy.....	AG55	2 763
(See Bureau of Business Research.....)	DG45	2 237)
(Total salary.....)		5 000)
7. A. G. Anderson, Professor of Business Organization and Operation.....	A	4 700
8. C. F. Schlatter, Professor of Accountancy.....	AG75	3 563
(See Administration.....)	DG25	1 187)
(Total salary.....)		4 750)
9. Mrs. Alta G. Saunders, Associate Professor of Business English.....	A	3 750
10. E. R. Dillavou, Associate Professor of Business Law....	A	3 900
11. E. L. Theiss, Associate Professor of Accountancy.....	A	4 100
12. H. H. Baily, Associate Professor of Accountancy.....	A	3 700
13. R. P. Hackett, Assistant Professor of Accountancy.....	BG50	1 500
(See Administration.....)	DG50	1 500)
(Total salary.....)		3 000)
14. W. E. Karrenbrock, Assistant Professor of Accountancy	B	2 900
15. H. W. Huegy, Assistant Professor of Business Organiza- tion and Operation.....	B	2 700
16. H. L. Newcomer, Assistant Professor of Accountancy....	B	2 700

¹Estimated.

17. F. H. Beach, Assistant Professor of Business Organization and Operation.....	B	Salary 2 800
18. W. F. Frese, Assistant Professor of Accountancy.....	B	2 700
19. C. C. Curtis, Assistant Professor of Business Law.....	B	2 700
20. M. J. Mandeville, Associate in Business Organization and Operation.....	B	2 500
21. F. M. Jones, Associate in Business Organization and Operation.....	B	2 100
22. P. C. Roberts, Associate in Business Law.....	B	2 100
23. H. M. Edwards, Instructor in Business Organization and Operation.....	Sem. II FG17	200
(See Business Office.....)	DG83	5 050)
(Total salary.....)		5 250)
24. J. W. McMahan, Instructor in Accountancy.....	E	1 700
25. C. A. Moyer, Instructor in Accountancy.....	E	1 700
26. C. M. Whitlo, Instructor in Business Organization and Operation.....	E	1 800
27. _____, Instructor in Accountancy.....	E	1 700
28. Charles P. Slater, Assistant in Accountancy.....	E	1 300
29. C. J. Gaa, Assistant in Accountancy.....	E	1 300
30. L. M. Kessler, Assistant in Accountancy.....	E	1 200
31. H. E. Breen, Assistant in Accountancy.....	E	1 200
32. R. W. Blumenschein, Assistant in Business Organization and Operation.....	E	1 400
33. R. V. Mitchell, Assistant in Business Organization and Operation.....	E	1 400
34. W. R. Bettner, Assistant in Business Law.....	E	1 200
35. E. J. Kirkham, Jr., Assistant in Accountancy.....	EG50	700
36. D. K. Griffith, Assistant in Accountancy.....	EG50	600
37. T. G. Secoy, Assistant in Accountancy.....	EG50	600
38. W. E. Thomas, Assistant in Accountancy.....	EG50	600
39. L. R. Huff, Assistant in Accountancy.....	EG50	600
40. G. B. Vasen, Assistant in Accountancy.....	EG50	600
41. J. M. Carithers, Assistant in Accountancy.....	EG50	600
42. H. L. Morris, Assistant in Accountancy.....	EG50	600
43. M. N. Broussard, Assistant in Accountancy.....	EG50	600
44. J. R. Taylor, Assistant in Accountancy.....	EG50	600
45. _____, Stenographer C. S.).....		1 200
Total, Business Organization and Operation.....		\$ 97 576

Economics

1. E. L. Bogart, Professor and Head of Department.....	A	\$ 6 800
2. David Kinley, Professor, <i>Emeritus</i>		3 000
(See President's Office.....)		3 000)
(Total salary.....)		6 000)
3. M. H. Robinson, Professor, <i>Emeritus</i>		2 523
4. C. M. Thompson, McKinley Professor of the Economics of Public Utilities.....	A	.....
(Salary under Administration)		
5. Simon Litman, Professor.....	A	5 500
6. M. H. Hunter, Professor.....	A	5 250
7. F. E. Lee, Professor.....	A	5 250
8. Ivan Wright, Professor (On leave without pay for 1937-38).....	A	4 800
8a. R. M. Nolen, Assistant Professor (Salary paid from Item 8, balance due to leave.....)	D	3 500)
9. H. M. Gray, Associate Professor.....	A	3 750
10. D. P. Locklin, Associate Professor.....	A	3 800
11. P. H. Brown, Associate Professor.....	A	3 500

		<i>Salary</i>
12. _____, Associate Professor.....	B	4 050
13. F. G. Dickinson, Assistant Professor.....	B	3 350
14. W. A. Neiswanger, Assistant Professor.....	B	3 600
15. Edmund Whittaker, Assistant Professor.....	D	3 500
16. H. K. Allen, Assistant Professor.....	B	3 000
17. P. M. Green, Assistant Professor.....	B	3 000
18. _____, Assistant Professor.....	B	2 750
19. D. H. Hoover, Associate.....	B	2 350
20. R. H. Lounsbury, Associate.....	D	2 800
21. A. T. Helbing, Associate.....	D	2 800
22. _____, Associate.....	D	2 500
23. B. N. Behling, Instructor.....	E	2 080
24. Janet L. Weston, Instructor.....	E	2 000
25. P. M. Van Arsdell, Instructor.....	E	2 000
26. W. B. Lockling, Instructor.....	E	2 000
27. _____, Instructor.....	E	1 800
28. _____, Instructor.....	E	1 800
29. _____, Instructor.....	E	1 800
30. P. G. Hudson, Assistant.....	EG75	1 050
31. G. W. Miller, Assistant.....	EG75	1 050
32. C. M. Elliott, Assistant.....	EG50	700
33. G. C. Losee, Assistant.....	EG50	700
34. L. L. Waters, Assistant.....	EG50	700
35. J. W. Wiley, Assistant.....	EG50	700
36. D. B. Marsh, Assistant.....	EG50	700
37. J. B. Parrish, Assistant.....	EG50	700
38. Barbara Smith, Stenographer (C. S.).....		1 200
<i>Total, Economics</i>		\$ 98 853

Bureau of Business Research

1. C. M. Thompson, Director.....	B	.....
(Salary under Administration)		
2. A. C. Littleton, Assistant Director.....	DG45	\$ 2 237
(See Business Organization and Operation.....)	AG55	2 763)
(Total salary.....)		5 000)
3. Florence L. White, Assistant.....	E	1 500
4. Mrs. Hilda R. Stice, Assistant.....	D	1 288
5. R. W. Carr, Assistant.....	EG50	600
6. J. V. Machell, Assistant.....	EG50	600
<i>Sub-total, Salaries</i>		(6 225)
7. Wages.....	H	600
<i>Total, Bureau of Business Research</i>		\$ 6 825

COLLEGE OF EDUCATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$12 390	\$2 938	\$15 328
Appointments Committee.....	5 000	1 490	6 490
Education.....	52 913	462	53 375
Supervision and High School Instruction.....	52 910	3 513	56 423
Smith-Hughes:			
Agricultural Education.....	7 160	584	7 744
Home Economics Education.....	5 030	256	5 286
Industrial Education.....	12 732	1 577	14 309
<i>Total, Smith-Hughes</i>	(24 922)	(2 417)	(27 339)
<i>Sub-total</i>	(148 135)	(10 820)	(158 955)
Bureau of Educational Research.....	8 534	578	9 112
<i>Total</i>	\$156 669	\$11 398	\$168 067

Administration

		<i>Salary</i>
1. T. E. Benner, Dean.....	B	\$ 8 250
Professor of Education.....	A	.....
2. Lillian Hart, Executive Clerk (Exempt).....	DG80	1 920
(See Summer Session.....)	DG20	480)
(Total salary.....)		2 400)
3. Mrs. Beatrice S. Simmons, Stenographer (C. S.).....		1 320
4. Frances Patton, Stenographer (C. S.).....	G60	700
(See Summer Session.....)	G40	500)
(Total salary.....)		1 200)
<i>Sub-total, Salaries</i>		(12 190)
5. Wages.....	H	200
<i>Total, Administration</i>		\$ 12 390

Appointments Committee

1. L. W. Williams, Secretary.....	DG75	\$ 2 400
(See Education.....)	EG25	800
(Total salary.....)		3 200)
2. Opal L. Barringer, Stenographer (C. S.).....		1 600
<i>Sub-total, Salaries</i>		(4 000)
3. Wages.....	H	1 000
<i>Total, Appointments Committee</i>		\$ 5 000

Education

1. E. H. Cameron, Professor.....	AG90	\$ 6 400
(See Summer Session.....)	BG10	750)
(Total salary.....)		7 150)
2. W. S. Monroe, Professor.....	A	.....
(See Bureau of Educational Research.....)	D	5 400)
3. J. A. Clement, Professor.....	A	4 700
4. R. F. Seybolt, Professor of the History of Education....	A	5 300
5. C. R. Griffith, Professor.....	AG25	1 625
(See Bureau of Institutional Research.....)	DG75	4 875
(Total salary.....)		6 500)
6. E. H. Reeder, Professor.....	A	4 500
7. P. L. Spencer, Visiting Professor.....	DG50	2 250
8. C. W. Odell, Associate Professor.....	A	3 288
9. O. F. Weber, Associate Professor.....	A	4 000
10. B. O. Smith, Associate Professor.....	D	4 500
11. Mrs. Nell C. B. Johnston, Assistant Professor.....	B	3 100
12. E. W. Dolch, Assistant Professor.....	B	2 800
13. G. W. Reagan, Assistant Professor.....	B	3 100
14. E. F. Potthoff, Assistant Professor.....	B	3 500
15. R. B. Browne, Assistant Professor.....	BG25	1 000
(See University Extension.....)	DG75	3 000)
(Total salary.....)		4 000)
16. L. W. Williams, Instructor.....	EG25	800
(See Appointments Committee.....)	DG75	2 400)
(Total salary.....)		3 200)
17. _____, Assistant.....	EG50	850
18. _____, Assistant.....	EG50	850
<i>Sub-total, Salaries</i>		(52 563)
19. Wages.....	H	350
<i>Total, Education</i>		\$ 52 913

Supervision and High School Instruction

1. C. W. Sanford, Principal of University High School....	D	\$ 3 800
Assistant Professor of Education.....	B	.....
2. M. R. Goodson, Assistant Principal of University High School.....	E	1 800

		<i>Salary</i>
3. William Habberton, Assistant Professor of Education and Head of the Department of Social Studies in University High School.....	D	3 350
4. C. O. Jackson, Assistant Professor of Physical Education (On leave with one-half pay for second semester of 1937-38).....	DG50	1 500
(See School of Physical Education.....)	DG50	1 500
(Total salary.....)		3 000)
5. R. M. Holmes, Associate in Music.....	DG75	1 830
(See School of Music.....)	DG25	610
(Total salary.....)		2 440)
6. Liesette J. McHarry, Associate in Education and Head of the Department of English in University High School.....	D	2 800
7. W. E. Harnish, Associate in Education and Head of the Department of Science in University High School..	D	2 800
8. G. C. Kettelkamp, Instructor in Education and Head of the Department of Foreign Languages in University High School.....	E	2 100
9. Velma I. Kitchell, Instructor in Music.....	EG50	1 050
(See School of Music.....)	EG50	1 050)
(Total salary.....)		2 100)
10. S. Helen Taylor, Teacher.....	E	1 900
11. L. A. Astell, Teacher.....	E	2 150
12. Pauline E. Changnon, Teacher.....	E	1 850
13. Mrs. Frances D. Wilson, Teacher.....	E	1 800
14. Mrs. Mabel R. Hagan, Teacher.....	E	1 900
15. M. C. Hartley, Teacher.....	E	1 900
16. Ernestine A. Anderson, Teacher.....	E	1 800
17. Marie J. Boysen, Teacher.....	E	1 720
18. Mata Smith, Teacher.....	E	1 460
19. Evalene V. Kramer, Librarian (C. S.).....		1 800
20. Viola K. Bower, Teacher.....	E	1 800
21. M. Louise Zilly, Teacher.....	EG50	950
22. Henrietta P. Terry, Teacher.....	EG75	1 050
23. _____, Teacher.....	E	1 900
24. W. O. Alstrom, Teacher.....	EG90	1 800
(See School of Physical Education.....)	EG10	200)
(Total salary.....)		2 000)
25. R. B. Thrall, Teacher.....	EG50	700
26. _____, Teacher.....	EG50	700
27. A. E. Katra, Teacher.....	EG25	400
28. C. R. Dammers, Teacher.....	EG25	400
29. _____, Teacher.....	EG67	1 200
30. _____, Assistant Teacher.....	EG33	600
31. _____, Teacher.....	EG20	280
Stenographer and Clerk (C. S.).....	G80	1 120
(Total salary.....)		1 400)
<i>Sub-total, Salaries</i>		(52 210)
32. Wages.....	H	700
<i>Total, Supervision and High School Instruction.....</i>		<u>\$ 52 910</u>
Agricultural Education		
1. A. W. Nolan, Associate Professor.....	A	\$ 4 200
2. H. J. Rucker, Instructor.....	DG50	1 335
(From Board of Education at St. Joseph, Illinois....)	DG50	1 335)
(Total salary.....)		2 670)
3. Melvin Henderson, Instructor.....	DG50	1 325
(From Board of Education at Tolono, Illinois.....)	DG50	1 325)
(Total salary.....)		2 650)
<i>Sub-total, Salaries.....</i>		(6 860)
4. Wages.....	H	300
<i>Total, Agricultural Education.....</i>		<u>\$ 7 160</u>

Home Economics Education

		<i>Salary</i>
1. Anna Belle Robinson, Associate.....	D	\$ 2 530
2. _____, Associate.....	D	2 500
<i>Total, Home Economics Education.....</i>		<i>\$ 5 030</i>

Industrial Education

1. A. B. Mays, Professor.....	A	\$ 4 500
2. A. F. Dodge, Assistant Professor.....	B	4 000
3. M. K. Humble, Associate.....	D	2 800
4. H. H. Braucher, Associate, <i>Emeritus</i>		1 132
<i>Sub-total, Salaries.....</i>		<i>(12 432)</i>
5. Wages.....	H	300
<i>Total, Industrial Education.....</i>		<i>\$ 12 732</i>

Bureau of Educational Research

1. W. S. Monroe, Director.....	D	\$ 5 400
(See Education.....)	A	.....
2. _____, Research Assistant.....	D	1 800
3. Neva Covey, Clerk (C. S.).....		1 234
4. Wages.....	H	100
<i>Total, Bureau of Educational Research.....</i>		<i>\$ 8 534</i>

**COLLEGE OF ENGINEERING AND ENGINEERING
EXPERIMENT STATION****Summary**

College:	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$13 335	\$3 873	\$17 208
Ceramic Engineering.....	23 695	3 815	27 510
Civil Engineering.....	57 840	3 408	61 248
Electrical Engineering.....	52 846	3 356	56 202
General Engineering Drawing.....	36 040	1 400	37 440
Mechanical Engineering.....	102 379	8 780	111 159
Mining and Metallurgical Engineering.....	17 220	1 605	18 825
Physics.....	95 565	12 181	107 746
Railway Engineering.....	14 125	1 018	15 143
Theoretical and Applied Mechanics.....	50 165	2 985	53 150
<i>Total, College.....</i>	<i>(463 210)</i>	<i>(42 421)</i>	<i>(505 631)</i>
Station:			
Administration.....	11 835	7 312	19 147
Ceramic Engineering.....	4 835	900	5 735
Chemical Engineering.....	6 500	350	6 850
Civil Engineering.....	13 830	1 025	14 855
Electrical Engineering.....	6 330	806	7 136
Mechanical Engineering.....	16 800	1 625	18 425
Mining and Metallurgical Engineering.....	4 370	977	5 347
Physics.....	.....	550	550
Railway Engineering.....	9 725	500	10 225
Theoretical and Applied Mechanics.....	18 585	793	19 378
<i>Sub-total, Station.....</i>	<i>(92 810)</i>	<i>(14 838)</i>	<i>(107 648)</i>
Sewage Research.....	2 100	900	3 000
<i>Total, Station.....</i>	<i>(94 910)</i>	<i>(15 738)</i>	<i>(110 648)</i>
<i>Grand Total.....</i>	<i>\$558 120</i>	<i>\$58 159</i>	<i>\$616 279</i>

Expendable Gift Funds (All Research)

	<i>Salaries and Wages¹</i>	<i>Other Expense¹</i>	<i>Total¹</i>
Ceramic Engineering:			
Enamel frits.....	\$2 500	\$1 000	\$3 500
Vitreous enamel.....		200	200
Chemical Engineering:			
Solubility of boiler waters.....	4 100	1 900	6 000
Stack gases.....	2 850	550	3 400
Civil Engineering:			
Pressure in granular materials.....	600	100	700
Riveted connections.....	1 800		1 800
Cylindrical shells as columns.....	600	600	1 200
Rigid frame structures.....	600	310	910
Mechanical Engineering:			
Heating and ventilating.....	1 000	1 000	2 000
Summer cooling.....		150	150
Warm air furnace research.....	3 200	1 300	4 500
Oil burner research.....		50	50
Theoretical and Applied Mechanics:			
Continuous welded rails.....	7 000	3 000	10 000
Concrete slabs.....	8 500	1 400	9 900
Rails investigation.....	35 000	15 000	50 000
Expansion joints in highways.....	3 000	1 000	4 000
Stretching of lead sheaths.....	2 400	600	3 000
Estimated New Projects and Renewals.....	20 000	5 320	25 320
Total, Expendable Gift Funds.....	\$93 150	\$33 480	\$126 630

Administration

	<i>Salary</i>
1. M. L. Enger, Professor of Mechanics and Hydraulics.... A	.....
Dean of the College of Engineering and Director of Engineering Experiment Station (C & S)..... B	\$ 8 250
2. H. H. Jordan, Associate Dean (C)..... DG33	2 100
(See General Engineering Drawing..... AG67	4 700)
(Total salary.....	6 800)
3. M. R. Riddell, Assistant to the Director of the Engineer- ing Experiment Station (S)..... B75	2 900
(See Mechanical Engineering..... A25	900)
(Total salary.....	3 800)
4. E. F. Heater, Research Assistant (S)..... D	2 500
5. Marie Huber, Assistant to the Dean and Director (Exempt) (C & S)..... D	2 500
6. Mrs. Elizabeth H. Werts, Stenographer (C. S.) (C).....	1 320
7. _____, Stenographer (C. S.) (S)..... G50	660
8. Lena B. Roberson, Stenographer (C. S.) (C).....	1 200
9. Mildred F. Houston, Stenographer (C. S.) (C).....	1 140
10. Mrs. Elsie B. Alpers, Stenographer (C. S.) (C).....	1 320
11. _____, Stenographer (C. S.) (C)..... G50	480
(See General Engineering Drawing..... G50	480)
(Total salary.....	960)
Sub-total, Salaries.....	(24 370)
12. Wages (C & S)..... H	800
Total, Administration.....	\$ 25 170

Ceramic Engineering

1. C. W. Parmelee, Professor and Head of Department (C & S)..... A	\$ 6 500 ²
2. R. K. Hursh, Professor (C & S)..... A	4 200

¹Estimated.

²Also to receive \$90 from the State Geological Survey for ten days' service as Consulting Ceramic Engineer.

		Salary
3. A. I. Andrews, Professor (C & S).....	A	4 700
4. W. R. Morgan, Associate (C).....	D	2 500
5. A. E. Badger, Research Associate (S) (On leave with full pay from Sept. 1 to Nov. 30, 1937).....	D	2 500
6. C. G. Harman, Instructor (C).....	E	2 200
7. J. A. Pask, Research Graduate Assistant (S).....	EG ₅₀	600
8. W. B. McDevitt, Laboratory Demonstrator (C).....	D	2 000
9. J. H. Cain, Laboratory Attendant (C. S.) (C).....		1 720
10. Vannie L. Sheiry, Clerk and Stenographer (C. S.) (C & S).....		1 300
Sub-total, Salaries		(28 220)
11. Wages (C & S).....	H	310
Total, Ceramic Engineering.....		\$ 28 530

Civil Engineering

1. W. C. Huntington, Professor and Head of Department (C & S).....	A	\$ 6 800
2. W. M. Wilson, Research Professor of Structural Engineering (C & S).....	A	7 000
3. H. E. Babbitt, Professor of Sanitary Engineering (C & S).....	A	4 700
4. J. S. Crandell, Professor of Highway Engineering (C)...	A	4 700
5. G. W. Pickels, Professor (C).....	A	4 300
6. T. C. Shedd, Professor of Structural Engineering (C)...	A	5 000
7. J. J. Doland, Professor (C).....	A	4 300
8. C. C. Wiley, Professor (C).....	A	3 750
9. Jamison Vawter, Professor (C).....	A	3 750
10. W. H. Rayner, Assistant Professor (C).....	B	3 070
11. E. E. Bauer, Assistant Professor (C).....	B	3 100
12. W. A. Oliver, Assistant Professor (C).....	B	2 800
13. N. M. Newmark, Research Assistant Professor (C & S).....	B	3 000
14. A. A. Brielmaier, Associate (C).....	D	3 000
15. G. H. Dell, Associate (C).....	D	2 710
16. H. P. Evans, Jr., Associate (C).....	D	2 400
17. J. G. Clark, Instructor (C).....	E	1 800
18. G. L. Jeppesen, Research Graduate Assistant (S).....	EG ₅₀	600
19. J. W. Wark, Research Graduate Assistant (S).....	EG ₅₀	600
20. W. T. Pope, Mechanician (C. S.) (S).....		1 900
21. Mrs. Lucile S. Adams, Clerk and Stenographer (C. S.) (C & S).....		1 400
Sub-total, Salaries		(70 680)
22. Wages (C & S).....	H	990
Total, Civil Engineering.....		\$ 71 670

Electrical Engineering

1. E. B. Paine, Professor and Head of Department (C & S) A	\$ 6 200
2. Morgan Brooks, Professor, <i>Emeritus</i>	1 800
3. J. T. Tykociner, Research Professor (S).....	A 4 475
4. A. R. Knight, Professor (C).....	A 3 850
5. E. H. Waldo, Associate Professor, <i>Emeritus</i>	1 693
6. E. A. Reid, Associate Professor (C).....	A 3 600
7. H. J. Reich, Associate Professor (C).....	A 3 750
8. J. O. Kraehenbuehl, Associate Professor (C).....	A 3 750
9. H. A. Brown, Associate Professor (C).....	A 3 800
10. C. A. Keener, Associate Professor (C).....	A 3 300
11. M. A. Faucett, Assistant Professor (C).....	B 3 000
12. C. E. Skroder, Associate (C).....	B 2 850
13. L. B. Archer, Associate (C).....	B 2 850
14. L. L. Smith, Associate (C).....	D 2 080
15. H. N. Hayward, Associate (C).....	D 2 400
16. H. W. Horn, Instructor (C).....	E 1 800
17. G. H. Fett, Instructor (C).....	E 1 800

		Salary
18. _____, Assistant (C).....	EG50	700
19. C. M. Milner, Research Graduate Assistant (S).....	EG50	600
20. G. H. Powers, Mechanician (C. S.) (C & S).....		1 800
21. W. S. Goodspeed, Mechanician, <i>Retired</i>		973
22. Marcia Hopperstad, Clerk and Stenographer (C. S.) (C & S).....		1 300
<i>Sub-total, Salaries</i>		(58 371)
23. Wages (C & S).....	H	805
<i>Total, Electrical Engineering</i>		\$ 59 176

General Engineering Drawing

1. H. H. Jordan, Professor and Head of Department (C)...	AG67	\$ 4 700
(See Administration.....)	DG33	2 100)
(Total salary.....)		6 800)
2. R. P. Hoelscher, Professor (C).....	A	4 500
3. C. H. Springer, Associate Professor (C).....	A	3 000
4. F. M. Porter, Assistant Professor (C).....	B	3 070
5. Albert Jorgensen, Associate (C) (On leave with full pay for 1937-38).....	B	2 700
6. J. A. Arnold, Assistant Professor (C).....	D	.....
(Salary paid by Purdue University)		
7. R. S. Crossman, Associate (C).....	D	2 440
8. S. G. Hall, Associate (C).....	D	2 700 ¹
9. L. D. Walker, Associate (C).....	D	2 400
10. J. T. Lendrum, Associate (C).....	D	2 200
11. G. R. Fink, Instructor (C).....	E	1 900
12. S. H. Pierce, Instructor (C).....	E	1 800
13. R. K. Vierck, Instructor (C).....	E	2 000
14. _____, Instructor (C).....	E	1 800
15. _____, Clerk and Stenographer (C. S.) (C).....	G50	480
(See Administration.....)	G50	480)
(Total salary.....)		960)
<i>Sub-total, Salaries</i>		(35 690)
16. Wages (C).....	H	350
<i>Total, General Engineering Drawing</i>		\$ 36 040

Mechanical Engineering

1. O. A. Leutwiler, Professor of Mechanical Engineering Design and Head of Department (C & S).....	A	\$ 6 800
2. A. P. Kratz, Research Professor (C & S).....	A	6 100
3. J. A. Polson, Professor of Steam Engineering (C).....	A	5 000
4. C. H. Casberg, Professor (C).....	A	5 000
5. C. W. Ham, Professor of Machine Design (C).....	A	5 000
6. H. J. Macintire, Professor of Refrigeration (C).....	A	4 000
7. W. H. Severns, Professor (C).....	A	4 000
8. J. A. Goff, Professor of Thermodynamics (C).....	A	4 600
9. M. R. Riddell, Associate Professor of Aeronautical En- gineering (C).....	A25	900
(See Administration.....)	B75	2 900)
(Total salary.....)		3 800)
10. W. N. Espy, Associate Professor (C).....	A	3 500
11. P. E. Mohn, Assistant Professor (C).....	B	3 000
12. M. K. Fahnestock, Research Assistant Professor (S)....	B	3 750
13. F. H. Thomas, Assistant Professor (C).....	B	2 900
14. D. G. Ryan, Assistant Professor (C).....	B	3 000
15. R. F. Larson, Assistant Professor (C).....	B	2 700
16. A. E. Hershey, Research Assistant Professor (S).....	B	3 000
17. _____, Assistant Professor (C).....	B	3 000
18. P. E. Henwood, Associate in Machine Design (C).....	D	2 700

¹Also to receive \$423 from the State Geological Survey for 470 hours' service as Geological Draftsman.

		Salary
19. E. T. Lanham, Associate, <i>Emeritus</i>		1 389
20. B. R. Hall, Associate (C).....	D	2 260
21. J. F. Wooddell, Associate (C).....	D	2 800
22. C. E. Schubert, Associate (C).....	D	2 700
23. J. C. Reed, Associate (C).....	D	2 300
24. C. J. Starr, Associate (C).....	D	2 500
25. P. H. Black, Associate (C).....	D	2 400
26. J. R. Fellows, Associate (C).....	D	2 300
27. A. D. Wright, Instructor (C).....	D	2 200
28. H. L. Godeke, Instructor (C).....	E	1 900
29. _____, Instructor (C).....	E	1 800
30. C. E. Derrough, Assistant (C).....	D	2 300
31. E. L. Broderick, Research Assistant (S).....	D	2 100
32. R. B. Engdahl, Research Graduate Assistant (S).....	EG ₅₀	600
33. W. R. Foote, Research Graduate Assistant (S).....	EG ₅₀	600
34. E. B. Corbin, Mechanician in the Shop Laboratories (C. S.) (C).....		2 000
35. G. J. Oehmke, Mechanician in Mechanical Engineering Laboratory (C. S.) (C).....		2 000
36. M. W. Hoag, Mechanician in Mechanical Engineering Laboratory (C. S.) (C).....		2 000
37. W. H. Smith, Mechanician in Mechanical Engineering Laboratory (C. S.) (C).....		1 600
38. T. E. Parsons, Assistant Mechanician in Shop Laboratories (C. S.) (C).....		1 500
39. M. B. Singer, Jr., Assistant Mechanician in Shop Laboratories (C. S.) (C).....		1 500
40. W. C. Clark, Assistant Mechanician in Shop Laboratories (C. S.) (C).....	E	1 400
41. I. E. Douglas, Tool-room Attendant in Mechanical Engineering Laboratory (C. S.) (C).....		1 330
42. C. D. Floyd, Tool-room Attendant in Machine Laboratory (C. S.) (C).....		1 240
43. J. H. Huffer, Tool-room Attendant in Pattern Laboratory (C. S.) (C).....	E	1 150
44. Mrs. Beulah M. Dent, Secretary (C. S.) (C & S).....		1 900
45. Irene Cunningham, Clerk and Stenographer (C. S.) (C).....		1 260
Sub-total, Salaries.....		(117 979)
46. Wages (C & S).....	H	1 200
Total, Mechanical Engineering.....		\$119 179

Mining and Metallurgical Engineering

1. A. C. Callen, Professor of Mining Engineering and Head of the Department (C & S).....	A	\$ 6 200
2. D. R. Mitchell, Associate Professor (C).....	A	3 700 ¹
3. C. M. Smith, Research Assistant Professor of Mining Engineering (S).....	B	3 450
4. A. B. Wilder, Assistant Professor of Metallurgical Engineering (C).....	B	3 200
5. H. P. Nicholson, Associate (C).....	B	2 800
6. Dale Melby, Mechanician (C. S.) (C & S).....	G ₇₅	900
7. Hazel Allen, Clerk and Stenographer (C. S.) (C & S).....		1 140
Sub-total, Salaries.....		(21 390)
8. Wages (S).....	H	200
Total, Mining and Metallurgical Engineering.....		\$ 21 590

Physics

1. F. W. Loomis, Professor and Head of the Department (C) A	\$ 6 800
2. A. P. Carman, Professor, <i>Emeritus</i>	3 000

¹Also to receive \$100 from the State Geological Survey for one-half month's service as Associate Mining Engineer.

3. C. T. Knipp, Professor of Experimental Electricity, <i>Emeritus</i>		<i>Salary</i> 2 625
4. _____, Professor (C).....		6 000
5. F. R. Watson, Professor of Experimental Physics (C)... A		5 250
6. Jakob Kunz, Professor of Mathematical Physics (C)... A		4 850
7. W. F. Schulz, Associate Professor (C)..... A		3 350
8. E. H. Williams, Associate Professor of Experimental Physics (C)..... A		3 650
9. R. F. Paton, Associate Professor (C)..... A		3 800
10. P. G. Kruger, Associate Professor (C)..... A		4 000
11. J. H. Bartlett, Jr., Associate Professor of Theoretical Physics (C)..... A		3 600
12. H. M. Mott-Smith, Jr., Assistant Professor (C)..... B		3 600
13. G. M. Almy, Assistant Professor (C)..... B		3 300
14. J. H. Manley, Associate (C)..... D		2 500
15. G. K. Green, Instructor (C)..... E		2 000
16. W. E. Shoupp, Instructor (C)..... E		2 000
17. W. J. Henderson, Instructor (C)..... E		2 000
18. _____, Instructor (C)..... E		1 800
19. H. A. Leedy, Assistant (C)..... EG50		700
20. A. C. Beiler, Assistant (C)..... EG50		700
21. J. W. Clark, Assistant (C)..... EG50		700
22. T. J. Wang, Assistant (C)..... EG50		700
23. R. E. Watson, Assistant (C)..... EG50		700
24. L. W. Phillips, Assistant (C)..... EG50		700
25. E. B. Hales, Assistant (C)..... EG50		700
26. W. L. Parker, Assistant (C)..... EG50		700
27. H. F. Ott, Assistant (C)..... EG50		700
28. F. J. Willig, Assistant (C)..... EG50		700
29. H. A. Nye, Assistant (C)..... EG50		700
30. R. D. O'Neal, Assistant (C)..... EG50		700
31. E. A. Luebke, Assistant (C)..... EG50		700
32. O. F. Sloniker, Assistant (C)..... EG50		700
33. R. C. Westphal, Assistant (C)..... EG50		700
34. R. G. LaBaw, Assistant (C)..... EG50		700
35. J. W. Coltman, Assistant (C)..... EG50		700
36. W. E. Good, Assistant (C)..... EG50		700
37. R. N. Griesheimer, Assistant (C)..... EG50		700
38. R. D. Rawcliffe, Assistant (C)..... EG50		700
39. V. M. Korty, Assistant (C)..... EG50		700
40. Scott Anderson, Assistant (C)..... EG50		700
41. F. W. Stallman, Assistant (C)..... EG50		700
42. R. F. McCune, Assistant (C)..... EG50		700
43. C. E. McClellan, Assistant (C)..... EG50		700
44. G. R. Gamertsfelder, Assistant (C)..... EG50		700
45. A. H. Colbey, Glassblower (C)..... D		1 900
46. C. W. Fieg, Mechanician (C. S.) (C).....		1 910
47. _____, Mechanician (C. S.).....		1 900
48. W. C. Deem, Assistant Mechanician (C. S.) (C).....		1 630
49. Da Von Smith, Assistant Mechanician (C. S.) (C).....		1 540
50. H. T. Wyninger, Storekeeper and Lecture Attendant (C. S.) (C).....		1 630
51. Della M. Rogers, Secretary (C. S.) (C).....		1 640
Sub-total, Salaries		(94 565)
52. Wages (C)	H	1 000
Total, Physics		\$ 95 565

Railway Engineering

1. E. C. Schmidt, Professor and Head of the Department (C & S)..... A	\$	6 000
2. E. E. King, Professor of Railway Civil Engineering (C) A		4 500
3. E. G. Young, Research Professor of Railway Mechanical Engineering (C & S)..... A		3 950

4. J. K. Tuthill, Associate Professor of Railway Electrical Engineering (C).....	A	Salary	3 650
5. H. J. Schrader, Assistant Professor of Railway Mechanical Engineering (C & S).....	B		3 050
6. H. R. Higgins, Mechanician (C. S.) (C & S).....	G90		1 620
7. Mrs. Margretta F. Brown, Clerk and Stenographer (C. S.) (C & S).....	G67		860
Sub-total, Salaries.....			(23 630)
8. Wages (C & S).....	H		220
Total, Railway Engineering.....			\$ 23 850

Theoretical and Applied Mechanics

1. F. B. Seely, Professor and Head of Department (C & S) A	\$ 6 800
2. A. N. Talbot, Professor, <i>Emeritus</i>	3 000
3. H. F. Moore, Research Professor of Engineering Materials (C & S).....	A 8 500
4. F. E. Richart, Research Professor of Engineering Materials (C & S).....	A 5 500
5. W. J. Putnam, Professor (C).....	A 4 000
6. J. O. Draffin, Professor (C).....	A 3 750
7. N. E. Ensign, Associate Professor (C).....	A 3 600
8. V. P. Jensen, Research Assistant Professor (C & S).....	.....
(See Concrete Slabs Investigation.....)	F 3 600 ¹
9. V. R. Fleming, Assistant Professor (C).....	B 3 250
10. C. P. Kittredge, Assistant Professor (C).....	B 3 000
11. W. L. Schwalbe, Assistant Professor (C).....	B 3 000
12. T. J. Dolan, Assistant Professor (C).....	B 3 000
13. W. M. Lansford, Assistant Professor (C).....	B 2 700
14. R. L. Brown, Associate (C).....	D 2 500
15. W. L. Collins, Associate (C).....	D 2 400
16. E. W. Suppiger, Associate (C).....	D 2 300
17. ———, Instructor (C).....	E 1 800
18. ———, Instructor (C).....	E 1 800
19. R. H. Heitman, Research Graduate Assistant (S).....	EG50 600
20. Robert Pergande, Mechanician (C. S.) (C & S).....	2 000
21. A. J. Nickerson, Assistant and Storekeeper (C. S.) (C & S).....	1 450
22. Dorothy D. Cook, Clerk and Stenographer (C. S.) (C & S).....	1 200
Sub-total, Salaries.....	(66 150)
23. Wages (C & S).....	H 2 600
Total, Theoretical and Applied Mechanics.....	\$ 68 750

Chemical Engineering Research

1. D. B. Keyes, Professor of Chemical Engineering (S)....	AG50 \$ 3 125
(See Department of Chemistry.....)	AG50 3 125)
(Total salary.....)	6 250)
2. Sherlock Swann, Jr., Research Associate Professor (S)...	A 3 200
3. Dorothy M. Denhart, Stenographer (C. S.) (S).....	G10 125
(See Department of Chemistry.....)	G90 1 075)
(Total salary.....)	1 200)
Sub-total, Salaries.....	(6 450)
4. Wages (S).....	H 50
Total, Chemical Engineering Research.....	\$ 6 500

Sewage Research

1. A. A. Thomas, Special Research Graduate Assistant in Civil Engineering (S).....	EG50 \$ 600
Sub-total, Salaries.....	(600)
2. Wages.....	H 1 500
Total, Sewage Research.....	\$ 2 100

¹If the Concrete Slabs Investigation is discontinued, this salary is to be provided from General University funds.

Special Cooperative Investigations*Rails Investigation*

		<i>Salary</i>
1. H. R. Thomas, Special Research Professor of Engineering Materials (S) (Until further notice).....	F	\$ 5 000
2. ———, Special Research Assistant Professor in Engineering Materials (S) (Until further notice)...	F	3 250
3. N. J. Alleman, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F	3 000
4. R. E. Cramer, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F	3 600
5. J. L. Bisesi, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F	3 000
6. S. W. Lyon, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F	2 400

Stretching of Lead Sheaths

1. C. W. Dollins, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F	2 400
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Solubility of Boiler Waters

1. F. G. Straub, Special Research Associate Professor of Chemical Engineering (S) (Until further notice)...	F	4 100
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Stack Gases

1. H. F. Johnstone, Associate Professor of Chemical Engineering (C & S).....	AG15	850
(See Department of Chemistry.....)	AG85	3 550
(Total salary.....)		4 400
2. A. D. Singh, Special Research Assistant in Chemical Engineering (S) (Until further notice).....	F	2 000

Reversed Stresses in Riveted Connections

1. J. V. Coombe, Special Research Assistant in Civil Engineering (S) (Until further notice).....	F	1 800
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Cylindrical Shells as Columns

1. E. D. Olson, Special Research Graduate Assistant in Civil Engineering (S) (Until February 1, 1939, except in July and August of each year).....	FG50	600
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Pressures in Granular Materials

1. M. E. Fiore, Special Research Graduate Assistant in Civil Engineering (S).....	EG50	600
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Concrete Slabs Investigation

1. V. P. Jensen, Special Research Assistant Professor of Theoretical and Applied Mechanics (S) (Until further notice)	F	3 600
2. R. W. Kluge, Special Research Associate in Theoretical and Applied Mechanics (S) (Until further notice)	F	3 000
3. H. A. Lepper, Jr., Special Research Graduate Assistant in Theoretical and Applied Mechanics (S).....	EG50	600
4. W. A. Renner, Special Research Graduate Assistant in Theoretical and Applied Mechanics (S).....	EG50	600
5. C. P. Siess, Special Research Graduate Assistant in Theoretical and Applied Mechanics (S).....	EG50	600

Enamel Frits

1. B. W. King, Jr., Special Research Assistant in Ceramic Engineering (S) (Until further notice).....	F	2 400
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Warm Air Furnace Research

1. Seichi Konzo, Special Research Assistant Professor of Mechanical Engineering (S) (Until further notice) F	Salary 3 200
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Heating and Ventilating

1. R. B. Knight, Special Research Graduate Assistant in Mechanical Engineering (S).....Sem. I FG50	600
<i>Total, Special Cooperative Investigations.....</i>	<i>\$ 47 200</i>

**COLLEGE OF AGRICULTURE AND AGRICULTURAL
EXPERIMENT STATION**

Summary

<i>College</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration—General.....	\$26 585	\$4 805	\$31 390
Administration—Forestry.....	3 500	250	3 750
Agricultural Economics.....	20 857	400	21 257
Agricultural Engineering.....	13 992	1 205	15 197
Agronomy.....	29 221	2 090	31 311
Animal Husbandry.....	51 498	23 365	74 863
Dairy Husbandry.....	39 782	20 990	60 772
Home Economics.....	52 662	6 983	59 645
Horticulture.....	59 127	10 780	69 907
<i>Sub-total.....</i>	<i>(297 224)</i>	<i>(70 868)</i>	<i>(368 092)</i>
Organized Activities relating to College (self-supporting):			
Dairy Creamery.....	15 577	35 223	50 800
Home Economics Cafeteria.....	3 400	7 500	10 900
<i>Sub-total.....</i>	<i>(18 977)</i>	<i>(42 723)</i>	<i>(61 700)</i>
<i>Total, College.....</i>	<i>\$316 201</i>	<i>\$113 591</i>	<i>\$429 792</i>

Station

Administration.....	\$ 9 939	\$ 6 560	\$16 499
Agricultural Economics.....	24 053	4 453	28 506
Agricultural Engineering.....	13 671	1 991	15 662
Agronomy.....	100 223	39 033	139 256
Animal Husbandry.....	76 676	61 045	137 721
Dairy Husbandry.....	34 944	13 607	48 551
Horticulture.....	44 536	8 746	53 282
<i>Sub-total.....</i>	<i>(304 042)</i>	<i>(135 435)</i>	<i>(439 477)</i>
Hatch Fund.....	15 000	.....	15 000 ²
Adams Fund.....	15 000	.....	15 000 ²
Purnell Fund.....	45 740 ¹	14 260	60 000 ²
Bankhead-Jones Fund.....	44 845 ¹	20 207	65 052 ²
Cook County Experiment Station.....	7 812	3 388	11 200
Station Revolving Fund.....	.....	800	800
<i>Sub-total.....</i>	<i>(128 397)</i>	<i>(38 655)</i>	<i>(167 052)</i>
<i>Total, Station.....</i>	<i>\$432 439</i>	<i>\$174 090</i>	<i>\$606 529</i>

Extension

Smith-Lever Fund (including Bankhead-Jones Extension).....	\$399 673 ¹	\$105 954	\$505 627 ²
Capper-Ketcham Fund.....	38 290 ¹	171	38 461 ²
Additional Cooperative Fund.....	10 000 ¹	3 500	13 500 ²
<i>Sub-total.....</i>	<i>(447 963)</i>	<i>(109 625)</i>	<i>(557 588)</i>
Extension Revolving Fund.....	480	6 520	7 000
<i>Total, Extension.....</i>	<i>\$448 443</i>	<i>\$116 145</i>	<i>\$564 588</i>
<i>Grand Total.....</i>	<i>\$1 197 083</i>	<i>\$403 826</i>	<i>\$1 600 909</i>

¹Unused balances may be transferred to expense and equipment by the Director.²Subject to receipt of the entire amount from the U. S. Government.

Resources for Budget

	University and Federal Funds	Estimated Income from Sales ¹
College		
Administration—General.....	\$31 390	.....
Administration—Forestry.....	3 750	.....
Agricultural Economics.....	21 257	.....
Agricultural Engineering.....	14 997	\$ 200
Agronomy.....	31 311	.....
Animal Husbandry.....	61 113	13 750
Dairy Husbandry.....	36 372	24 400 ²
Home Economics.....	59 645	.....
Horticulture.....	55 607	14 300
Sub-total.....	(315 442)	(52 650)
Organized Activities relating to College (self-supporting):		
Dairy Creamery.....	.....	50 800
Home Economics Cafeteria.....	.....	10 900
Sub-total.....	.....	(61 700)
Total, College.....	\$315 442	\$114 350
Station		
Administration.....	\$16 499	.....
Agricultural Economics.....	28 506	.....
Agricultural Engineering.....	15 662	.....
Agronomy.....	133 256	\$ 6 000
Animal Husbandry.....	99 721	38 000
Dairy Husbandry.....	37 151	11 400 ²
Horticulture.....	52 082	1 200
Sub-total.....	(382 877)	(56 600)
Hatch Fund.....	15 000	.....
Adams Fund.....	15 000	.....
Purnell Fund.....	60 000	.....
Bankhead-Jones Fund.....	65 052	.....
Cook County Experiment Station.....	10 000	1 200
Station Revolving Fund.....	.....	800
Sub-total.....	(165 052)	(2 000)
Total, Station.....	\$547 929	\$58 600
Extension		
Smith-Lever Fund (includes Bankhead-Jones funds)...	\$505 627	.....
Capper-Ketcham Fund.....	38 461	.....
Additional Cooperative Fund.....	13 500	.....
Sub-total.....	(557 588)	.....
Extension Revolving Fund.....	.....	\$7 000
Total Extension.....	\$557 588	\$7 000
Grand Total.....	\$1 420 959	\$179 950

Summary Fund Statement

	General University Funds	Federal and Special ² State Funds	Estimated Income from Sales	Total
College.....	\$315 442	.....	\$114 350	\$429 792
Station.....	382 877	\$165 052	58 600	606 529
Extension.....	.....	557 588	7 000	564 588
Total.....	\$698 319	\$722 640	\$179 950	\$1 600 909

¹Expenditures may not exceed actual receipts if less than estimate.

²Includes \$7,200 estimated surplus from the Creamery, divided equally between College and Station.

³Includes Cook County Agricultural Experiment Station special state appropriation of \$10,000.

Expendable Gift Funds¹
(All Research)

	<i>Salaries and Wages</i>		<i>Expense</i>	<i>Total</i>
Administration:				
Alorco Cryolite Industrial Investigation.....	\$1 200	.....		\$1 200
Oil soluble phenols.....	660	.....		660
Chinch bug repellants.....	100	\$ 50		150
Insecticide research.....	3 000	1 500		4 500
Industrial investigation.....	700	100		800
Demonstrations of phosphate fertilizer.....	1 200	300		1 500
Nicotine insecticides.....	1 200	.....		1 200
Animal Husbandry:				
Calcium in foods.....	3 600	600		4 200
Dextrose in animal feeding.....	2 000	500		2 500
Dairy Husbandry:				
Sanitary milk caps.....	3 000	2 400		5 400
Cerelese investigation.....		250		250
Home Economics:				
Milk Solids.....	2 000	1 300		3 300
Estimated New Projects and Renewals.....	3 000	1 000		4 000
<i>Total</i>	\$21 660	\$8 000		\$29 660

Explanation of symbols in titles

C = College; S = Station; E = Extension

Administration

<i>General</i>	<i>Salary</i>
1. H. W. Mumford, Dean of College of Agriculture (C), Director of Agricultural Experiment Station (S), and Director of Extension Service in Agriculture and Home Economics (E).....	BG75 \$ 6 562
Professor of Animal Husbandry (C).....	A
(See Smith-Lever Fund.....)	BG25 2 188)
(Total salary.....)	8 750)
2. Eugene Davenport, Dean and Professor, <i>Emeritus</i> (C)...	3 900
3. R. R. Hudelson, Assistant Dean and Professor of Agri- cultural Economics (C).....	A 4 750
4. F. H. Rankin, Assistant Dean, <i>Emeritus</i> (C).....	2 476
5. G. L. Jordan, Assistant to the Dean (C) and to the Di- rector (S & E); Assistant Professor (C & E) and Assistant Chief (S), Agricultural Economics.....	DG16 582
(See Smith-Lever Fund.....)	DG15 544)
(See Purnell Fund.....)	DG19 674)
(See Agricultural Economics.....)	DG50 1 800)
(Total salary.....)	3 600)
6. H. W. Hannah, Assistant to the Dean (C) and to the Di- rector (S & E).....	DG21 534
(See Smith-Lever Fund.....)	DG59 1 533)
(See Purnell Fund.....)	DG20 533)
(Total salary.....)	2 600)
7. W. P. Flint, Chief Entomologist with rank of Professor (S)	DG20 1 000
(From State Natural History Survey.....)	DG80 4 000)
(Total salary.....)	5 000)
8. J. C. Spitler, Assistant Director of the Extension Service in Agriculture and Home Economics (E), Associate Professor of Agricultural Extension (C), and State Leader of Farm Advisers (E).....	DG10 500
(See Smith-Lever Fund.....)	DG90 4 500)
(Total salary.....)	5 000)

¹Estimated.

		<i>Salary</i>
9. F. J. Keilholz, Extension Editor with rank of Assistant Professor (C S & E).....	DG16	660
(See Smith-Lever Fund.....)	DG84	3 540)
(Total salary.....)		4 200)
10. Anna C. Glover, Secretary of Agricultural Experiment Station and Manager of Publications (S) (Federal).....		.....
(See Hatch Fund.....)	DG94	3 000)
(See Purnell Fund.....)	DG06	200)
(Total salary.....)		3 200)
11. ———, Editorial Assistant (S) (Federal).....		.....
(See Hatch Fund.....)	DG85	1 700)
(See Purnell Fund.....)	DG15	300)
(Total salary.....)		2 000)
12. J. Allan Smith, Editorial Assistant (S) (Federal).....		.....
(See Purnell Fund.....)	DG50	950)
13. ———, Associate (C).....	D	2 400
14. Elizabeth B. Cole, Specialist in Office Organization and Management (S & E) (Federal).....		.....
(See Smith-Lever Fund.....)	DG80	1 850)
(See Purnell Fund.....)	DG20	450)
(Total salary.....)		2 300)
15. ———, Executive Clerk and Secretary to Dean and Director (Exempt).....	D	2 200
16. Mrs. Jean S. Schulz, Secretary to Assistant Dean (C. S.).....		1 560
17. Bess Riggs, Chief Clerk (C. S.).....	DG83	1 500
(See Smith-Lever Fund.....)	DG17	300)
(Total salary.....)		1 800)
18. Ruth E. Rogers, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	1 260)
19. Bertha A. Helander, Stenographer and Clerk.....		.....
(See Purnell Fund.....)	D	1 260)
20. Lucy Coe, Stenographer (C. S.).....		1 200
21. Velma E. Hudgins, Stenographer (C. S.).....		1 080
22. ———, Clerk.....		.....
(See Bankhead-Jones Research Fund.....)	D	1 080)
23. Dorothy E. Boys, Stenographer (Student).....	DG80	720
<i>Sub-total, Salaries</i>		(31 624)
24. Wages.....	H	4 900
<i>Total, Administration—General</i>		\$ 36 524 ¹

Forestry

1. ———, Professor (C) and Chief (S).....	DG70	\$ 3 500
(See Bankhead-Jones Research Fund.....)	DG30	1 500)
(See Smith-Lever Fund.....)	)
(Total salary.....)		5 000)
2. ———, Assistant Professor (E) and Assistant Chief (S).....		.....
(See Bankhead-Jones Research Fund.....)	DG54	1 900)
(See Smith-Lever Fund.....)	DG46	1 600)
(Total salary.....)		3 500)
3. J. E. Davis, Extension Forester (E).....		.....
(See Smith-Lever Fund.....)	DG18	607)
(Paid from Federal Clarke-McNary Funds, U.S.D.A.)	DG48	1 620)
(Paid by State Natural History Survey.....)	DG34	1 173)
(Total salary.....)		3 400)
4. ———, Assistant, Forestry Extension (E).....		.....
(See Smith-Lever Fund.....)	D	2 400)
<i>Sub-total, Salaries</i>		(3 500)
<i>Total, Forestry (all College)</i>		\$ 3 500

¹College, \$26,585; Station, \$9,939.

*Restricted Gift Funds:**Salary**Tobacco By-Products and Chemical Corporation—Nicotine Insecticides*

1. J. F. Alsterlund, Special Research Assistant (Until further notice)..... F (\$1 200)

Aluminum Company of America—Alorco Synthetic Cryolite

1. Dwight Powell, Special Research Assistant (Until further notice)..... FG75 (1 200)

Monsanto Chemical Company—Monsanto Insecticide Research

1. C. W. Kearns, Special Research Assistant (Until further notice)..... F (3 000)

Niagara Sprayer and Chemical Company—Industrial Investigation

1. V. H. Orum, Special Research Assistant (Until further notice)..... F (1 200)

Agricultural Economics

1. H. C. M. Case, Professor, Agricultural Economics (C) and Chief, Farm Management (S); Head of Department..... A \$ 6 000
2. R. R. Hudelson, Assistant Dean, College of Agriculture, and Professor, Agricultural Economics (C)..... ..
(Salary under Administration)
3. J. W. Lloyd, Professor (C) and Chief (S), Olericulture, in the Department of Horticulture; Professor (C) and Chief (S), Fruit and Vegetable Marketing, in the Department of Agricultural Economics..... ..
(Salary under Horticulture)
4. C. L. Stewart, Professor, Agricultural Economics (C) and Chief, Land Economics (S) (On leave with full pay for second semester and summer of 1937-38) AG71 3 600
(See Purnell Fund..... AG29 1 459)
(Total salary 5 059)
5. L. J. Norton, Professor, Agricultural Economics (C & E) and Chief, Agricultural Marketing (S)..... AG72 3 600
(See Smith-Lever Fund..... AG28 1 400)
(Total salary 5 000)
6. R. C. Ashby, Professor (C) and Chief (S), Livestock Marketing..... AG50 2 125
(See Purnell Fund..... AG50 2 125)
(Total salary 4 250)
7. M. L. Mosher, Professor, Farm Management Extension (E) (See Smith-Lever Fund..... AG50 2 250)
8. R. H. Wilcox, Associate Professor (C) and Associate Chief (S), Farm Management..... DG40 1 500
(See Purnell Fund..... DG60 2 213)
(Total salary 3 713)
9. P. E. Johnston, Associate Professor, Agricultural Economics Extension (E) and Associate Chief, Agricultural Economics (S)..... AG17 650
(See Smith-Lever Fund..... AG83 3 250)
(Total salary 3 900)
10. R. C. Ross, Associate Professor (C) and Associate Chief (S), Farm Management..... A 3 600
11. E. J. Working, Associate Professor (C) and Associate Chief (S)..... AG61 2 950
(See Purnell Fund..... AG39 1 850)
(Total salary 4 800)
(Ten months' service in 1937-38)

		Salary
12. R. W. Bartlett, Assistant Professor (C) and Assistant Chief (S) (On leave without pay for September, 1937).....	BG60	2 160
(See Purnell Fund.....)	BG40	1 440)
(Total salary		3 600)
13. J. B. Cunningham, Assistant Professor, Farm Management Extension (E).....		.....
(See Smith-Lever Fund.....)	D	3 500)
14. G. L. Jordan, Assistant to the Dean (C) and to the Director (S & E); Assistant Professor (C & E) and Assistant Chief (S), Agricultural Economics.....	DG25	900
(See Smith-Lever Fund.....)	DG17	600)
(See Purnell Fund.....)	DG08	300)
(See Administration	DG50	1 800)
(Total salary		3 600)
15. D. E. Lindstrom, Assistant Professor (C & E) and Assistant Chief (S), Rural Sociology.....	DG25	800
(See Smith-Lever Fund.....)	DG50	1 600)
(See Purnell Fund.....)	DG25	800)
(Total salary		3 200)
16. S. W. Decker, Associate, Fruit and Vegetable Marketing (S).....		.....
(See Purnell Fund.....)	D	2 400)
17. W. A. Herrington, Associate, Farm Management (S)....		.....
(See Bankhead-Jones Research Fund.....)	D	3 171)
18. Joseph Ackerman, Associate, Farm Management (C & S).....	DG80	2 080
(See Purnell Fund.....)	DG20	520)
(Total salary		2 600)
19. J. E. Wills, Associate, Farm Management (C & S).....	DG82	2 300
(See Purnell Fund.....)	DG18	500)
(Total salary		2 800)
20. J. W. Green, Associate (C & S).....	DG80	1 760
(See Purnell Fund.....)	DG20	440)
(Total salary		2 200)
21. L. H. Simerl, Extension Specialist, Agricultural Marketing (E) .....		.....
(See Smith-Lever Fund.....)	D	2 000)
22. E. B. Colegrove, Assistant, Farm Management (S).....	DG56	900
(See Purnell Fund.....)	DG44	700)
(Total salary		1 600)
23. J. K. Lee, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	1 700)
24. B. W. Bain, Assistant, Agricultural Economics Extension (E).....		.....
(See Smith-Lever Fund.....)	D	1 700)
25. D. A. Broadbent, Assistant, Farm Management (S).....	DG50	720
(See Purnell Fund.....)	DG50	720)
(Total salary		1 440)
26. E. H. Regnier, Assistant, Rural Organization (E).....		.....
(See Smith-Lever Fund.....)	D	2 100)
27. B. R. Hurt, Assistant (C).....	D	1 800
28. ———, Assistant, Rural Sociology (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	1 800)
29. A. J. Brown, Assistant (S).....		.....
(See Purnell Fund.....)	DG50	840)
30. N. O. Thompson, Assistant, Agricultural Economics Extension (E) .....		.....
(See Smith-Lever Fund.....)	DG50	720)
31. ———, Assistant (S).....		.....
(See Purnell Fund.....)	DG50	720)

		Salary
32. R. T. Ranson, Assistant (S).....		.....
(See Purnell Fund.....)	DG50	720)
33. E. N. Searls, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	DG50	720)
34. K. L. Bachman, Assistant (S).....		.....
(See Purnell Fund.....)	DG50	720)
35. G. W. Freemyer, Assistant (S).....		.....
(See Purnell Fund.....)	DG50	720)
36. M. P. Gehlbach, Assistant (S).....	EG50	600
37. F. G. Warren, Assistant (S).....	EG50	600
38. Helen L. Sears, Secretary (C. S.).....		I 700
39. Marion Baumhauer, Statistical Clerk (C. S.).....		I 260
40. Norma T. Wilson, Clerk (C. S.).....		I 140
41. _____, Stenographer.....		.....
(See Purnell Fund.....)	D	I 080)
42. Frances M. Godfrey, Stenographer.....		.....
(See Purnell Fund.....)	D	I 140)
43. Kathryn Arndt, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	I 020)
44. Mrs. Ruth B. Godsey, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	I 080)
Sub-total, Salaries.....		(42 745)
45. Wages.....	H	2 165
Total, Agricultural Economics.....		\$ 44 910 ¹

Agricultural Engineering

1. E. W. Lehmann, Professor (C) and Chief (S), Head of Department.....	A	\$ 5 500
2. W. A. Foster, Associate Professor (C) and Associate Chief (S), Rural Architecture.....	A	3 750
3. R. I. Shawl, Associate Professor (C) and Associate Chief (S).....	A	3 750
4. A. L. Young, Assistant Professor (C) and Assistant Chief (S).....	B	3 000
5. R. H. Reed, Associate (S).....	D	2 700
6. R. R. Parks, Extension Specialist (E).....		.....
(See Smith-Lever Fund.....)	D	2 900)
7. R. C. Hay, Extension Specialist (E).....		.....
(See Smith-Lever Fund.....)	D	2 300)
8. H. P. Bateman, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	I 800)
9. _____, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	I 440)
10. C. W. Veach, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	I 700)
11. E. L. Hansen, Assistant (C & S).....	D	I 600
12. _____, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	DG50	720)
13. _____, Assistant (C).....	DG50	720
14. Mildred J. Wilson, Stenographer (C. S.).....		I 200
15. Inez L. Jameson, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	I 020)
16. M. D. Rose, Retired.....		663
Sub-total, Salaries.....		(22 883)
17. Wages.....	H	4 780
Total, Agricultural Engineering.....		\$ 27 663 ²

¹College, \$20,857; Station, \$24,053.

²College, \$13,992; Station, \$13,671.

Agronomy		Salary
1. W. L. Burlison, Professor (C) and Chief (S), Crop Production; Head of Department.....	A	\$ 7 000
2. C. F. Hottes, Consulting Plant Physiologist (S).....	DG17	935
(See Department of Botany.....)	AG83	4 565)
(Total salary.....)		5 500)
3. L. H. Smith, Chief in charge of Publications of Soil Survey (S).....	A	4 038
4. F. C. Bauer, Professor, Soil Fertility (C) and Chief, Soil Experiment Fields (S).....	A	4 725
5. J. C. Hackleman, Professor, Crops Extension (E).....	A	.....
(See Smith-Lever Fund.....)	A	4 520)
6. E. E. DeTurk, Professor, Soil Fertility (C) and Chief, Soil Fertility and Soil Analysis (S).....	A	4 000
7. R. S. Smith, Professor, Soil Physics (C) and Chief, Soil Physics and Soil Survey (S).....	A	4 725
8. C. M. Woodworth, Professor (C) and Chief (S), Plant Genetics.....	A	4 250
9. J. J. Pieper, Professor (C) and Chief (S), Crop Production.....	A	3 750
10. G. H. Dungan, Professor (C) and Chief (S), Crop Production.....	AG33	1 350
(See Hatch Fund.....)	AG67	2 400)
(Total salary.....)		3 750)
11. Benjamin Koehler, Chief, Crop Pathology (S).....	A	3 750
12. L. J. Norton, Professor, Agricultural Economics (C & E) and Chief, Agricultural Marketing (S).....		.....
(Salary under Agricultural Economics)		
13. O. H. Sears, Associate Professor (C) and Associate Chief (S), Soil Biology.....	A	3 600
14. H. J. Snider, Assistant Chief, Soil Experiment Fields (S).....	B	2 905
15. D. C. Wimer, Assistant Professor (C) and Assistant Chief (S), Soil Physics.....	B	3 225
16. C. M. Linsley, Assistant Professor, Soils Extension (E) ..	B	.....
(See Smith-Lever Fund.....)	B	3 800)
17. A. L. Lang, Assistant Chief, Soil Experiment Fields (S).....	B	2 800
18. F. H. Crane, Assistant Professor (C) and Assistant Chief (S), Soil Fertility.....	B	2 800
19. R. H. Bray, Assistant Chief, Soil Survey Analysis (S) ..	B	3 200
20. Herman Wascher, Assistant Chief, Soil Survey (S).....	B	2 800
21. O. T. Bonnett, Assistant Professor (C) and Assistant Chief (S), Plant Genetics.....	B	2 500
22. R. S. Stauffer, Associate, Soil Physics and Soil Survey (S).....	B	2 500
23. C. J. Badger, Associate, Soil Experiment Fields (S).....	B	2 100
24. W. J. Mumm, Associate, Plant Genetics (C & S).....	B	2 500
25. L. B. Miller, Associate, Soil Experiment Fields (S).....	B	2 300
26. J. E. Giesecking, Associate, Soil Physics and Soil Survey (S).....	B	2 400
27. Eric Winters, Associate, Soil Physics and Soil Survey (S).....	B	2 500
28. G. D. Smith, Associate, Soil Physics and Soil Survey (S).....	B	2 500
29. J. C. Anderson, First Assistant, Soil Fertility (S).....	D	1 630
30. P. E. Johnson, First Assistant, Soil Experiment Fields (S).....	D	2 000
31. E. B. Earley, First Assistant, Soil Fertility (S).....	D	1 800
32. C. H. Farnham, First Assistant, Soil Experiment Fields (S).....	D	2 100
33. M. D. Appleman, Assistant, Soil Biology (S).....	DG40	600
(See Hatch Fund.....)	DG60	900)
(Total salary.....)		1 500)
34. L. F. Marriott, Assistant, Soil Experiment Fields (S)....	D	1 600
35. E. P. Whiteside, Assistant, Soil Physics and Soil Survey (S).....	D	1 600

		Salary
36. _____, Assistant, Crop Production (C).....	D	1 200
37. E. D. Walker, Extension Specialist (E).....		.....
(See Smith-Lever Fund.....)	D	3 000)
38. L. V. Sherwood, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	1 700)
39. _____, Assistant, Crop Production (C).....		.....
(See Bankhead-Jones Research Fund.....)	D	1 800)
(Total salary		1 800)
40. R. B. Musgrave, Assistant, Crop Production (C).....	DG50	720
41. T. G. Miner, Assistant, Crop Production (S).....	DG09	130
(See Hatch Fund.....)	DG41	590)
(Total salary		720)
42. S. R. Dickman, Assistant, Soil Survey Analysis (S).....	DG50	720
43. L. C. Olson, Assistant, Soil Survey Analysis (S).....	DG50	720
44. Cecele E. Schlarman, Head Stenographer (C. S.).....		1 800
45. Lulu B. Meyers, Senior Clerk (C. S.).....		1 660
46. Rosa M. Nickell, Stenographer (C. S.).....		1 200
47. Evelyn Raffelson, Stenographer (C. S.).....		1 020
48. Orlena L. Stevenson, Stenographer (C. S.).....		1 020
49. Mary F. Tabaka, Typist (C. S.).....		1 080
50. Grace M. Fitch, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	1 020)
51. F. W. Gault, <i>Retired</i>		1 007
52. J. D. Smith, <i>Retired</i>		559
<i>Sub-total, Salaries</i>		(103 319)
53. Wages.....	H	26 125
<i>Total, Agronomy</i>		\$129 444 ¹

Animal Husbandry

1. H. P. Rusk, Professor (C) and Chief (S), Cattle Husbandry; Head of Department.....	A	\$ 7 200
2. Robert Graham, Professor (C & E) and Chief (S), Animal Pathology and Hygiene.....	AG74	3 815
(See Smith-Lever Fund.....)	AG26	1 325)
(Total salary		5 140)
3. L. E. Card, Professor (C) and Chief (S), Poultry Husbandry.....	A	5 560
4. J. L. Edmonds, Professor (C) and Chief (S), Horse Husbandry.....	A	4 750
5. H. H. Mitchell, Professor (C) and Chief (S), Animal Nutrition (On leave with pay from Sept. 1 to Oct. 31, 1937).....	AG75	3 567
(See Adams Fund.....)	AG25	1 183)
(Total salary		4 750)
6. W. E. Carroll, Professor (C) and Chief (S), Swine Husbandry (On leave without pay for entire year)	A	4 038
7. Elmer Roberts, Professor (C) and Chief (S), Animal Genetics.....	AG50	2 000
(See Adams Fund.....)	AG50	2 000)
(Total salary		4 000)
8. R. C. Ashby, Professor (C) and Chief (S), Livestock Marketing.....	A	.....
(Salary under Agricultural Economics)		
9. Sleeter Bull, Associate Professor (C) and Associate Chief (S), Meats.....	AG67	2 692
(See Purnell Fund.....)	AG33	1 346)
(Total salary		4 038)
10. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E).....		.....
(See Smith-Lever Fund.....)	A	4 025)

¹College, \$29,221; Station, \$100,223.

		Salary
11. H. S. Grindley, Professor, Animal Nutrition, <i>Emeritus</i> (C).....		2 000
12. C. A. Brandly, Associate Chief, Animal Pathology and Hygiene (S & E).....		.....
(Paid by State Department of Agriculture.....	AG86	3 600)
(See Smith-Lever Fund.....	AG14	600)
(Total salary.....		4 200)
13. R. R. Snapp, Associate Professor (C) and Associate Chief (S), Beef Cattle Husbandry.....	A	3 750
14. W. G. Kammlade, Associate Professor (C) and Associate Chief (S), Sheep Husbandry (On leave without pay from Oct. 1, 1937, to July 1, 1938).....	A	3 750
15. ———, Associate Professor (C) and Associate Chief (S) (Salary paid from Items 6 and 14; not included in total.....	FG75	3 000)
16. B. W. Fairbanks, Associate Professor (C) and Associate Chief (S) (Salary paid from Item 6 and not included in total.....	DG75	2 700)
17. H. H. Alp, Assistant Professor, Poultry Extension (E) (See Smith-Lever Fund.....	B	3 500)
18. T. S. Hamilton, Associate, Animal Nutrition (C & S)....	DG81	2 600)
(See Adams Fund.....	DG19	600)
(Total salary.....		3 200)
19. G. L. Dunlap, Associate, Animal Pathology and Hygiene (S).....	D	2 900
20. C. W. Crawford, Associate, Animal Husbandry (C & S).....	D	2 800
21. H. G. Russell, Extension Specialist, Animal Husbandry (E) (See Smith-Lever Fund.....	D	2 700)
22. H. M. Scott, Associate, Poultry Husbandry (C & S)....	DG50	1 400
23. B. R. Burmester, Instructor (C) and First Assistant (S), Animal Physiology.....	DG73	1 600)
(See Bankhead-Jones Research Fund.....	DG27	600)
(Total salary.....		2 200)
24. M. Helen Keith, First Assistant, Animal Nutrition, <i>Emeritus</i> (S).....		879
25. ———, Assistant, Animal Nutrition (S).....		.....
(See Bankhead-Jones Research Fund.....	D	2 500)
26. Jesse Sampson, Assistant, Animal Pathology and Hygiene (S & E).....		.....
(Paid by State Department of Agriculture.....	DG89	2 430)
(See Smith-Lever Fund.....	DG11	300)
(Total salary.....		2 730)
27. L. E. Boley, Assistant, Animal Pathology and Hygiene (C & S).....	D	2 100
28. J. M. Severens, Assistant, Animal Genetics (S).....		.....
(See Bankhead-Jones Research Fund.....	D	1 800)
29. Jessie R. Beadles, Assistant, Animal Nutrition (S)....	DG50	800
(See Adams Fund.....	DG50	800)
(Total salary.....		1 600)
30. Frank Simpson, Assistant, Animal Nutrition (S).....	DG27	420
(See Adams Fund.....	DG73	1 140)
(Total salary.....		1 560)
31. Mrs. Elizabeth Curzon, Assistant, Animal Nutrition (S).....	DG66	925
(See Adams Fund.....	DG34	475)
(Total salary.....		1 400)
32. ———, Assistant Animal Parasitologist (S).....		.....
(Entire salary paid by State Department of Agriculture.....	D	1 500)
33. Margaret Madden, Assistant, Animal Husbandry (S)....	D	1 320
34. G. A. Branaman, Assistant (S) (Salary paid from Item 6 and not included in total.....	DG25	780)

		Salary
35. W. T. Haines, Laboratory Technician (S).....	D	1 720
36. F. I. Nakamura, Assistant, Animal Nutrition (S).....	DG50	880
(See Adams Fund.....)	DG25	440)
(Total salary.....)		1 320)
37. A. E. Cullison, Assistant (C & S).....	DG25	360
(See Bankhead-Jones Research Fund.....)	DG50	720)
(Total salary.....)		1 080)
38. Wise Burroughs, Assistant (C & S).....	DG75	1 080
39. _____, First Assistant, Animal Pathology and Hygiene (S).....	DG50	860
40. M. D. Cook, Assistant, Animal Pathology and Hygiene (S).....	DG50	720
41. L. L. Mort, Assistant, Animal Genetics (S).....	DG50	720
42. R. J. Webb, Assistant (C).....	EG50	600
43. _____, Assistant (C).....	EG50	600
44. Josephine Schmalhausen, Executive Clerk (C. S.).....		2 200
45. Mrs. Mary P. Sudduth, Stenographer (C. S.).....		1 500
46. Mrs. Margaret Schrader, Senior Clerk (C. S.).....		1 344
47. Florence O. Turner, Stenographer (C. S.).....		1 320
48. Blanche Hays, Stenographer (C. S.).....		1 200
49. Mrs. Ethylene O. Campbell, Stenographer (C. S.).....		1 200
50. Mrs. Mildred Musgrave, Stenographer (C. S.).....		1 080
51. Leah M. Dunn, Stenographer (C. S.).....		1 140
52. _____, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	1 080)
53. F. Ruby Stokes, Stenographer (C. S.).....		1 020
54. W. C. Jones, <i>Retired</i>		540
55. J. L. Heddins, <i>Retired</i>		904
Sub-total, Salaries.....		(81 854)
56. Wages.....	H	46 320
Total, Animal Husbandry.....		\$128 174 ¹

Restricted Gift Fund:

Cooperative Research Fund, American Dry Milk Institute, Inc.—Calcium in Foods:

1. _____, Special Research Assistant in Animal Nutrition (Until further notice)..... F (3 600)

Dairy Husbandry

1. H. A. Ruehe, Professor (C) and Chief (S), Dairy Manufactures; Head of Department..... A \$ 6 000
2. M. J. Prucha, Professor (C) and Chief (S), Dairy Bacteriology..... AG65 2 750
(See Hatch Fund.....) AG35 1 500)
(Total salary.....) 4 250)
3. W. L. Gaines, Professor (C) and Chief (S), Milk Production..... AG44 1 650
(See Hatch Fund.....) AG56 2 100)
(Total salary.....) 3 750)
4. W. W. Yapp, Professor (C) and Chief (S), Dairy Cattle A 4 000
5. C. S. Rhode, Professor, Dairy Husbandry Extension (E).....
(See Smith-Lever Fund.....) A 4 160)
6. W. B. Nevens, Professor (C) and Chief (S), Dairy Cattle Feeding..... AG67 2 525
(See Hatch Fund.....) AG33 1 225)
(Total salary.....) 3 750)
7. P. H. Tracy, Professor (C) and Chief (S), Dairy Manufactures..... AG33 1 333
(See Dairy Creamery.....) AG67 2 667)
(Total salary.....) 4 000)

¹College, \$51,498; Station, \$76,676.

		Salary
8. W. J. Fraser, Professor, Dairy Farming, <i>Emeritus</i> , (C)		I 834
9. O. R. Overman, Associate Professor (C) and Associate Chief (S), Dairy Chemistry.....	A	3 700
10. J. M. Brannon, Assistant Professor (C) and Assistant Chief (S), Dairy Bacteriology.....	BG53	I 475
(See Hatch Fund.....)	BG47	I 325)
(Total salary.....)		2 800)
11. R. W. Bartlett, Assistant Professor (C) and Assistant Chief (S), Agricultural Economics.....		.....
(Salary under Agricultural Economics)		
12. S. L. Tuckey, Associate, Dairy Manufactures (C & S)...	D	2 600
13. A. F. Kuhlman, Associate (C & S).....	D	2 200
14. B. F. Whitmore, Extension Specialist, Dairy Husbandry (E).....		.....
(See Smith-Lever Fund.....)	D	2 500)
15. W. J. Corbett, First Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....)	D	2 000)
16. S. G. Menefee, Assistant, Dairy Chemistry (C & S)....	D	I 600
17. J. G. Cash, Assistant, Dairy Husbandry Extension (E)..		.....
(See Smith-Lever Fund.....)	D	2 100)
18. _____, Assistant, Dairy Production (C & S)....	D	I 600
19. _____, Assistant, Dairy Manufactures (C & S)..	D	I 440
20. _____, Assistant, Dairy Manufactures (C & S)..	DG50	720
21. A. C. Maack, Assistant, Dairy Manufactures (C & S)....	DG50	720
22. Roberta J. Buckley, Stenographer (C. S.).....		I 500
23. _____, Stenographer (C. S.).....		I 080
24. Mrs. Ellen L. Fabert, Stenographer (C. S.).....		I 200
25. _____, Clerk (C. S.).....		I 020
26. Melba L. Holmes, Stenographer (C. S.).....		I 140
27. _____, Typist (C. S.).....		I 020
28. Mrs. Thelma I. Rund, Clerk (C. S.).....		.....
(See Dairy Creamery.....)		I 260)
29. Martha G. Glass, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	I 140)
30. W. T. Marsh, <i>Retired</i>		345
31. A. C. Vogele, <i>Retired</i>		579
<i>Sub-total, Salaries</i>		(44 031)
32. Wages.....	H	30 695
<i>Total, Dairy Husbandry</i>		\$ 74 726 ¹

Dairy Creamery

1. P. H. Tracy, Professor (C) and Chief (S), Dairy Manufactures.....	AG67	\$ 2 667
(See Dairy Husbandry.....)	AG33	I 333)
(Total salary.....)		4 000)
2. Mrs. Thelma I. Rund, Clerk (C. S.).....		I 260
<i>Sub-total, Salaries</i>		(3 927)
3. Wages.....	H	11 650
<i>Total, Dairy Creamery</i>		\$ 15 577

Home Economics

1. J. Lita Bane, Professor, Head of Department (C); Vice-Director of Extension Work in Home Economics (E).....	AG85	\$ 4 425
(See Smith-Lever Fund.....)	AG15	825)
(Total salary.....)		5 250)
2. Isabel Bevier, Professor, <i>Emeritus</i> (C).....		2 160

¹College, \$39,782; Station, \$34,944.

		<i>Salary</i>
3. Sybil Woodruff, Professor (C) and Chief (S), Foods...	AG70	2 800
(See Purnell Fund.....)	AG30	1 200)
(Total salary.....)		4 000)
4. Julia P. Outhouse, Associate Professor (C) and Associate Chief (S), Nutrition.....	AG65	2 260
(See Purnell Fund.....)	AG35	1 240)
(Total salary.....)		3 500)
5. H. F. Bigelow, Assistant Professor (C) and Assistant Chief (S), Household Management.....	EG42	1 500
(See Bankhead-Jones Research Fund.....)	EG08	300)
(Total salary.....)		1 800)
5a. ———, Assistant Professor (C) and Assistant Chief (S), Household Management.....	EG14	500
(See Bankhead-Jones Research Fund.....)	EG36	1 300)
(Total salary.....)		1 800)
6. Harriet T. Barto, Assistant Professor, Dietetics (C).....	B	3 150
7. Eda A. Jacobsen, Assistant Professor (C).....	B	2 800
8. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension (E), Assistant Professor (C).....	DG09	350
(See Smith-Lever Fund.....)	DG91	3 400)
(Total salary.....)		3 750)
9. Evelyn Smith, Assistant Professor, Institution Management (C).....	B	3 160
10. Edna E. Walls, Assistant Professor, Child Development and Parent Education (C & E).....	DG18	557
(See Smith-Lever Fund.....)	DG82	2 603)
(Total salary.....)		3 160)
11. Fannie M. Brooks, Assistant Professor, Health Education (C & E).....	DG07	232
(See Smith-Lever Fund.....)	DG93	2 968)
(Total salary.....)		3 200)
12. Virginia Weaver, Assistant Professor (C).....	B	3 100
13. Mary C. Whitlock, Assistant Professor (C).....	B	2 600
14. Helen Eades, Associate (C).....	B	2 225
15. Milicent L. Hathaway, Associate (C & S).....	DG50	1 130
(See Purnell Fund.....)	DG50	1 130)
(Total salary.....)		2 260)
16. Mrs. Ruth C. Freeman, Associate, Home Accounts (S & E).....		.....
(See Purnell Fund.....)	DG36	855)
(See Smith-Lever Fund.....)	DG64	1 545)
(Total salary.....)		2 400)
17. Majel M. MacMasters, Associate (C & S).....	DG21	375
(See Purnell Fund.....)	DG79	1 425)
(Total salary.....)		1 800)
18. Mrs. Pearl Z. Janssen, Associate (C).....	D	2 000
19. Florence King, Associate (C).....	D	2 300
20. Gladys M. Kinsman, Associate (S).....		.....
(See Purnell Fund.....)	D	2 300)
21. Mildred Chapin, Instructor (C).....	E	1 800
22. Agnes M. Doster, Instructor (C).....	EG15	300
23. Elizabeth Rogosheski, Instructor (C).....	E	1 800
24. Helen K. Klaas, First Assistant (S).....		.....
(See Purnell Fund.....)	EG67	1 000)
(See Bankhead-Jones Research Fund.....)	EG33	500)
(Total salary.....)		1 500)
25. Mrs. Florence B. Whitehead, Assistant (C).....	E	1 200
26. Elizabeth Kempster, Assistant, Nutrition (S).....		.....
(See Purnell Fund.....)	D	1 500)

27. Helen E. Underwood, Assistant, Institution Management (C).....	EG47	Salary 800
(See Cafeteria Fund.....)	EG53	900)
(Total salary.....)		1 700)
28. ———, Assistant (C).....	EG50	600
29. ———, Assistant (C).....	E	1 450
30. M. Elizabeth Jensen, Laboratory Assistant (C).....	EG50	600
31. ———, Assistant (C & S).....	DG17	240
(See Purnell Fund.....)	DG08	120)
(Total salary.....)		360)
32. ———, Assistant (C).....	DG25	360
33. Evelyn C. Chambers, Laboratory Assistant (C & S).....	EG33	400
(See Purnell Fund.....)	EG17	200)
(Total salary.....)		600)
34. ———, Assistant, Home Accounts (S).....		.....
(See Bankhead-Jones Research Fund.....)		1 500)
34a. ———, Assistant (S).....		.....
(See Bankhead-Jones Fund.....)		1 600)
(\$1300 paid from Item 5a)		
35. ———, Assistant (C).....	EG20	300
36. Bessie E. Packard, Secretary.....	D	1 900
37. Mrs. Margaret H. van Amerongen, Stenographer (C. S.).....		1 200
38. ———, Laboratory Caretaker (C. S.).....	DG75	650
(See Building Operations.....)	DG25	250)
(Total salary.....)		900)
39. Mrs. Mary L. Ryan, <i>Retired</i>	DG67	288
(See Building Operations.....)	DG33	144)
(Total salary.....)		432)
<i>Sub-total, Salaries</i>		(51 512)
40. Wages.....	H	1 150
<i>Total, Home Economics</i>		\$ 52 662

Special Restricted Gift Fund:

The Trust American Dry Milk Institute, Inc.—Milk Solids

1. Dorothy E. Sheldon, Special Research Assistant (Until further notice)	F	(1 800)
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Home Economics Cafeteria

1. Helen E. Underwood (See Home Economics, Item 29) ..	EG53	\$ 900
<i>Sub-total, Salaries</i>		(900)
2. Wages.....	H	2 500
<i>Total, Home Economics Cafeteria</i>		\$ 3 400

Horticulture

1. J. C. Blair, Professor (C) and Chief (S), Horticulture; Head of Department.....	A	\$ 7 000
2. J. W. Lloyd, Professor (C) and Chief (S), Olericulture, in Department of Horticulture; Professor (C) and Chief (S), Fruit and Vegetable Marketing, in Department of Agricultural Economics.....	AG88	4 468
(See Cook County Experiment Station.....)	AG12	632)
(Total salary.....)		5 100)
3. H. B. Dorner, Professor (C) and Chief (S), Floriculture ..	A	4 700
4. M. J. Dorsey, Professor (C) and Chief (S), Pomology..	A	4 700
5. W. A. Ruth, Professor (C) and Chief (S), Pomological Physiology.....	A	4 000
6. A. S. Colby, Professor, Pomology (C) and Chief, Small Fruit Culture (S).....	A	3 900
7. H. W. Anderson, Professor (C) and Chief (S), Pomological Pathology.....	A	3 900
8. S. W. Hall, Associate Professor (C) and Associate Chief (S), Floriculture.....	A	3 750

9. W. A. Huelsen, Associate Professor (C) and Associate Chief (S), Olericulture.....	A	<i>Salary</i> 3 750
10. F. F. Weinard, Associate Professor (C) and Associate Chief (S), Floricultural Physiology.....	A	3 400
11. V. W. Kelley, Associate Professor, Horticulture Extension (E).....	.....	.....
(See Smith-Lever Fund.....)	A	3 300)
12. J. P. McCollum, Assistant Professor (C) and Assistant Chief (S), Olericulture.....	BG57	1 600
(See Cook County Experiment Station.....)	BG43	1 200)
(Total salary.....)		2 800)
13. _____, Assistant Professor (C) and Assistant Chief (S), Pomology.....		3 000
14. R. L. McMunn, Assistant Professor (C) and Assistant Chief (S), Pomology.....	B	2 800
15. James Hutchinson, Associate, Floriculture (S).....	B	2 800
16. L. A. Somers, Associate, Vegetable Gardening Extension (E).....	.....	.....
(See Smith-Lever Fund.....)	D	2 400)
17. K. J. Kadow, Associate Pathologist (S).....	DG60	1 320
(See Cook County Experiment Station.....)	DG40	880)
(Total salary.....)		2 200)
18. B. L. Weaver, Instructor (C) and First Assistant (S), Olericulture.....	D	2 400
19. _____, Extension Specialist, Landscape Gardening (E).....	.....	.....
(See Smith-Lever Fund.....)	D	1 600)
20. J. B. Corns, Extension Specialist, Olericulture (E).....	.....	.....
(See Smith-Lever Fund.....)	D	2 400)
21. W. C. Walker, Assistant, Olericulture (C & S).....	DG50	800
22. _____, Assistant (S).....	.....	.....
(See Cook County Experiment Station.....)	D	1 100)
23. Louise Mosgrove, Secretary (C. S.).....	.....	1 800
24. Mildred M. Burmeier, Stenographer and Clerk (C. S.)...	.....	1 080
25. _____, Stenographer and Record-keeper.....	.....	.....
(See Adams Fund.....)	D	900)
26. _____, Stenographer (C. S.).....	.....	960
27. Hortense Ishmael, Stenographer (C. S.).....	.....	960
28. Mrs. Helen V. Hamlin, Stenographer and Clerk (C. S.)..	.....	1 400
29. Patricia J. Wood, Stenographer (E) (On leave without pay from Sept. 1 to Oct. 31, 1937).....	.....	.....
(See Smith-Lever Fund.....)	D	960)
30. D. C. Sprinkle, <i>Retired</i>.....	.....	570
31. E. P. Brentlinger, <i>Retired</i>.....	.....	657
<i>Sub-total, Salaries</i>		(65 715)
32. Wages.....	H	37 948
<i>Total, Horticulture</i>		\$103 663 ¹

Cook County Experiment Station

1. J. W. Lloyd (See Horticulture, Item 2).....	AG12	\$ 632
2. J. P. McCollum (See Horticulture, Item 12).....	AG43	1 200
3. K. J. Kadow (See Horticulture, Item 17).....	DG40	880
4. _____ (See Horticulture, Item 22).....	D	1 100
<i>Sub-total, Salaries</i>		(3 812)
5. Wages.....	H	4 000 ²
<i>Total, Cook County Experiment Station</i>		\$ 7 812

¹College, \$59,127; Station, \$44,536.

²The perquisite of house rental of at least \$360 per year will be assigned to Walter N. Brown, Scientific Assistant at the Cook County Experiment Station, who will be paid from wages.

Adams Fund*Animal Husbandry**Salary*

1. H. H. Mitchell (See Animal Husbandry, Item 5).....	AG25	\$ 1 183
2. Elmer Roberts (See Animal Husbandry, Item 7).....	AG50	2 000
3. T. S. Hamilton (See Animal Husbandry, Item 18).....	DG19	600
4. Jessie R. Beadles (See Animal Husbandry, Item 29).....	DG50	800
5. Frank Simpson (See Animal Husbandry, Item 30).....	DG73	1 140
6. Mrs. Elizabeth Curzon (See Animal Husbandry, Item 31).....	DG34	475
7. F. I. Nakamura (See Animal Husbandry, Item 36).....	DG25	440

Horticulture

8. —————, (See Horticulture, Item 25).....	D	900
<i>Sub-total, Salaries</i>		(7 538)
9. Wages.....	H	7 462
<i>Total, Adams Fund</i>		\$ 15 000

Hatch Fund*Administration*

1. Anna C. Glover (See Administration, Item 10).....	DG94	\$ 3 000
2. —————, (See Administration, Item 11).....	DG85	1 700

Agronomy

3. G. H. Dungan (See Agronomy, Item 10).....	AG67	2 400
4. M. D. Appleman (See Agronomy, Item 33).....	DG60	900
5. T. G. Miner (See Agronomy, Item 41).....	DG41	590

Dairy Husbandry

6. M. J. Prucha (See Dairy Husbandry, Item 2).....	AG35	1 500
7. W. L. Gaines (See Dairy Husbandry, Item 3).....	AG56	2 100
8. W. B. Nevens (See Dairy Husbandry, Item 6).....	AG33	1 225
9. J. M. Brannon (See Dairy Husbandry, Item 10).....	BG47	1 325
<i>Sub-total, Salaries</i>		(14 740)
10. Wages.....	H	260
<i>Total, Hatch Fund</i>		\$ 15 000

Purnell Fund*Administration*

1. G. L. Jordan (See Administration, Item 5, and Agricultural Economics, Item 14).....	DG19	\$ 674
2. H. W. Hannah (See Administration, Item 6).....	DG20	533
3. Anna C. Glover (See Administration, Item 10).....	DG06	200
4. ————— (See Administration, Item 11).....	DG15	300
5. J. Allan Smith (See Administration, Item 12).....	DG50	950
6. Elizabeth B. Cole (See Administration, Item 14).....	DG20	450
7. Bertha A. Helander (See Administration, Item 19).....	D	1 260
<i>Sub-total, Administration</i>		(4 367)

Agricultural Economics

8. C. L. Stewart (See Agricultural Economics, Item 4)....	AG29	1 459
9. R. C. Ashby (See Agricultural Economics, Item 6).....	AG50	2 125
10. R. H. Wilcox (See Agricultural Economics, Item 8)....	DG60	2 213
11. E. J. Working (See Agricultural Economics, Item 11)...	AG39	1 850
12. R. W. Bartlett (See Agricultural Economics, Item 12)...	BG40	1 440
13. G. L. Jordan (See Agricultural Economics, Item 14)....	DG08	300
14. D. E. Lindstrom (See Agricultural Economics, Item 15)...	DG25	800
15. S. W. Decker (See Agricultural Economics, Item 16)....	D	2 400
16. Joseph Ackerman (See Agricultural Economics, Item 18)...	DG20	520
17. J. E. Wills (See Agricultural Economics, Item 19).....	DG18	500
18. J. W. Green (See Agricultural Economics, Item 20)....	DG20	440
19. E. B. Colegrove (See Agricultural Economics, Item 22)...	DG44	700
20. D. A. Broadbent (See Agricultural Economics, Item 25)...	DG50	720

		Salary
21. A. J. Brown (See Agricultural Economics, Item 29).....	DG50	840
22. _____ (See Agricultural Economics, Item 31)...	DG50	720
23. R. T. Ranson (See Agricultural Economics, Item 32)....	DG50	720
24. K. L. Bachman (See Agricultural Economics, Item 34) ..	DG50	720
25. G. W. Freemyer (See Agricultural Economics, Item 35) ..	DG50	720
26. _____ (See Agricultural Economics, Item 41)...	D	1 080
27. Frances M. Godfrey (See Agricultural Economics, Item 42)	D	1 140
Sub-total, <i>Agricultural Economics</i>		(21 407)
<i>Animal Husbandry</i>		
28. Sleeter Bull (See Animal Husbandry, Item 9).....	AG33	1 346
<i>Home Economics</i>		
29. Sybil Woodruff (See Home Economics, Item 3).....	AG30	1 200
30. Julia P. Outhouse (See Home Economics, Item 4).....	AG35	1 240
31. Milicent L. Hathaway (See Home Economics, Item 15) ..	DG50	1 130
32. Mrs. Ruth C. Freeman (See Home Economics, Item 16)	DG36	855
33. Majel M. MacMasters (See Home Economics, Item 17) ..	DG79	1 425
34. Helen K. Klaas (See Home Economics, Item 24).....	EG67	1 000
35. Gladys M. Kinsman (See Home Economics, Item 20)....	D	2 300
36. Elizabeth Kempster (See Home Economics, Item 26)....	D	1 500
37. _____ (See Home Economics, Item 31).....	DG08	120
38. Evelyn C. Chambers (See Home Economics, Item 33)...	EG17	200
Sub-total, <i>Home Economics</i>		(10 970)
Sub-total, <i>Salaries</i>		(38 090)
39. Wages.....	H	7 650
Total, <i>Purnell Fund</i>		\$ 45 740

Bankhead-Jones Research Fund

Administration

1. _____ (See Administration—Forestry, Item 1) ..	DG30	\$ 1 500
2. _____ (See Administration—Forestry, Item 2) ..	DG54	1 900
3. _____ (See Administration—General, Item 22) ..	D	1 080

Agricultural Economics

4. W. A. Herrington (See Agricultural Economics, Item 17) D	3 171
5. J. K. Lee (See Agricultural Economics, Item 23).....	1 700
6. _____ (See Agricultural Economics, Item 28)....	1 800
7. E. N. Searls (See Agricultural Economics, Item 33).....	DG50 720

Agricultural Engineering

8. H. P. Bateman (See Agricultural Engineering, Item 8) ..	D 1 800
9. _____ (See Agricultural Engineering, Item 9)....	D 1 440
10. C. W. Veach (See Agricultural Engineering, Item 10)...	D 1 700
11. _____ (See Agricultural Engineering, Item 12) ..	DG50 720

Agronomy

12. L. V. Sherwood (See Agronomy, Item 38).....	D 1 700
13. _____ (See Agronomy, Item 39).....	D 1 800

Animal Husbandry

14. _____ (See Animal Husbandry, Item 25).....	D 2 500
15. B. R. Burmester (See Animal Husbandry, Item 23).....	DG27 600
16. J. M. Severens (See Animal Husbandry, Item 28).....	D 1 800
17. A. E. Cullison (See Animal Husbandry, Item 37).....	DG50 720

Dairy Husbandry

18. W. J. Corbett (See Dairy Husbandry, Item 15).....	D 2 000
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Home Economics

			<i>Salary</i>
19. _____	(See Home Economics, Item 5a).....	DG36	I 300
20. H. F. Bigelow	(See Home Economics, Item 5).....	EGo8	300
21. _____	(See Home Economics, Item 34a) (Paid		
	from Item 19 above.....	DG81	I 300)
	Additional.....	DG19	300
	(Total salary.....		I 600)
22. Helen K. Klaas	(See Home Economics, Item 24).....	EG33	500
23. _____	(See Home Economics, Item 34).....	D	I 500
	<i>Sub-total, Salaries</i>		(32 551)
24. Wages.....		H	12 294
	<i>Total, Bankhead-Jones Research Fund</i>		\$ 44 845

**Extension Service in Agriculture and Home Economics
Smith-Lever Fund**

(Includes Bankhead-Jones Extension Fund)

Administration

1. H. W. Mumford, Dean of College of Agriculture (C), Director of Agricultural Experiment Station (S), Director of Extension Service in Agriculture and Home Economics (E).....	BG25	\$ 2 188
Professor of Animal Husbandry (C).....	A	.....
(See Administration.....	BG75	6 562)
(Total salary.....		8 750)
2. G. L. Jordan, Assistant to the Dean (C) and to the Di- rector (S & E); Assistant Professor (C & E) and Assistant Chief (S), Agricultural Economics.....	DG15	544
(See Purnell Fund.....	DG19	674)
(See Administration.....	DG16	582)
(See Agricultural Economics.....	DG50	I 800)
(Total salary.....		3 600)
3. H. W. Hannah, Assistant to the Dean (C), and to the Director (S & E).....	DG59	I 533
(See Purnell Fund.....	DG20	533)
(See Administration.....	DG21	534)
(Total salary.....		2 600)
4. D. M. Hall, Extension Project Supervisor with rank of Assistant Professor (E).....	D	3 000
5. _____, Extension Specialist, Rural Resettle- ment (E).....	D	4 000
6. _____, Extension Specialist, Rural Organiza- tion (E).....	D	3 000
7. Elizabeth B. Cole, Specialist in Office Organization and Management (S & E).....	DG80	I 850
(See Purnell Fund.....	DG20	450)
(Total salary.....		2 300)
8. Blanche L. Lewis, Executive Clerk.....	D	2 100
9. Mrs. Mellie G. Holt, File Clerk.....	D	I 320
10. Audrey E. Wood, Stenographer and Clerk.....	D	I 260
11. Ruth E. Rogers, Stenographer.....	D	I 260
12. Louise A. Westerbeek, Stenographer and Bookkeeper....	D	I 180
13. Benita L. Winget, Stenographer and Bookkeeper.....	D	I 140
14. Mrs. Mary F. Mauk, Stenographer and Clerk.....	D	I 140
15. Bess Riggs, Chief Clerk (C. S.).....	DG17	300
(See Administration.....	DG83	I 500)
(Total salary.....		I 800)
16. _____, Stenographer.....	D	I 080
17. Wages.....	H	2 000
	<i>Sub-total, Administration</i>	(28 895)

Extension Editors

		Salary
18. F. J. Keilholz, Extension Editor with rank of Assistant Professor (C S & E).....	DG84	3 540
(See Administration	DG16	660)
(Total salary.....		4 200)
19. W. J. Wyatt, Assistant Extension Editor (E).....	D	3 200
20. Candace A. Hurley, Assistant Extension Editor (E).....	D	1 700
21. T. N. Mangner, Assistant, Radio Extension (E).....	D	1 500
22. Mrs. Lester M. Friend, Stenographer.....	D	1 080
<i>Sub-total, Extension Editors.....</i>		(11 020)

Farm Advisers and Supervisors

23. J. C. Spittler, Assistant Director of the Extension Service in Agriculture and Home Economics (E), Associate Professor of Agricultural Extension (C), and State Leader of Farm Advisers (E).....	DG90	4 500
(See Administration	DG10	500)
(Total salary.....		5 000)
24. J. D. Bilsborrow, Assistant State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 400
25. F. E. Longmire, Assistant State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 000
26. ———, Assistant State Leader of Farm Advisers (E).....	D	2 500
27. J. B. Andrews, Administrative Assistant with rank of Assistant Professor (E).....	D	4 000
28. O. L. Whalin, Associate, Agricultural Extension (E)....	D	3 200
29. ———, Assistant, Agricultural Extension (E)...	D	2 400
30. F. A. Painter, Farm Adviser at Large (E).....	D	2 000
31. H. H. Gordon, Farm Adviser at Large (E).....	D	2 400
32. ———, Farm Adviser at Large (E).....	D	2 400
33. ———, Farm Adviser at Large (E).....	D	2 400
34. ———, District Supervisor (E).....	D	2 400
35. ———, District Supervisor (E).....	D	2 400
36. ———, District Supervisor (E).....	D	2 400
37. ———, District Supervisor (E).....	D	2 400
38. ———, District Supervisor (E).....	D	2 400
39. ———, District Supervisor (E).....	D	2 400
40. ———, District Supervisor (E).....	D	2 400
41. County Farm Advisers:		
97 @ \$720 per year, S-L & B-J Funds combined ¹		69 840
(From State Department of Agriculture ²		107 500)
(97 @ \$1828.25 per year, Federal & State ³	D	177 340)
42. Mrs. Margaret O. Fisher, Stenographer.....	D	1 260
43. Dorothy E. Hanke, Stenographer.....	D	1 080
44. County Clerical Help: Clerical Help for 97 Farm Advisers.....	H	45 000
<i>Sub-total, Farm Advisers.....</i>		(168 180)

Junior Club Work (Boys' 4-H Club Work)

45. E. I. Pilchard, Extension Specialist, Junior Club Work (E) D	3 300
46. G. S. Randall, Extension Specialist, Junior Club Work (E) D	2 800
47. F. H. Mynard, Extension Specialist, Junior Club Work (E) D	2 400
48. R. G. Benbow, Extension Specialist, Junior Club Work (E) D	2 300
49. O. F. Gaebe, District 4-H Club Adviser (E).....	2 100

¹To be increased in June, 1938, if any balances are available due to unused salaries accruing from vacancies in the Extension Service. (This does not mean any increase in the salaries of the farm advisers, but an increase in the amount of the advisers' salary paid from Smith-Lever Funds including Bankhead-Jones).

²The State Appropriation for the fiscal year July 1, 1937, to June 30, 1938, will be paid by the State Department of Agriculture on the salary of the county farm advisers following monthly certification for salary signed by the Director of Extension.

³The county farm advisers also receive additional salary from the local Farm Bureaus.

		Salary
50. H. L. Jepson, District 4-H Club Adviser (E).....	D	2 000
51. Mrs. Helen E. Johnson, Stenographer.....	D	1 200
<i>Sub-total, Junior Club Work (Boys).....</i>		(16 100)
<i>Extension Foresters</i>		
52. J. E. Davis, Extension Forester (E).....	DG18	607
(Paid from Federal Clarke-McNary funds, U.S.D.A....)	DG48	1 620) ¹
(Paid by State Natural History Survey.....)	DG34	1 173)
(Total salary.....)		3 400)
53. ———, Assistant, Forestry Extension (E).....	D	2 400
54. ———, Assistant Professor (E) and Assistant		
Chief (S), Forestry.....	DG46	1 600
(See Bankhead-Jones Research Fund.....)	DG54	1 900)
(Total salary.....)		3 500)
55. Mrs. Constance H. Edmundson, Stenographer.....	D	1 080
<i>Sub-total, Extension Foresters.....</i>		(5 687)
<i>Agricultural Economics</i>		
56. L. J. Norton, Professor, Agricultural Economics (C & E)		
and Chief, Agricultural Marketing (S).....	AG28	1 400
(See Agricultural Economics.....)	AG72	3 600)
(Total salary.....)		5 000)
57. M. L. Mosher, Professor, Farm Management Extension		
(E).....	AG50	2 250
58. P. E. Johnston, Associate Professor, Agricultural Eco-		
nomics Extension (E) and Associate Chief, Agri-		
cultural Economics (S).....	AG83	3 250
(See Agricultural Economics.....)	AG17	650)
(Total salary.....)		3 900)
59. J. B. Cunningham, Assistant Professor, Farm Manage-		
ment Extension (E).....	D	3 500
60. G. L. Jordan, Assistant Professor (C & E) and Assistant		
Chief (S), Agricultural Economics.....	DG17	600
(See Purnell Fund.....)	DG08	300)
(See Agricultural Economics.....)	DG25	900)
(See Administration.....)	DG50	1 800)
(Total salary.....)		3 600)
61. D. E. Lindstrom, Assistant Professor (C & E) and As-		
sistant Chief (S), Rural Sociology.....	DG50	1 600
(See Purnell Fund.....)	DG25	800)
(See Agricultural Economics.....)	DG25	800)
(Total salary.....)		3 200)
62. L. H. Simerl, Extension Specialist, Agricultural Market-		
ing (E).....	D	2 000
63. B. W. Bain, Assistant, Agricultural Economics Exten-		
sion (E).....	D	1 700
64. E. H. Regnier, Assistant, Rural Organization (E).....	D	2 100
65. N. O. Thompson, Assistant, Agricultural Economics Ex-		
tension (E).....	DG50	720
66. Kathryn Arndt, Stenographer.....	D	1 020
67. Mrs. Ruth B. Godsey, Stenographer.....	D	1 080
68. Wages.....	H	1 500
<i>Sub-total, Agricultural Economics.....</i>		(22 720)
<i>Agricultural Engineering</i>		
69. R. C. Hay, Extension Specialist, Agricultural Engineer-		
ing (E).....	D	2 300
70. R. R. Parks, Extension Specialist, Agricultural Engineer-		
ing (E).....	D	2 900

¹The Federal Clarke-McNary Fund for the fiscal year July 1, 1937, to June 30, 1938, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

			Salary
71. Inez L. Jameson, Stenographer.....	D		1 020
<i>Sub-total, Agricultural Engineering.....</i>			(6 220)
<i>Agronomy</i>			
72. J. C. Hackleman, Professor, Crops Extension (E).....	A		4 520
73. C. M. Linsley, Assistant Professor, Soils Extension (E)...	B		3 800
74. E. D. Walker, Extension Specialist, Agronomy (E).....	D		3 000
75. Grace M. Fitch, Stenographer.....	D		1 020
<i>Sub-total, Agronomy.....</i>			(12 340)
<i>Animal Husbandry</i>			
76. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E)	A		4 025
77. H. G. Russell, Extension Specialist, Animal Husbandry (E) ..	D		2 700
78. ———, Stenographer.....	D		1 080
<i>Animal Husbandry: Animal Pathology</i>			
79. Robert Graham, Professor (C & E) and Chief (S), Animal Pathology and Hygiene.....	AG26		1 325
(See Animal Husbandry.....)	AG74		3 815)
(Total salary.....)			5 140)
79a. C. A. Brandly, Associate Chief, Animal Pathology and Hygiene (S & E).....	AG14		600
(Paid by State Department of Agriculture.....)	AG86		3 600)
(Total salary.....)			4 200)
79b. Jesse Sampson, Assistant, Animal Pathology and Hy- giene (S & E).....	DG11		300
(Paid by State Department of Agriculture.....)	DG89		2 430)
(Total salary.....)			2 730)
<i>Animal Husbandry: Poultry Husbandry</i>			
80. H. H. Alp, Assistant Professor, Poultry Extension (E)..	B		3 500
<i>Sub-total, Animal Husbandry.....</i>			(13 530)
<i>Dairy Husbandry</i>			
81. C. S. Rhode, Professor, Dairy Husbandry Extension (E) A			4 160
82. J. G. Cash, Assistant, Dairy Husbandry Extension (E)..	D		2 100
83. B. F. Whitmore, Extension Specialist, Dairy Husbandry (E).....	D		2 500
84. Martha G. Glass, Stenographer.....	D		1 140
<i>Sub-total, Dairy Husbandry.....</i>			(9 900)
<i>Horticulture</i>			
85. V. W. Kelley, Associate Professor, Horticulture Ex- tension (E)	A		3 300
86. L. A. Somers, Associate, Vegetable Gardening Exten- sion (E).....	D		2 400
87. ———, Extension Specialist, Landscape Garden- ing (E).....	D		1 600
88. J. B. Corns, Extension Specialist, Olericulture (E).....	D		2 400
89. Patricia J. Wood, Stenographer (E) (On leave without pay from Sept. 1 to Oct. 31, 1937).....	D		960
<i>Sub-total, Horticulture.....</i>			(10 660)
<i>Home Economics: Home Advisers and Supervisors</i>			
90. J. Lita Bane, Professor, Head of Department (C); Vice- Director of Extension Work in Home Economics Extension (E)	AG15		825
(See Home Economics.....)	AG85		4 425)
(Total salary.....)			5 250)
91. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension (E), Assistant Professor (C).....	DG91		3 400
(See Home Economics.....)	DG99		350)
(Total salary.....)			3 750)

92. Mary L. Chase, Assistant State Leader and Associate, Home Economics Extension (E).....	D	Salary 3 300
93. Anna Searl, Assistant State Leader, Home Economics Extension (E)	D	2 700
94. Lulu S. Black, Home Adviser at Large (E) (On leave with half pay for 1937-38).....	D	2 440
95. Mrs. Helen T. Butner, Home Adviser at Large (E)....	D	2 200
96. Mrs. Elsie R. Butler, Home Adviser at Large (E)....	D	2 100
97. Mrs. Neva B. Klockner, Stenographer and Clerk.....	D	1 600
98. Mrs. Edith Cole, Stenographer and Clerk.....	D	1 080
99. _____, Stenographer	D	1 080
100. Mrs. Ruth H. Clements, Stenographer and Clerk.....	D	960
101. Mrs. Stephanie P. Chase, Stenographer.....	D	960
102. _____, Stenographer.....	D	900
103. County Home Advisers:		
26 @ \$1196.55 per year, S-L & B-J Funds combined		31 110
(32 @ \$1196.55 per year, Capper-Ketcham Fund.....		38 290)
(From State Dept. of Agriculture ¹		35 000)
(58 @ \$1800 per year, Federal and State ²	D	104 400)
104. Wages.....	H	500
<i>Sub-total, Home Advisers.....</i>		(55 155)
<i>Home Economics: Child Development and Parent Education</i>		
105. Edna E. Walls, Assistant Professor, Child Development and Parent Education (C & E).....	DG82	2 603
(See Home Economics.....	DG18	557)
(Total salary.....		3 160)
<i>Home Economics: Clothing</i>		
106. Edna R. Gray, Associate, Clothing Extension (E).....	D	2 810
107. Fern Carl, Extension Specialist, Clothing (E).....	D	2 400
<i>Sub-total, Clothing.....</i>		(5 210)
<i>Home Economics: Foods and Nutrition</i>		
108. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E).....	D	2 900
109. Glenna A. Henderson, Extension Specialist, Foods (E)...	D	2 200
<i>Sub-total, Foods and Nutrition.....</i>		(5 100)
<i>Home Economics: Health Education</i>		
110. Fannie M. Brooks, Assistant Professor, Health Educa- tion (C & E).....	DG93	2 968
(See Home Economics.....	DG07	232)
(Total salary.....		3 200)
111. Freda A. Peterson, Extension Specialist, Nutrition and Health (E)	D	2 300
<i>Sub-total, Health Education.....</i>		(5 268)
<i>Home Economics: Home Furnishings</i>		
112. Dorothy J. Iwig, Associate, Home Furnishings Exten- sion (E).....	D	2 200
<i>Home Economics: Home Management</i>		
113. Gladys J. Ward, Associate, Home Management Exten- sion (E).....	D	2 800
114. Mrs. Ruth C. Freeman, Associate, Home Accounts (E & S)	DG64	1 545
(See Purnell Fund.....	DG36	855)
(Total salary.....		2 400)
115. _____, Assistant, Home Accounts (E).....	DG50	720
<i>Sub-total, Home Management.....</i>		(5 065)

¹The State appropriation for the fiscal year July 1, 1937, to June 30, 1938, will be paid by the State Department of Agriculture on the salary of the county home advisers following monthly certification for salary signed by the Director of Extension.

²The county home advisers also receive additional salary from local Home Bureaus.

<i>Home Economics: Junior Club Work (Girls' 4-H Club Work)</i>		Salary
116. Mary A. McKee, Extension Specialist, Junior Club Work, (E).....	D	2 800
117. Cleo Fitzsimmons, Extension Specialist, Junior Club Work (E).....	D	2 600
118. Florence A. Kimmelshue, Extension Specialist, Junior Club Work (E).....	D	2 100
119. Mildred M. Read, Assistant, Junior Club Work (E).....	D	1 600
120. Erma Cottingham, District 4-H Club Adviser (E).....	D	2 360
121. Martha L. Hensley, District 4-H Club Adviser (E).....	D	2 360
Sub-total, Junior Club Work (Girls).....		(13 820)
Sub-total, Home Economics.....		(94 421)
Total, Salaries.....		395 673
122. Wages.....	H	4 000
Total, Salaries and Wages.....		\$399 673

Capper-Ketcham Fund (Federal Extension)

1. County Home Advisers:		
32 @ \$1196.55 per year, Capper-Ketcham Fund.....		\$ 38 290
(26 @ \$1196.55 per year, S-L & B-J Funds combined (From State Dept. of Agriculture ¹		31 110)
(58 @ \$1800 per year, Federal and State ²	D	104 400)
Sub-total, Home Advisers.....		(38 290)
Total Salaries and Wages.....		\$ 38 290

LIBRARY SCHOOL

1. P. L. Windsor, Director of the University Library and the Library School.....	B	.....
Professor of Library Science.....	A	.....
(Salary under Library)		
2. Amelia Krieg, Assistant Director of the Library School..	D	.....
Assistant Professor of Library Science.....	B	\$ 3 650
3. Frances Simpson, Associate Professor of Library Economy and Assistant Director, <i>Emeritus</i>		1 870
4. Ethel Bond, Associate Professor of Library Science.....	A	3 200
5. Anne M. Boyd, Associate Professor of Library Science..	A	3 200
6. Marie M. Hostetter, Assistant Professor of Library Science.....	D	2 800
7. Rose B. Phelps, Associate in Library Science.....	D	2 600
8. E. W. McDiarmid, Jr., Associate in Library Science.....	D	2 800
9. Mildred E. Singleton, Associate in Library Science.....	D	2 200
10. _____, Instructor in Library Science.....	E	2 400
11. Willia K. Garver, Lecturer and Order Librarian in the Library.....	D	.....
(Salary under Library)		
12. A. H. Trotier, Lecturer and Catalog Librarian in the Library.....	D	.....
(Salary under Library)		
13. Alice S. Johnson, Lecturer and Reference Librarian in the Library.....	D	.....
(Salary under Library)		
14. Fanny Dunlap, Lecturer and Reference Librarian in the Library.....	D	.....
(Salary under Library)		
15. Emma R. Jutton, Lecturer and Loan Librarian in the Library.....	D	.....
(Salary under Library)		
16. Josie B. Houchens, Lecturer and Binding Librarian in the Library.....	D	.....
(Salary under Library)		

¹See footnote 1 on page 430.²See footnote 2 on page 430.

17. Mrs. Bernita J. Long, Lecturer and Assistant in the Law Library..... D	<i>Salary</i>	.....
(Salary under Library)		
18. Ruth R. Graham, Assistant in Library Science..... EG75	I	050
19. Mary R. Kinney, Assistant in Library Science..... E	I	400
20. Margaret Wardell, Assistant in Library Science..... EG50		700
21. Elma I. Courter, Assistant in Library Science..... EG50		700
22. Henrietta Howell, Assistant in Library Science..... EG75	I	050
23. Helen D. Small, Stenographer (C. S.).....	I	260
<i>Sub-total, Salaries</i>		(30 880)
24. Wages..... H		600
<i>Total, Library School</i>		\$ 31 480

COLLEGE OF LAW

1. A. J. Harno, Dean..... B}	G60	\$	5 400
Professor..... A}			
(See Provost's Office..... ?	DG40		3 600)
(Total salary			9 000)
2. Sveinbjorn Johnson, Professor (On leave with full pay for second semester of 1937-38)..... A			.....
University Counsel..... D			.....
(Salary under University Counsel)			
3. Frederick Green, Professor, <i>Emeritus</i>			3 000
4. O. L. McCaskill, Professor..... A			7 300
5. W. E. Britton, Professor..... A			7 200
6. M. I. Schnebly, Professor..... A			7 200
7. W. L. Summers, Professor..... A			6 500
8. G. W. Goble, Professor..... A			6 500
9. G. B. Weisiger, Professor..... A			5 400
10. H. W. Holt, Professor..... A			5 200
11. A. J. Casner, Associate Professor..... A			5 200
12. V. E. Ferrall, Assistant Professor..... B			4 050
13. Marian H. Martin, Secretary to the Dean (Exempt)..... D			1 900
14. Dorothy Duncan, Typist (C. S.)..... G50			660
<i>Sub-total, Salaries</i>			(65 510)
15. Wages..... H			350
<i>Total, College of Law</i>			\$ 65 860

COLLEGE OF FINE AND APPLIED ARTS

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$12 915	\$4 100	\$17 015
Architecture.....	58 490	1 500	59 990
Art.....	42 018	1 195	43 213
Bureau of Community Planning.....	2 500	1 000	3 500
Landscape Architecture.....	19 280	990	20 270
School of Music.....	66 587	3 737	70 324
<i>Sub-total</i>	(201 790)	(12 522)	(214 312)
Revolving Account:			
University Chorus.....	50 ¹	150	200
<i>Total</i>	\$201 840	\$12 672	\$214 512

Expendable Endowment Income Fund

Art:			
Lorado Taft Lectureship.....	\$1 000 ²	\$50	\$1 050
<i>Total</i>	\$1 000	\$50	\$1 050

¹Wages.²Estimated.

Administration

		<i>Salary</i>
1. Rexford Newcomb, Dean.....	B	\$ 8 250
Professor of the History of Architecture.....	A	.....
2. C. E. Palmer, Assistant Dean.....	DG50	2 415
(See Department of Architecture.....)	AG50	2 585)
(Total salary		5 000)
3. Alice T. Wall, Assistant to the Dean (Exempt).....	D	2 000
<i>Sub-total, Salaries</i>		(12 665)
4. Wages	H	250
<i>Total, Administration.....</i>		\$ 12 915

Bureau of Community Planning

1. _____, Adviser	D	\$ 2 500
<i>Total, Bureau of Community Planning.....</i>		\$ 2 500

Architecture

1. L. H. Provine, Professor of Architectural Engineering and Head of Department of Architecture.....	A	\$ 6 350
2. Rexford Newcomb, Professor of the History of Archi- tecture.....	A	.....
Dean of the College.....	B	.....
(Salary under Administration)		
3. A. F. Deam, Professor.....	A	6 500
4. C. E. Palmer, Professor of Architectural Engineering...	AG50	2 585
(See Administration	DG50	2 415)
(Total salary		5 000)
5. N. D. Morgan, Professor of Architectural Engineering...	A	4 100
6. T. E. O'Donnell, Associate Professor.....	A	3 600
7. F. M. Lescher, Associate Professor.....	A	3 500
8. J. G. Van Derpool, Associate Professor of the History of Architecture.....	A	3 200
9. O. S. Fjelde, Assistant Professor.....	B	3 100
10. E. I. Love, Assistant Professor.....	B	3 000
11. W. H. Scheick, Assistant Professor.....	B	3 000
12. G. S. Keith, Associate.....	B	2 800
13. J. E. Sweet, Associate.....	B	2 300
14. J. E. Branch, Instructor.....	E	2 200
15. E. F. Toth, Instructor.....	E	2 000
16. M. R. Dobberman, Instructor.....	E	2 000
17. D. B. Lindsay, Instructor.....	E	1 800
18. J. W. Davis, Instructor.....	E	1 800
19. _____, Assistant.....	E	1 500
20. J. J. Fiscus, Assistant and Storekeeper (C. S.).....		1 630
21. Mrs. Mildred C. Barber, Clerk and Stenographer (C. S.) <i>Sub-total, Salaries</i>		(58 415)
22. Wages	H	75
<i>Total, Architecture</i>		\$ 58 490

Art

1. E. J. Lake, Head of Department.....	D	.....
Professor of Design.....	A	\$ 4 200
2. C. E. Bradbury, Associate Professor.....	A	3 850
3. L. F. Bailey, Associate Professor.....	A	3 600
4. C. V. Donovan, Associate Professor.....	A	3 250
5. E. E. Nearpass, Assistant Professor.....	B	2 900
6. Alfred Nicholson, Assistant Professor (On leave with one-half pay for 1937-38).....	B	3 163
7. A. Marie Anderson, Associate.....	B	2 540

		<i>Salary</i>
8. J. W. Kennedy, Associate.....	B	2 600
9. Louise M. Woodroffe, Associate.....	B	2 400
10. J. D. Hogan, Associate.....	B	2 540
11. _____, Associate.....	D	2 200
12. R. C. Smith, Associate (Salary paid from Item 6 and not included in total.....)	D	1 580)
13. J. W. Raushenberger, Instructor.....	E	1 900
14. _____, Instructor.....	E	1 800
15. Marcelline E. Gougler, Assistant.....	E	1 500
<i>Sub-total, Salaries</i>		(38 443)
16. Wages.....	H	3 575
<i>Total, Art</i>		\$ 42 018

Landscape Architecture

1. O. G. Schaffer, Professor and Head of Department.....	A	\$ 4 600
2. K. B. Lohmann, Professor.....	A	4 250
3. S. H. White, Professor.....	A	4 100
4. Harland Bartholomew, Non-resident Professor of Civic Design.....	BG20	1 000
5. I. L. Peterson, Assistant Professor.....	DG70	1 900
6. Florence B. Robinson, Assistant Professor.....	B	2 800
7. Mildred H. Bowers, Clerk (C. S.).....	DG14	200
(See Library.....)	DG86	1 300)
(Total salary.....)		1 500)
<i>Sub-total, Salaries</i>		(18 850)
8. Wages.....	H	430
<i>Total, Landscape Architecture</i>		\$ 19 280

School of Music

1. F. B. Stiven, Director.....	B	.....
Professor.....	A	\$ 6 350
2. A. A. Harding, Professor.....	AG33	2 100
(See Military Bands.....)	AG67	4 250)
(Total salary.....)		6 350)
3. G. F. Schwartz, Professor.....	A	3 900
4. H. J. van den Berg, Professor, <i>Emeritus</i>		1 834
5. R. H. Miles, Associate Professor.....	A	3 300
6. Sherman Schoonmaker, Associate Professor.....	A	3 100
7. W. L. Roosa, Assistant Professor.....	B	2 900
8. Arthur Beresford, Assistant Professor, <i>Emeritus</i>		1 095
9. Jane C. Watt, Assistant Professor.....	B	2 900
10. Hubert Kessler, Assistant Professor (On leave with one- half pay for 1937-38).....	B	2 625
11. W. G. Hill, Assistant Professor.....	B	2 650
12. L. R. Hamp, Assistant Professor.....	B	3 100
13. Dorothy E. Bowen, Associate.....	B	2 500
14. Edith M. Usry, Associate.....	B	2 400
15. M. H. Hindsley, Associate.....	DG50	1 400
(See Military Bands.....)	DG50	1 770)
(Total salary.....)		3 170)
16. R. M. Holmes, Associate.....	DG25	610
(See College of Education.....)	DG75	1 830)
(Total salary.....)		2 440)
17. B. R. Foote, Associate.....	D	2 500
18. Stanley Fletcher, Associate.....	D	2 500
19. Velma I. Kitchell, Instructor.....	EG50	1 050
(See College of Education.....)	EG50	1 050)
(Total salary.....)		2 100)
20. Kathryn J. Sutherlin, Instructor.....	E	2 100
21. L. F. Demming, Instructor.....	E	2 100
22. Stella R. Percival, Instructor.....	EG80	1 600

		<i>Salary</i>
23. A. E. Cohen, Instructor.....	EG65	1 235
(See Radio Station.....)	EG35	665)
(Total salary.....)		1 900)
24. Mrs. Margaret C. Sullivan, Instructor.....	E	1 900
25. J. G. Metcalf, Instructor.....	E	1 800
26. Nellie M. Stuart, Assistant.....	E	1 500
27. Duane Branigan, Instructor.....	EG25	488
(Charged to Item 10.....)	EG75	1 312)
(Total salary.....)		1 800)
28. W. B. Holl, Assistant.....	EG50	600
29. _____, Assistant (Band and Orchestra Division).....	EG50	600
30. Ten Student Assistantships in University Orchestra, at \$35 per semester.....		700
31. Lillian Marr, Stenographer and Clerk (C. S.).....		1 250
<i>Sub-total, Salaries</i>		(64 687)
32. Wages.....	H	1 900
<i>Total, School of Music</i>		\$ 66 587

GRADUATE SCHOOL Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$14 220	\$1 100	\$15 320
Scholarships and Fellowships.....	35 600	.....	35 600
Publications ¹ :			
University Studies.....		9 000	9 000
Journal of English and Germanic Philology.....		3 000	3 000
General Publications.....		1 000	1 000
Research:			
General (including Illinium Research).....	20 000 ²	15 000 ²	35 000
Illinois Historical Survey.....	2 500 ²	500 ²	3 000
<i>Total</i>	\$72 320	\$29 600	\$101 920

Administration

		<i>Salary</i>
1. R. D. Carmichael, Dean.....	B	\$ 8 750
Professor of Mathematics.....	A	.....
2. _____, Assistant to the Dean.....	G	750
3. Lida E. Voight, Secretary to the Dean (Exempt).....	D	2 400
4. Fannie M. Watkins, Stenographer (C. S.).....		1 200
5. _____, Stenographer (C. S.).....		1 020
<i>Sub-total, Salaries</i>		(14 120)
6. Wages.....	H	100
<i>Total, Administration</i>		\$ 14 220

SCHOOL OF PHYSICAL EDUCATION Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$8 380	\$1 000	\$9 380
Physical Education:			
Men.....	49 288	10 000	59 288 ³
Women.....	27 230	4 940	32 170 ³
Health Service.....	55 845	3 400	59 245
<i>Total</i>	\$140 743	\$19 340	\$160 083

Expendable Endowment Income Fund

Women's Students' Physical Welfare Fund from May Fêtes....	\$360	\$360
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¹Subject to transfer within the total. ²Estimated.

³Appropriation for skating rink rentals, bowling alley rental, and riding facilities contingent upon receipt of laboratory fees of equal amount.

Administration			Salary
1. S. C. Staley, Director.....	B		\$ 6 000
Professor of Physical Education for Men and Head of Department.....	A	)
(See Physical Education for Men.....)			6 000)
(Total salary			600
2. W. W. Brown, Assistant to Director.....	D		2 000)
(See Physical Education for Men.....)	D		2 600)
(Total salary			1 380
3. Martha Etzbach, Secretary (C. S.).....			(7 980)
Sub-total, Salaries			400
4. Wages.....	H		\$ 8 380
Total, Administration			

Physical Education for Men

1. S. C. Staley, Professor and Head of Department.....	A		.....
(Salary under Administration)			
2. R. C. Zuppke, Professor.....	A		\$ 1 630
(Paid by Athletic Association.....)			8 370)
(Total salary			10 000)
3. W. S. Wilson, Associate Professor.....	A		1 500
Director of Intercollegiate Athletics.....	B		.....
(Paid by Athletic Association.....)			4 500)
(Total salary			6 000)
4. G. T. Stafford, Associate Professor.....	A		4 250
5. C. O. Jackson, Assistant Professor (On leave with one-half pay for second semester of 1937-38).....	DG50		1 500
(See College of Education.....)	DG50		1 500)
(Total salary			3 000)
6. H. D. Price, Assistant Professor.....	D		1 700
(Paid by Athletic Association.....)			1 500)
(Total salary			3 200)
7. H. E. Kenney, Assistant Professor.....	D		1 688
(Paid by Athletic Association.....)			1 562)
(Total salary			3 250)
8. W. H. Roettger, Associate.....	D		1 700
(Paid by Athletic Association.....)			2 800)
(Total salary			4 500)
9. D. R. Mills, Associate.....	D		1 700
(Paid by Athletic Association.....)			3 800)
(Total salary			5 500)
10. E. J. Manley, Associate.....	D		2 150
(Paid by Athletic Association.....)			550)
(Total salary			2 700)
11. W. W. Brown, Associate.....	D		2 000
(See Administration	D		600)
(Total salary			2 600)
12. L. T. Johnson, Associate.....	D		1 250
(Paid by Athletic Association.....)			2 250)
(Total salary			3 500)
13. H. L. Gill, Associate (<i>Retired</i> , but recalled for part-time services in 1937-38).....	D		.....
(Paid by Athletic Association.....)			2 000)
14. A. S. Daniels, Associate.....	D		2 800
15. H. W. Craig, Associate.....	D		1 800
(Paid by Athletic Association.....)			400)
(Total salary			2 200)
16. H. C. Paterson, Instructor.....	E		1 600
(Paid by Athletic Association.....)			1 000)
(Total salary			2 600)
17. K. J. McCristal, Instructor.....	E		2 100

		Salary
18. G. C. Law, Instructor.....	E	1 700
(Paid by Athletic Association.....)		400)
(Total salary		2 100)
19. W. J. Treece, Instructor.....	E	2 100
20. A. M. Jennings, Instructor.....	E	1 300
(Paid by Athletic Association.....)		400)
(Total salary		1 700)
21. A. E. Florio, Instructor.....	E	1 800
22. R. Eliot, Instructor.....	E	1 200
(Paid by Athletic Association.....)		1 500)
(Total salary		2 700)
23. D. M. Bullock, Assistant.....	E	770
(Paid by Athletic Association.....)		1 880)
(Total salary		2 650)
24. C. D. Monsson, Assistant.....	E	800
(Paid by Athletic Association.....)		1 200)
(Total salary		2 000)
25. J. J. Watt, Assistant.....	E	800
(Paid by Athletic Association.....)		800)
(Total salary		1 600)
26. H. J. Braun, Assistant.....	E	1 300
(Paid by Athletic Association.....)		300)
(Total salary		1 600)
27. M. L. Trabert, Assistant.....	EG75	1 050
28. _____, Assistant.....	EG50	700
29. W. G. Wittmann, Assistant.....	EG50	700
30. W. O. Alstrom, Assistant.....	EG10	200
(See College of Education.....)	EG90	1 800)
(Total salary		2 000)
31. Clara Brown, Stenographer (C.S.).....		1 500
Sub-total, Salaries: Physical Education for Men....		(45 288)
Sub-total, Salaries: Athletic Association.....		(35 212)
32. Wages, Physical Education.....	H	4 000
Total, Physical Education for Men.....		\$ 49 288
Total, Athletic Association.....		(35 212)

Physical Education for Women

1. Louise Freer, Professor and Head of Department.....	A	\$ 4 250
2. Mary F. Lawson, Assistant Professor.....	D	3 000
3. Carita Robertson, Assistant Professor.....	D	3 000
4. Laura J. Huelster, Assistant Professor.....	D	2 500
5. Mrs. Ione Johnson Cope, Instructor.....	E	2 280
6. Josephine E. Renshaw, Instructor.....	E	2 000
7. Enid Schnauber, Instructor.....	E	1 900
8. Martha Bugbee, Instructor.....	E	1 700
9. Mrs. Delta H. Cuthbert, Assistant.....	EG50	700
10. Jane Lawyer, Assistant.....	E	1 500
11. _____, Assistant.....	EG50	700
12. Florence L. Fair, Stenographer (C.S.).....		1 200
Sub-total, Salaries.....		(24 730)
13. Wages.....	H	2 500
Total, Physical Education for Women.....		\$ 27 230

Health Service

1. J. H. Beard, Professor of Hygiene, Head of Department	A	\$ 6 000
University Health Officer.....	D	.....
2. G. R. Blackstone, Assistant Health Officer, Associate in		
Hygiene, Medical Adviser for Men.....	D	3 500

		<i>Salary</i>
3. Maude L. Etheredge, Professor of Hygiene.....	A	.....
Medical Adviser for Women.....	D	4 000
4. J. R. Cain, Associate Professor of Hygiene, Medical Adviser for Men.....	D	3 382
5. H. C. Gebhart, Associate in Hygiene, Medical Adviser for Men.....	D	3 163
6. L. N. Judah, Associate in Hygiene, Medical Adviser for Men.....	D	3 300
7. L. D. Lewis, Associate in Hygiene, Medical Adviser for Men.....	D	3 200
8. May I. Millbrook, Associate in Hygiene, Medical Adviser for Women.....	D	2 700
9. E. A. Thacker, Instructor in Hygiene, Medical Adviser for Men.....	D	3 700
10. Helen M. Lynch, Instructor in Hygiene, Medical Adviser for Women.....	D	2 700
11. Lucy G. Coon, Instructor in Hygiene, Medical Adviser for Women.....	D	2 500
12. ———, Instructor in Hygiene, Medical Adviser for Men.....	D	3 000
13. ———, Instructor in Hygiene, Medical Adviser for Men.....	D	3 000
14. ———, Instructor in Hygiene, Medical Adviser for Women.....	D	2 500
<i>Sub-total, Salaries</i>		(46 645)
15. <i>Wages</i>	H	9 200
<i>Total, Health Service</i>		\$ 55 845

MILITARY DEPARTMENT

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Military.....	\$8 930	\$2 988	\$11 918
Revolving Funds:			
Military Clothing and Equipment.....		1 500	1 500
Military Equitation.....	200 ¹		200
Military Overcoats and Gloves.....		1 200	1 200
<i>Total, Revolving Funds</i>	(200) ¹	(2 700)	(2 900)
<i>Total</i>	\$9 130	\$5 688	\$14 818

Administration

		<i>Salary</i>
1. F. R. Brown, Professor, Military Science and Tactics....	D	\$ 900 ²
2. V. W. Batchelor, Supply Officer.....	D	600 ²
3. Adam Pinsenshaum, Property Clerk (C. S.).....		1 200 ^{2,3}
4. F. W. Kistenmacher, Inventory Clerk (C. S.).....		600 ²
5. E. A. Moore, Storekeeper (C. S.).....		360 ²
6. Mrs. Jennie L. McWilliams, Secretary (C. S.).....		1 500
7. Marie Doyle, Stenographer (C. S.).....		1 150
8. Mrs. Frances L. Brockway, Stenographer (C. S.).....		1 150
9. Helen Byland, Stenographer (C. S.).....		1 050
<i>Sub-total, Salaries</i>		(8 510)
10. <i>Wages</i>	H	420
<i>Total, Military</i>		\$ 8 930

¹Wages.²These men are members of the United States Army and receive in addition salary from the United States Government.³On the United States Army retired list.

MILITARY BANDS**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Military Bands.....	\$12 620	\$1 750	\$14 370
Revolving Funds.....	.....	2 200	2 200
<i>Total</i>	<u>\$12 620</u>	<u>\$3 950</u>	<u>\$16 570</u>

Administration

		<i>Salary</i>
1. A. A. Harding, Director.....	AG67	\$ 4 250
(See School of Music.....)	AG33	2 100)
(Total salary		6 350)
2. M. H. Hindsley, Assistant Director.....	DG50	1 770
(See School of Music.....)	DG50	1 400)
(Total salary		3 170)
3. C. E. Sawhill, Assistant.....	EG10	200
4. Mrs. Velma I. Roberts, Secretary (C. S.).....		1 600
5. Student assistantships for bandsmen and services of other essential bandsmen during Commencement week...		4 000
<i>Sub-total, Salaries</i>		(11 820)
6. Wages.....	H	800
<i>Total, Military Bands</i>		<u>\$ 12 620</u>

SUMMER SESSION

1. E. H. Cameron, Director.....	BG10	\$ 750
(See College of Education.....)	AG90	6 400)
(Total salary		7 150)
2. Lillian Hart, Executive Clerk (Exempt).....	DG20	480
(See College of Education.....)	DG80	1 920)
(Total salary		2 400)
3. Frances Patton, Stenographer (C. S.).....	G40	500
(See College of Education.....)	G60	700)
(Total salary		1 200)
4. Academic Salaries and High School Salaries.....		106 270
<i>Sub-total, Salaries</i>		(108 000)
5. Wages.....	H	1 000
<i>Total, Summer Session</i>		<u>\$109 000</u>

COLLEGE OF MEDICINE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$17 420	\$2 848	\$20 268
Contingent.....		3 263	3 263
Equipment (all departments).....		6 000	6 000
Health Service.....	1 869	263	2 132
Anaesthesia.....	6 050	1 800	7 850
Animal Hospital.....	6 020		6 020
Anatomy.....	35 713	6 814	42 527
Dermatology.....	9 114	1 643	10 757
Dispensary.....	41 915	5 617	47 532
Hospital Laboratory.....	19 110	3 845	22 955
Laryngology, Rhinology, and Otology.....	6 350	1 950	8 300
Medicine.....	33 249	5 751	39 000
Neurology and Neurological Surgery.....	14 860	1 758	16 618
Obstetrics and Gynecology.....	19 326	4 750	24 076
Ophthalmology.....	5 850	1 145	6 995
Orthopaedics.....	24 570	4 778	29 348
Pathology, Bacteriology, and Public Health:			
Pathology Division.....	27 420	7 011	34 431
Bacteriology and Public Health Division.....	14 460	6 851	21 311
<i>Total</i>	(41 880)	(13 862)	(55 742)
Pediatrics.....	11 535	2 750	14 285
Pharmacology, Materia Medica, and Therapeutics.....	19 940	4 488	24 428
Physiological Chemistry.....	22 054	5 126	27 180
Physiology.....	31 130	5 808	36 938
Psychiatry.....	17 980	2 175	20 155
Roentgenology.....	16 368	5 990	22 358
Surgery.....	29 832	9 824	39 656
Medical and Dental Illustration.....	(10 700)	(988)	(11 688) ¹
<i>Total</i>	\$432 135	\$102 248	\$534 383

Expendable Gift and Endowment Income Funds²

Instruction Funds

Adolph Gehrmann lectureship.....	\$ 400		\$ 400 ³
Charles Sumner Bacon lectureship.....	300		300 ³
<i>Total, Instruction Funds</i>	(700)		(700)

Special Research Funds

Thyroid and liver fund.....		\$ 85	85
Air conditioning.....	1 500	300	1 800
Wm. Beaumont Award (endowment income)...	100		100
Sachs residency in tuberculosis.....	1 800		1 800
Skin hygiene.....	200	35	235
Vitamin D.....		110	110
Phenolphthalein.....	6 000	1 500	7 500
Eucupin.....		90	90
Experiment in teaching of psychiatry.....	15 000		15 000
Antiseptic properties of the skin.....	2 000	1 500	3 500
Yeast effect on the digestive tract.....	1 000	500	1 500
Nutrition research.....		50	50
Estimated new projects and renewals.....	3 000	2 000	5 000
<i>Total, Special Research Funds</i>	(30 600)	(6 170)	(36 770)
<i>Total</i>	\$31 300	\$6 170	\$37 470

¹Entire amount chargeable to other accounts in Medicine and Dentistry.²Estimated.³Endowment Income.

Administration			Salary
1. D. J. Davis, Dean.....	B		\$ 8 250
Professor of Pathology.....	A		.....
Head of Department of Pathology, Bacteriology, and Public Health	D		.....
2. G. R. Moon, Assistant to the Dean (C. S.).....	G50		2 200
(See Registrar's Office, Chicago.....)	G50		2 200)
(Total salary			4 400)
3. Marie L. Ramser, Secretary to the Dean (Exempt).....	D		1 800
4. William Henry Browne, <i>Retired</i>			2 500
5. Mrs. Ethel Engeljohn, Junior Registration Clerk (C. S.).....	G67		1 200
(See Registrar's Office, Chicago.....)	G33		600)
(Total salary			1 800)
6. _____, Supply Attendant (C. S.).....			1 440
<i>Sub-total, Salaries</i>			(17 390)
7. Wages.....	H		30
<i>Total, Administration</i>			\$ 17 420

Health Service—Chicago Departments

1. W. W. Dalitsch, Health Officer.....	DG33	\$	1 619
(See Medicine.....)	DG12		381)
(Total salary			2 000)
<i>Sub-total, Salaries</i>			(1 619)
2. Wages.....	H		250
<i>Total, Health Service—Chicago Departments</i>			\$ 1 869

Anaesthesia

1. Robbie N. Brunner, Associate.....	D	\$	3 300
2. Mary S. Sim, Assistant Anaesthetist.....	D		1 800
3. _____, Resident.....	D		600 ¹
4. Elizabeth M. Fulton, Resident.....	H		300 ¹
(From Department of Public Welfare.....)			300)
(Total salary			600)
<i>Sub-total, Salaries</i>			(6 000)
5. Wages.....	H		50
<i>Total, Anaesthesia</i>			\$ 6 050

Animal Hospital

1. J. H. Bone, Supervisor.....	D	\$	2 000
2. _____, Laborer (C. S.).....			1 260
3. G. O. Dodd, Laborer (C. S.).....			1 260
4. W. R. Williams, Technician.....	D		1 500
<i>Total, Animal Hospital</i>			\$ 6 020

Anatomy

1. O. F. Kampmeier, Professor and Head of Department... A	\$	6 500
2. A. A. Zimmermann, Associate Professor..... A		3 900
3. A. R. Cooper, Associate Professor..... AG75		3 200
4. Gerhardt von Bonin, Associate Professor..... A		3 600
5. Yngve Joranson, Assistant Professor..... DG33		1 300
6. R. L. Webb, Assistant Professor..... D		3 350
7. G. L. Zechel, Assistant Professor..... DG25		900
8. P. H. Simer, Assistant Professor..... D		3 500
9. R. H. Krehbiel, Instructor..... D		2 200
10. L. N. Boelio, Instructor..... DG50		760
11. M. E. Fisch, Instructor..... DG50		600
12. E. J. Stein, Instructor, 8 months from Oct. 1, 1937..... FG25		500

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		<i>Salary</i>
13. Adeline R. White, <i>Retired</i>		213
14. L. E. Foster, Student Assistant, 8 months from Oct. 1, 1937 (Exemption from tuition and laboratory fees) FG25	.....
15. H. R. Hone, Student Assistant, 8 months from Oct. 1, 1937 (Exemption from tuition and laboratory fees) FG25	.....
16. G. H. Miller, Technician.....	D	1 800
17. Mrs. Mae E. Fork, Technician.....	DG90	1 400
18. Harriet Deere, Graduate Stenographer (C. S.).....		1 500
<i>Sub-total, Salaries</i>		(35 223)
19. Wages	H	490
<i>Total, Anatomy</i>		\$ 35 713

Dermatology

1. F. E. Senear, Professor and Head of Department.....	AG50	\$ 4 500
2. Theodore Cornbleet, Assistant Professor.....	DG75	1 180
3. M. R. Caro, Associate.....	DG25	632
4. Herbert Rattner, Associate.....	DG25	632
5. E. R. Pace, Instructor.....	DG33	480
6. Harold Shellow, Instructor.....	DG16	240
7. Doris E. Jennings, Technician.....	D	1 450
<i>Total, Dermatology</i>		\$ 9 114

Dispensary

1. M. H. Worthington, Managing Officer of Research and Educational Hospital and Superintendent of Dispensary.....	DG50	\$ 2 500
(Paid by State Department of Public Welfare.....)	DG50	2 500)
(Total salary		5 000) ¹
2. _____, Assistant Superintendent of Dispensary..	D	3 600
3. Fae M. Dillman, Junior Clerk (C. S.).....		1 200
4. Irene M. Chott, Junior Clerk (C. S.).....		1 200
5. Margaret Venard, Junior Clerk (C. S.).....		1 170
6. Ruth Northcott, Junior Clerk (C. S.).....		1 170
7. Clara M. Lowe, Superintendent of Dispensary Nurses (C. S.) (On leave, without pay, from June 1 to Oct. 1, 1937)		2 000
8. Frances V. Craig, Assistant Superintendent of Dispensary Nurses (C. S.).....		1 900
9. Teresa J. Robertson, Registered Nurse (C. S.).....		1 740
10. Hattie C. Larson, Registered Nurse (C. S.).....		1 740
11. Alyce Riley, Registered Nurse (C. S.).....		1 740
12. _____, Registered Nurse (C. S.).....		1 740
13. Marie Sorensen, Registered Nurse (C. S.).....		1 805
14. Hazel M. Nelson, Registered Nurse (C. S.).....		1 740
15. Mrs. Thelma Smith, Registered Nurse (C. S.).....		1 740
16. Thelma C. Carroll, Registered Nurse (C. S.).....		1 740
17. Victoria V. Jaglowski, Registered Nurse (C. S.).....		1 740
18. Honora T. Carrigan, Registered Nurse (C. S.).....		1 740
19. Elizabeth Boyd, Registered Nurse (C. S.).....		1 740
20. Shirley Brenner, Junior Clerk (C. S.).....		1 200
21. B. B. Miller, Laborer (C. S.).....		1 450
22. Viola A. Munson, Senior Clerk (C. S.).....		1 200
23. Mrs. Lydia Conrad, Record Clerk (C. S.).....		1 720
24. Helen F. Stocking, Senior Clerk (C. S.).....		1 500
<i>Sub-total, Salaries</i>		(41 015)
25. Wages.....	H	900
<i>Total, Dispensary</i>		\$ 41 915

¹Also receives quarters and maintenance from Department of Public Welfare.

Hospital Laboratory

		Salary
1. S. A. Levinson, Director.....	DG75	\$ 3 500
(Also Associate Professor of Pathology and Assistant Professor of Medicine, without salary)		
2. R. P. MacFate, Assistant Director.....	DG90	3 000
(Also Associate in Pathology, without salary)		
3. Kathryn E. Buck, Assistant.....	D	1 630
4. Mrs. Isabel C. Dorrell, Assistant.....	D	1 920
4a. _____, Serologist.....	D	1 680
5. _____, Assistant.....	D	1 400
6. Hazel Blank, Assistant.....	D	1 680
7. Mary V. Donahue, Assistant.....	D	1 320
8. K. M. Stobart, Technician.....	D	1 260
9. Nora M. Angland, Senior Stenographer (C. S.).....	D	1 320
Sub-total, Salaries		(18 710)
10. Wages	H	400
Total, Hospital Laboratory.....		\$ 19 110

Laryngology, Rhinology, and Otology

1. F. L. Lederer, Professor and Head of Department.....	AG50	\$ 2 500
2. _____, Associate.....	DG50	1 200
3. Louis Feinberg, Resident.....	H	600 ¹
4. J. A. Weidemann, Technician.....	D	1 450
5. _____, Technician.....	DG50	600
Total, Laryngology, Rhinology, and Otology.....		\$ 6 350

Medicine

1. R. W. Keeton, Professor and Head of Department.....	AG50	\$ 4 500
2. E. S. Moore, Associate Professor, <i>Emeritus</i>		1 762
3. Edmund Foley, Associate Professor.....	AG50	1 500
4. A. L. Sawyer, Assistant Professor.....	DG13	300
5. Albert Vander Kloot, Assistant Professor.....	DG13	300
6. J. B. Cipriani, Assistant Professor.....	DG13	300
7. D. W. Propst, Assistant Professor.....	DG13	200
8. M. H. Streicher, Assistant Professor.....	DG50	1 500
9. Mrs. Carroll L. Birch, Assistant Professor.....	D	3 250
10. H. O. Deuss, Assistant Professor.....	DG13	300
11. W. W. Dalitsch, Assistant Professor.....	DG12	381
(See Health Service.....)	DG33	1 619)
(Total salary		2 000)
12. F. K. Hick, Assistant Professor.....	DG50	1 500
13. T. G. Walsh, Assistant Professor.....	DG50	1 500
14. H. C. Lueth, Associate.....	DG50	1 300
15. Israel Becker, Associate.....	DG50	800
16. William Boikan, Associate.....	DG13	300
17. Marion Hood, Associate and Parasitologist.....	D	2 000
18. M. L. Afremow, Associate.....	EG05	128
19. L. R. Limarzi, Associate.....	DG50	900
20. A. B. Kendrick, Associate.....	D	2 000
21. Frederick Steigmann, Associate.....	DG50	600
22. E. W. Passarelli, Instructor.....	DG50	800
23. M. M. Mosko, Assistant (Payable \$64 at the end of each semester).....	EG05	128
24. Gertrude E. Howe, Assistant and Operator of Electrocardiograph.....	DG50	600
25. P. L. Bedinger, Second Year Resident.....	H	800 ¹
26. J. T. Paul, First Year Resident.....	H	600 ¹
27. _____, First Year Resident.....	H	600 ¹

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		<i>Salary</i>
28. Camilla Jameson, Nurse and Clerk (C. S.).....		I 700
29. Mrs. Genevieve Meyer, Junior Stenographer (C. S.)....		I 320
30. _____, Senior Typist (C. S.).....		I 080
<i>Sub-total, Salaries</i>		(32 949)
31. Wages.....	H	300
<i>Total, Medicine</i>		\$ 33 249

Neurology and Neurological Surgery

1. Eric Oldberg, Professor and Head of Department.....	AG75	\$ 6 400
2. G. B. Hassin, Professor of Neurology.....	AG50	3 500
3. I. B. Diamond, Assistant Professor of Neurology.....	DG50	I 180
4. Beatrice Kahn, Technician.....	D	I 720
5. Mrs. Marie H. Cusic, Junior Stenographer (C. S.).....		I 260
6. A. K. Olsen, Second Year Resident.....	D	800 ¹
<i>Total, Neurology and Neurological Surgery</i>		\$ 14 860

Obstetrics and Gynecology

1. F. H. Falls, Professor and Head of Department.....	AG75	\$ 6 750
2. William Harcourt Browne, Assistant Professor.....	DG50	I 450
3. H. H. Hill, Associate.....	DG75	I 500
4. _____, Associate.....	DG50	I 000
5. Jane R. McLaughlin, Instructor.....	DG25	600
6. G. H. Rezek, Instructor.....	DG33	500
7. J. F. Hillabrand, Second Year Resident.....	H	800 ¹
8. H. L. Penning, Assistant and Out-Patient Resident.....	H	600 ¹
9. L. J. Rossiter, Technician.....	DG50	950
(See Surgery.....)	DG50	950)
(Total salary.....)		I 900)
10. M. Edna Burgess, Supervising Nurse (C. S.).....		I 740
11. Eva A. Begg, Supervising Nurse (C. S.).....		I 740
12. Esther Fiessel, Senior Stenographer (C. S.).....		I 440
<i>Sub-total, Salaries</i>		(19 070)
13. Wages.....	H	256
<i>Total, Obstetrics and Gynecology</i>		\$ 19 326

Ophthalmology

1. Hallard Beard, Associate Professor.....	AG50	\$ I 800
2. H. J. Smith, Assistant Professor.....	DG25	600
3. Carl Apple, Associate.....	DG25	360
4. J. W. Clark, Associate.....	DG25	360
5. E. J. Horick, Associate.....	DG25	360
6. R. O. Riser, Instructor.....	DG25	360
7. Roosevelt Brooks, Instructor.....	DG25	360
8. M. C. Benford, Instructor.....	DG25	360
9. H. D. Huff, Hospital Resident.....	H	600 ¹
10. _____, Technician.....	DG50	600
<i>Sub-total, Salaries</i>		(5 760)
11. Wages.....	H	90
<i>Total, Ophthalmology</i>		\$ 5 850

Orthopaedics

1. H. B. Thomas, Professor, Head of Department, and Director of Illinois Surgical Institute for Children...	AG50	\$ 4 500
2. F. W. Hark, Assistant Professor.....	DG50	2 260

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		Salary
3. C. N. Lambert, Associate.....	DG50	1 680
4. E. S. Leimbacher, Assistant and Senior Resident.....	H	1 000 ¹
5. J. O. McCabe, Assistant and Second Year Resident.....	H	800 ¹
6. Louis Pelzmann, Physiotherapist in Charge.....	DG50	1 500
7. Marion G. Taft, Physiotherapist.....	D	1 800
8. Mary E. Theimer, Physiotherapist.....	D	1 720
9. Mrs. Ruth H. Sumrill, Junior Physiotherapist.....	D	1 260
10. Evelyn Smith, Physiotherapist Attendant (C. S.).....	D	960
11. _____, Technician.....	D	1 020
12. Mrs. Reba Hixson, Technician.....	D	1 260
13. Helen M. Noyes, Assistant.....	D	1 680
14. Alice Bartlett, Laboratory Helper (C. S.).....	D	1 020
15. Ida H. Stephan, Senior Stenographer (C. S.).....	D	1 440
Sub-total, Salaries.....		(23 900)
16. Wages.....	H	670
Total, Orthopaedics.....		\$ 24 570

Pathology, Bacteriology, and Public Health

- | | | |
|---|---|-------|
| 1. D. J. Davis, Professor of Pathology..... | A | ..... |
| Head of Department..... | D | ..... |
| (Salary under Administration) | | |

Division of Pathology

2. W. F. Petersen, Professor.....	A	\$ 6 750
3. Isadore Pilot, Associate Professor.....	AG50	1 720
4. A. J. Nedzel, Associate Professor.....	AG50	1 500
(See Bacteriology, Public Health.....)	AG50	1 500)
(Total salary.....)		3 000)
5. George Milles, Assistant Professor.....	DG50	1 500
6. J. S. Howe, Associate.....	D	2 000
7. _____, Associate.....	D	1 800
8. Mrs. Margaret Milliken, Assistant (On leave without pay Dec. 1, 1937, to July 1, 1938).....	D	1 800
9. S. G. Moore, Technician.....	DG50	830
(See Bacteriology, Public Health.....)	DG50	830)
(Total salary.....)		1 660)
10. Nils Siegbahn, Technician.....	D	1 380
11. J. R. Thompson, Technician.....	D	1 440
12. Harold Wagner, Technician.....	D	1 200
13. Ben Goldfeller, Technician.....	D	1 200
14. _____, Resident.....	H	600 ¹
15. Mildred Rosenberg, Junior Stenographer (C. S.).....		1 500
Sub-total, Salaries.....		(25 220)
16. Wages.....	H	2 200
Sub-total, Pathology.....		(27 420)

Division of Bacteriology and Public Health

17. Lloyd Arnold, Professor.....	AG80	5 140
(Paid by State Department of Public Health.....)	DG20	1 600)
(Total salary.....)		6 740)
18. A. J. Nedzel, Associate Professor.....	AG50	1 500
(See Pathology.....)	AG50	1 500)
(Total salary.....)		3 000)
19. H. C. Mason, Instructor.....	D	1 800

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		<i>Salary</i>
20. S. G. Moore, Technician.....	DG50	830
(See Pathology	DG50	830)
(Total salary		1 660)
21. Mrs. Hilda Paulsen, Technician.....	D	1 450
22. Frank McClain, Laboratory Helper (C. S.).....		1 200
23. Mrs. Gertrude Strand, Laborer (C. S.).....		820
24. Marguerite S. Dietrich, Technician.....	DG50	720
<i>Sub-total, Salaries</i>		(13 460)
25. Wages.....	H	1 000
<i>Sub-total, Bacteriology and Public Health</i>		(14 460)
<i>Total, Pathology, Bacteriology, and Public Health</i>		\$ 41 880

Pediatrics

1. J. H. Hess, Professor and Head of Department (Without salary).....	A	.....
2. H. G. Poncher, Associate Professor.....	A	\$ 4 500
3. I. P. Bronstein, Assistant Professor.....	D	3 200
4. Mrs. Helen Wade, Assistant.....	D	1 585
5. J. R. Karel, Resident.....	H	600 ¹
6. Mrs. Edna Loos, Stenographer and Social Service Worker (C. S.).....		1 500
<i>Sub-total, Salaries</i>		(11 385)
7. Wages	H	150
<i>Total, Pediatrics</i>		\$ 11 535

Pharmacology, Materia Medica, and Therapeutics

1. H. A. McGuigan, Professor and Head of Department....	A	\$ 6 400
2. W. J. R. Camp, Professor.....	A	4 800
3. P. L. Ewing, Assistant Professor.....	D	2 600
4. Josephine M. Dyniewicz, Instructor.....	DG50	750
5. J. A. Higgins, Instructor.....	DG67	1 200
6. J. G. Tanner, Assistant.....	D	1 200
7. G. S. Greshiw, Technician.....	D	1 400
8. Polly F. Cline, Graduate Stenographer (C. S.).....		1 440
<i>Sub-total, Salaries</i>		(19 790)
9. Wages	H	150
<i>Total, Pharmacology, Materia Medica, and Therapeutics</i>		\$ 19 940

Physiological Chemistry

1. W. H. Welker, Professor and Head of Department....	A	\$ 6 000
2. Olaf Bergeim, Associate Professor.....	A	3 800
3. A. G. Cole, Assistant Professor.....	D	3 000
4. C. A. Johnson, Associate.....	DG50	1 180
5. C. C. Harvey, Assistant.....	D	1 180
6. Frances A. Briggs, Assistant.....	D	1 180
7. O. R. Burns, Technician.....	D	1 440
8. D. C. Shrout, Technician.....	D	1 320
9. Sara R. Bock, Senior Stenographer (C. S.).....		1 450
<i>Sub-total, Salaries</i>		(20 550)
10. Wages	H	1 504
<i>Total, Physiological Chemistry</i>		\$ 22 054

Physiology

1. G. E. Wakerlin, Professor and Head of Department....	A	\$ 5 400
2. _____, Professor		4 750
3. Albert Bachem, Professor of Biophysics.....	D	4 300

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		Salary
4. C. I. Reed, Associate Professor.....	A	4 000
5. P. W. Smith, Associate.....	D	2 700
6. R. C. Ingraham, Instructor.....	D	2 200
7. H. C. Struck, Instructor.....	D	900
(Charged to Item 2.....		1 100)
(Total salary.....		2 000)
8. _____, Assistant.....	EG ₅₀	500
9. _____, Assistant.....	EG ₅₀	500
10. Walter Erhard, Technician.....	D	1 500
11. R. E. Vessey, Technician.....	D	1 360
12. _____, Technician.....	D	1 200
13. Verne B. Barthel, Senior Stenographer (C. S.).....		1 320
Sub-total, Salaries.....		(30 630)
14. Wages.....	H	500
Total, Physiology.....		\$ 31 130

Psychiatry

1. H. D. Singer, Professor, Head of Department, and Director of Psychiatric Institute.....	AG ₅₀	\$ 4 500
2. A. A. Low, Assistant Professor.....	DG ₅₀	1 300
3. D. M. Olkon, Assistant Professor.....	DG ₅₀	1 180
4. Mrs. Irene C. Sherman, Associate.....	DG ₅₀	1 250
5. Mrs. Beulah C. Bosselman, Associate.....	DG ₅₀	1 180
(From Rockefeller Foundation Grant.....	DG ₅₀	1 800)
(Total salary.....		2 980)
6. I. R. Sonenthal, Assistant and Third Year Resident.....	H	1 000 ¹
7. M. F. O. Blaurock, Assistant and Second Year Resident..	H	800 ¹
8. Mandel Sachs, First Year Resident.....	H	600 ¹
9. Betty Porter, Psychiatric Social Worker.....	D	2 260
10. Mrs. Frances C. Whitcomb, Technician.....	D	1 450
11. Mrs. Grace G. Dahlberg, Senior Stenographer (C. S.)...		1 380
12. Mary V. Buckley, Senior Stenographer (C. S.).....		1 080
Total, Psychiatry.....		\$ 17 980

Expendable Gift Funds:

Rockefeller Foundation Grant

1. Ernst Gellhorn, Physiologist.....	D	\$ 6 500
(Also Professor of Physiology, without salary)		
2. Mrs. Beulah C. Bosselman, Psychiatrist.....	DG ₅₀	1 800
(See Psychiatry.....	DG ₅₀	1 180)
(Total salary.....		2 980)
3. S. A. Szurek, Psychiatrist.....	D	3 500
4. Constance Kyle, Psychiatric Social Worker.....	D	2 000
5. Martha Stoeck, Stenographer.....	D	1 200
Total, Expendable Gift Funds.....		\$ 15 000

Roentgenology

1. Adolph Hartung, Professor.....	A	\$ 8 000
2. T. J. Wachowski, Associate.....	DG ₇₅	1 800
3. _____, Resident.....	D	600 ¹
4. Olive H. George, Technician and Registered Nurse (C. S.)		1 800
5. Lydia C. Scherbarth, X-Ray Technician (C. S.).....		1 500
6. Martha Cunningham, Senior Stenographer (C. S.).....		1 288
7. _____, Laboratory Helper (C. S.).....		1 080
Sub-total, Salaries.....		(16 068)
8. Wages.....	H	300
Total, Roentgenology.....		\$ 16 368

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Surgery		<i>Salary</i>
1. W. H. Cole, Professor and Head of Department.....	A	\$ 10 000
2. C. H. Phifer, Professor.....	AG12	320
3. C. M. McKenna, Professor.....	AG20	600
4. G. W. Post, Associate Professor.....	AG12	320
5. R. D. Herrold, Associate Professor.....	AG50	2 000
6. Arrie Bamberger, Associate Professor.....	AG12	320
7. O. E. Nadeau, Associate Professor.....	DG25	600
8. C. B. Puestow, Associate Professor.....	AG75	2 080
9. Willard Van Hazel, Associate Professor.....	AG75	1 800
10. Géza de Takats, Associate Professor.....	AG50	1 800
11. J. M. Mora, Assistant Professor (Payable \$64 at the end of each semester).....	EG10	128
12. ———, Associate.....	DG25	600
13. J. H. Kiefer, Instructor.....	DG75	1 120
14. J. T. Reynolds, Assistant and Senior Resident.....	D	1 000 ¹
15. D. P. Slaughter, Assistant and Second Year Resident....	D	800 ¹
16. Carl Ireneus, Jr., Assistant and Second Junior Resident..	D	600 ¹
17. M. L. Parker, Assistant (Payable \$64 at the end of each semester).....	EG10	128
18. L. J. Rossiter, Technician.....	DG50	950
(See Obstetrics and Gynecology.....	DG50	950)
(Total salary		1 900)
19. Mrs. Eunice Roth, Technician.....	D	1 320
20. Annabel Wheeler, Senior Typist (C. S.).....		1 500
21. ———, Junior Stenographer (C. S.).....		1 080
<i>Sub-total, Salaries</i>		(29 066)
22. Wages	H	766
<i>Total, Surgery</i>		\$ 29 832

Medical and Dental Illustration

1. T. S. Jones, Chief Artist and Associate Professor.....	DG75	\$ 4 000
2. Marion L. Mason, Artist.....	DG75	2 200
3. L. A. Toriello, Photographer.....	D	2 400
4. Mrs. Nellie M. Frain, Artist in Dental Illustration.....	DG50	1 500
(See Oral and Plastic Surgery and Oral Pathology)		
<i>Sub-total, Salaries</i>		(10 100)
5. Wages	H	600
<i>Total, Medical and Dental Illustration</i>		\$ 10 700

Drug Room

(Revolving Stores Account)

1. S. W. Morrison, Pharmacist.....	DG50	\$ 1 730
(See Pharmacy.....	DG50	1 730)
(Total salary		3 460)
2. R. L. Carter, Assistant Pharmacist.....	D	1 360
3. W. R. Collins, Assistant Pharmacist.....	DG50	1 050
(See Pharmacy	DG50	1 050)
(Total salary		2 100)
<i>Total, Drug Room</i>		\$ 4 140

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

COLLEGE OF DENTISTRY

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$13 960	\$2 500	\$16 460
Contingent Fund.....		1 200	1 200
Children's Clinic.....	5 500	740	6 240
Dental Illustration.....		2 575	2 575
Dental Pathology and Therapeutics.....	12 750	919	13 669
Histology.....	11 600	945	12 545
Infirmary.....	14 873	11 860	26 733
Medical and Dental History.....	1 000		1 000
Operative Dentistry.....	11 410	769	12 179
Oral and Plastic Surgery and Oral Pathology.....	14 370	980	15 350
Orthodontia.....	8 225	3 245	11 470
Prosthetic Dentistry:			
Crowns and Fixed Partial Dentures.....	9 575	1 075	10 650
Full Dentures and Removable Partial Dentures.....	13 860	1 147	15 007
Roentgenology.....	1 700	1 590	3 290
<i>Total</i>	<u>\$118 823</u>	<u>\$29 545</u>	<u>\$148 368</u>

Expendable Gift Funds¹
(All Research)

Teeth structure.....	\$1 300 ¹		\$1 300
Fellowships in dental research.....	4 000 ¹	\$1 000	5 000
<i>Total</i>	<u>\$5 300</u>	<u>\$1 000</u>	<u>\$6 300</u>

Administration

Salary

1. F. B. Noyes, Dean.....	B}		
Director of Children's Clinic.....	D}	G50	\$ 4 750
Professor of Orthodontia.....	A}		
2. Mrs. Nell Snow Talbot, Assistant to the Dean.....	DG70		2 750
(See Medical and Dental History.....)	DG30		1 000
(Total salary.....)			3 750
3. Mrs. Miriam Borg Stiehl, Secretary to the Dean.....	D		1 800
4. Mildred Warren, Junior Stenographer (C. S.).....	G75		1 060
(See Oral and Plastic Surgery.....)	G25		380
(Total salary.....)			1 440
5. Lucille Ricketts, Junior Stenographer (C. S.).....			1 160
6. Daniel Lyons, Supply Attendant (C. S.).....			1 440
7. Fannie Hagen, Infirmary Attendant (C. S.).....			900
<i>Sub-total, Salaries</i>			(13 860)
8. Wages.....	H		100
<i>Total, Administration</i>			<u>\$ 13 960</u>

Children's Clinic

1. F. B. Noyes, Director.....	D		.....
(Salary under Administration)			
2. Elsie Gerlach, Superintendent and Assistant Professor of Operative Dentistry.....	D	\$	2 900
3. Beulah G. Nelson, Associate.....	DG50		1 000
4. _____, Assistant.....	D		1 600
<i>Total, Children's Clinic</i>			<u>\$ 5 500</u>

Dental Pathology and Therapeutics

1. R. G. Kesel, Assistant Professor and Acting Head of Department.....	D	\$	4 000
2. E. C. Wach, Associate.....	DG50		1 500
3. M. K. Hine, Associate.....	D		2 800

¹Estimated.

		Salary
4. Anita Ellingson, Instructor.....	D	2 200
5. E. H. A. Kramp, Instructor (3 half-days each week)....	DG30	600
6. David Berman, Instructor (3 half-days each week) (No salary).....	DG30	.....
7. _____, Assistant (3 half-days each week) (No salary).....	DG30	.....
8. M. F. Grunwald, Instructor (3 half-days each week)....	DG30	500
9. Kenneth Sharpe, Assistant (3 half-days each week) (No salary).....	DG30	.....
10. Virginia L. Stoner, Technician.....	D	1 150
<i>Total, Dental Pathology and Therapeutics.....</i>		<u>\$ 12 750</u>

Histology

1. Isaac Schour, Professor and Head of Department.....	A	\$ 6 000
2. Frances Schwab, Technician.....	D	2 080
3. Leonard Gelfand, Assistant (3 half-days each week) (No salary).....	DG30	.....
4. Murray M. Hoffman, Research Assistant.....	D	2 000
5. _____, Student Assistant (Exemption from tuition and laboratory fees).....	DG25	.....
6. _____, Stenographer (C. S.).....		1 020
<i>Sub-total, Salaries.....</i>		(11 100)
7. Wages.....	H	500
<i>Total, Histology.....</i>		<u>\$ 11 600</u>

Infirmary

1. _____, Superintendent of Clinics.....	D	\$ 3 500
2. E. J. Krejci, Examiner.....	D)	2 400
Assistant Professor of Operative Dentistry.....		G50
3. K. F. Knudtson, Associate (½ day each week) (No salary).....	DG10	.....
4. P. L. Lane, Associate (2 half-days each week) (Exemption from tuition and laboratory fees).....	DG20	.....
5. H. F. Andree, Instructor (½ day each week) (No salary).....	DG10	.....
6. F. A. Dann, Instructor (2 half-days each week) (No salary).....	DG20	.....
7. E. W. Renfroe, Instructor (½ day each week) (No salary).....	DG10	.....
8. W. F. Denneman, Assistant (½ day each week) (No salary).....	DG10	.....
9. _____, Assistant (½ day each week) (No salary).....	DG10	.....
10. _____, Assistant (½ day each week) (No salary).....	DG10	.....
11. Carolyn Peterson, Registered Nurse (C. S.).....		1 800
12. Adelaide Talbot, Junior Stenographer (C. S.).....		1 200
13. Gustave Swanson, Technician.....	D	2 260
14. Anne Toomey, Senior Clerk (C. S.).....		1 800
15. Maude Gubbins, <i>Retired</i>		713
16. _____, Junior Clerk (C. S.).....		1 200
<i>Total, Infirmary.....</i>		<u>\$ 14 873</u>

Medical and Dental History

1. Mrs. Nell Snow Talbot, Assistant Professor.....	DG30	\$ 1 000
(See Administration.....)	DG70	2 750
(Total salary.....)		<u>3 750</u>
<i>Total, Medical and Dental History.....</i>		<u>\$ 1 000</u>

Operative Dentistry

1. S. F. Arnim, Assistant Professor and Acting Head of Department.....	D	\$ 4 000
2. D. M. Gallie, Professor, <i>Emeritus</i>		600

			Salary
3. E. J. Krejci, Assistant Professor.....	D}	G50	.....
Examiner in the Infirmary.....	D}		
(Salary under Infirmary)			
4. R. K. Baxter, Associate (4 half-days each week).....	DG40		I 500
5. C. M. Buckman, Associate.....	DG50		I 400
6. Margarita Ulloa, Associate.....	DG50		I 300
7. F. C. Besic, Instructor (4 half-days each week).....	DG40		775
8. D. D. Jackson, Assistant (4 half-days each week).....	DG40		675
9. Helen B. Sullivan, Junior Stenographer (C. S.).....			I 160
<i>Total, Operative Dentistry.....</i>			<i>\$ 11 410</i>

Oral and Plastic Surgery and Oral Pathology

1. F. B. Moorehead, Professor of Oral Surgery and Head of Department.....	AG50	\$	4 500
2. Louis Schultz, Professor of Oral Surgery and Pathology, <i>Emeritus</i>			600
3. R. L. Ladd, Assistant Professor of Oral Pathology.....	DG60	2	800
4. Eli Olech, Associate in Oral Surgery.....	DG25	I	090
5. H. J. Droba, Associate in Oral Surgery.....	DG25	I	100
6. L. W. Schultz, Assistant Professor of Oral Surgery (5 hours each week).....	DG13		800
7. Anna Rieke, Instructor in Oral Surgery.....	D	2	500
8. Mrs. Nellie M. Frain, Artist.....	DG50		.....
(Salary under Medical and Dental Illustration)			
9. J. W. Gordon, Instructor in Oral Surgery (½ day each week) (No salary).....	DG10		.....
10. A. L. Alban, Instructor in Oral Surgery (½ day each week) (No salary).....	DG10		.....
11. F. C. Fabian, Instructor in Oral Surgery (½ day each week) (No salary).....	DG10		.....
12. Suren M. Seron, Assistant in Oral Surgery (½ day each week) (No salary).....	DG10		.....
13. Mrs. Mina Rae Bohan, Technician in Oral Pathology....	DG50		600
(See Orthodontia.....)	DG50		600)
(Total salary.....)			I 200)
14. Mildred Warren, Junior Stenographer (C. S.).....	G25		380
(See Administration.....)	G75		I 060)
(Total salary.....)			I 440)
<i>Total, Oral and Plastic Surgery and Oral Pathology..</i>			<i>\$ 14 370</i>

Orthodontia

1. A. G. Brodie, Professor and Head of Department.....	DG50	\$	4 275
2. F. B. Noyes, Professor.....	AG50		.....
(Salary under Administration)			
3. W. B. Downs, Assistant Professor (2 half-days each week)	DG20		750
4. Ernest Myer, Instructor (2 half-days each week).....	DG20		200
5. Abraham Goldstein, Instructor (2 half-days each week)	DG20		200
6. Bess H. Faust, Technician.....	D	I	700
7. Mrs. Mina Rae Bohan, Technician.....	DG50		600
(See Oral and Plastic Surgery.....)	DG50		600)
(Total salary.....)			I 200)
<i>Sub-total, Salaries.....</i>			<i>(7 725)</i>
8. Wages.....	H		500
<i>Total Orthodontia.....</i>			<i>\$ 8 225</i>

Prosthetic Dentistry*Crowns and Fixed Partial Dentures*

Salary

1. G. W. Dittmar, Professor of Clinical Prosthetic Dentistry and Head of Department (4 hours each week)....	AG10	\$ 600
(See Full Dentures and Removable Partial Dentures)	AG10	600)
(Total salary		1 200)
2. S. D. Tylman, Professor of Prosthetic Dentistry.....	AG60	4 275
3. F. N. Bazola, Associate.....	DG50	1 200
4. W. J. Bray, Instructor (18 hours each week).....	DG45	1 000
5. R. D. Curtis, Assistant (5 half-days each week).....	DG50	1 000
6. R. A. Larsen, Assistant (2 half-days each week) (No salary).....	DG20	.....
7. _____, Assistant (2 half-days each week) (No salary).....	DG20	.....
8. Casimir Siniarski, Assistant (3 half-days each week)....	DG30	500
9. Anne B. Allen, Technician.....	D	1 000
<i>Total, Crowns and Fixed Partial Dentures.....</i>		<i>\$ 9 575</i>

Full Dentures and Removable Partial Dentures

1. G. W. Dittmar, Professor of Clinical Prosthetic Dentistry and Head of Department (4 hours each week)....	AG10	\$ 600
(See Crowns and Fixed Partial Dentures.....)	AG10	600)
(Total salary		1 200)
2. J. S. Kellogg, Professor of Prosthetic Dentistry.....	A	5 225
3. W. H. Kubacki, Professor of Prosthetic Dentistry.....	A	4 275
4. M. B. Hattenhauer, Instructor.....	DG50	1 000
5. Mrs. Eleanor S. King, Assistant.....	D	1 400
6. W. J. Hogan, Assistant (3 half-days each week).....	DG30	360
7. _____, Assistant (3 half-days each week).....	DG30	500
8. _____, Technician	DG50	500
(See Roentgenology.....)	DG50	500)
(Total salary		1 000)
<i>Total, Full Dentures and Removable Partial Dentures</i>		<i>\$ 13 860</i>

Roentgenology

1. Edna M. Anderson, Technician.....	D	\$ 1 200
2. _____, Technician	DG50	500
(See Prosthetic Dentistry—Full Dentures.....)	DG50	500)
(Total salary		1 000)
<i>Total, Roentgenology.....</i>		<i>\$ 1 700</i>

COLLEGE OF PHARMACY*Materia Medica and Botany*

1. W. B. Day, Professor.....	A	.....
Dean.....	B	\$ 6 750
2. E. N. Gathercoal, Professor of Pharmacognosy.....	A	4 675
3. E. H. Wirth, Associate Professor of Pharmacognosy....	A	3 900
4. Esther Meyer, Associate in Bacteriology.....	D	2 460
5. P. D. Carpenter, Associate.....	D	2 460
6. C. L. Cox, Instructor in Pharmacognosy.....	E	2 460
7. R. S. Adamson, Assistant.....	E	1 500
8. Gerston Bruch, Assistant.....	E	1 500
9. E. E. Vicher, Assistant.....	EG50	650

Chemistry

10. A. H. Clark, Professor.....	A	4 675
11. H. L. Davis, Assistant Professor.....	B	3 900
12. G. L. Webster, Assistant Professor.....	B	3 400
13. C. W. Clarke, Associate.....	D	3 300

		<i>Salary</i>
14. L. D. Powers, Associate in Physics.....	B	3 250
15. U. O. Oakdale, Instructor.....	E	2 200
16. E. R. P. Kirch, Assistant.....	E	1 500
17. P. G. Soderdahl, Assistant.....	E	1 500
18. Solomon Gershon, Assistant.....	E	1 500
19. I. J. Kaski, Assistant.....	E	1 200

Pharmacy

20. C. M. Snow, Professor, <i>Emeritus</i>		2 206
21. R. E. Terry, Associate Professor.....	A	4 200
22. H. M. Emig, Assistant Professor, in charge of Physiology	B	3 300
23. S. W. Morrison, Associate.....	DG ₅₀	1 730
(See College of Medicine.....)	DG ₅₀	1 730)
(Total salary.....)		3 460)
24. L. E. Martin, Associate.....	D	2 800
25. Samuel Shkolnik, Instructor, in charge of Business Law	E	2 440
26. J. C. Ocenasek, Instructor.....	E	2 100
27. Lawrence Templeton, Instructor.....	E	2 100
28. B. B. Brody, Assistant.....	E	1 500
29. W. R. Collins, Assistant.....	DG ₅₀	1 050
(See College of Medicine.....)	DG ₅₀	1 050)
(Total salary.....)		2 100)
30. E. G. King, Assistant.....	EG ₅₀	600
31. _____, Assistant.....	EG ₅₀	600

General

32. Andrew Burger, Technician.....	E	1 200
33. Walter Sharka, Jr., Technician.....	D	1 300
34. Mary M. Scanlan, Secretary to the Dean (Exempt).....	D	2 100
35. Mrs. Dorothea M. Wheeler, Senior Clerk and Library Assistant (C. S.).....		1 600
36. Leona M. Frankovich, Junior Stenographer (C. S.).....		1 400
37. Mrs. Tillie T. Reiffer, Senior Stenographer (C. S.).....		1 450
38. Hans Buch, Supply Attendant (C. S.).....		1 396
Sub-total, Salaries.....		(87 942)
39. Wages.....	H	1 000
Total, College of Pharmacy.....		\$ 88 942

*Expendable Gift Funds:**American Pharmaceutical Association*

1. R. K. Snyder, Special Research Assistant (Jan. 1 to Dec. 31, 1937).....	F	(\$1 200)
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DIVISION OF UNIVERSITY EXTENSION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
University Extension.....	\$8 100	\$2 693	\$10 793
Extramural Extension.....	5 275 ¹	9 000 ¹	14 275 ²
Sub-total.....	(13 375)	(11 693)	(25 068)
Visual Aids Revolving Fund.....	2 100	4 900	7 000
Total.....	\$15 475	\$16 593	\$32 068

Administration

1. R. B. Browne, Director.....	DG ₇₅	\$ 3 000
(See College of Education.....)	BG ₂₅	1 000)
(Total salary.....)		4 000)

¹Estimated distribution.²After transferring \$3,725 to Education salaries.

2. Lewis V. Peterson, Executive Clerk (C. S.) and Supervisor of Visual Aids Service.....	D	Salary 1 800
3. A. D. Huston, Supervisor of Speech Aids Service.....	EG25	500
(See English.....)	EG75	1 500)
(Total salary.....)		2 000)
4. Waunetta Kruse, Secretary (C. S.).....		1 200
Sub-total, Salaries.....		(6 500)
5. Wages.....	H	1 600
Total, Administration.....		\$ 8 100

LIBRARY

(The departments into which this budget is divided are for administrative convenience only.)

Summary

<i>Salaries and Wages</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$15 995	.....	\$15 995
Order Department.....	39 820	.....	39 820
Binding Department.....	7 520	.....	7 520
Catalog Department.....	61 200	.....	61 200
Loan Department.....	34 055	.....	34 055
Reference Department.....	13 050	.....	13 050
Departmental Libraries:			
Urbana.....	49 054	.....	49 054
Chicago—Medicine and Dentistry.....	10 113	.....	10 113
Total, Salaries and Wages.....	(230 807)	.....	(230 807)
<i>Expense and Equipment</i> (other than Library Additions):			
Medicine and Dentistry.....	.....	\$565	565
General.....	.....	13 805	13 805
Total, Expense and Equipment.....	.....	(14 370)	(14 370)
<i>Library Additions</i> (books, binding, and periodicals):			
Law.....	.....	13 000	13 000
Medicine and Dentistry.....	.....	11 000	11 000
Pharmacy.....	.....	1 000	1 000
General (all other departments).....	.....	114 773	114 773
Total, Library Additions.....	.....	(139 773)	(139 773)
Grand Total, Library.....	\$230 807	\$154 143	\$384 950

Expendable Gift Funds

Dennison Memorial Book Fund.....	\$6 300 ¹	\$6 300 ¹
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Administration

	<i>Salary</i>
1. P. L. Windsor, Director of the University Library and the Library School.....	B \$ 7 000
Professor of Library Science.....	A
2. Mary Lois Bull, Assistant to the Director (C. S.).....	2 400
3. W. S. Yenawine, Assistant (C. S.).....	1 800
4. Mrs. Mildred J. Piatt, Stenographer (C. S.).....	1 500
5. Edmund Wharmby, Helper (C. S.).....	1 500
Sub-total, Salaries.....	(14 200)
6. Wages.....	H 1 795
Total, Administration.....	\$ 15 995

¹Estimated.

Order Department		Salary
1. Willia K. Garver, Order Librarian and Lecturer in the Library School	D	\$ 3 400
2. G. H. Sandy, Assistant in charge of Exchanges (C. S.) ..		2 400
3. Mrs. Dorothy M. Halmos, Assistant (C. S.)		2 200
4. ———, Assistant (C. S.)		1 500
5. Kathleen M. Ruckman, Exchange Reviser (C. S.)		1 800
6. ———, Documents Assistant (C. S.)		1 800
7. Mary Roberts, Assistant (C. S.)		1 400
8. R. H. Shove, Assistant (C. S.)		1 800
9. ———, Assistant (Student)	DG67	880
10. Maurine Collins, Assistant (C. S.)		1 440
11. Lucy V. Kepler, Assistant in charge of periodicals (C. S.)		1 600
12. Doris Fleming, Assistant (C. S.)		1 400
13. George B. Brown, Assistant (C. S.)		1 400
14. H. J. Waltemade, Assistant (C. S.)		1 500
15. ———, Assistant (C. S.)		1 400
16. Helen L. McIntyre, Assistant (C. S.)		1 400
17. ———, Assistant (C. S.)		1 400
18. Dorothy M. Reuss, Assistant (C. S.)		1 400
19. Mrs. Irene L. Phillippe, Clerk (C. S.)		1 060
20. Mrs. Evelyn S. Stanner, Stenographer (C. S.)		1 180
21. Mrs. Helen S. McFarland, Stenographer (C. S.)		1 000
22. ———, Stenographer (C. S.)		960
23. ———, Clerk (C. S.)		840
Sub-total, Salaries		(35 160)
24. Wages	H	4 660
Total, Order Department		\$ 39 820

Binding Department		
1. Josie B. Houchens, Binding Librarian and Lecturer in the Library School	D	\$ 2 800
2. Avis Auld, Assistant (C. S.)		1 400
3. ———, Assistant (C. S.)		1 320
Sub-total, Salaries		(5 520)
4. Wages	H	2 000
Total, Binding Department		\$ 7 520

Catalog Department		
1. A. H. Trotier, Catalog Librarian and Lecturer in the Library School	D	\$ 3 400
2. Eleanor M. Robertson, Assistant Catalog Librarian (C. S.)		2 700
3. Cleo Lichtenberger, Catalog Reviser (C. S.)		2 400
4. Esther W. Anell, Serial Reviser (C. S.)		2 400
5. Amanda Flattery, Cataloger, <i>Retired</i>		760
6. C. U. Faye, Cataloger (C. S.)		2 400
7. Mrs. Katherine M. Wheeler, Cataloger (C. S.)		2 200
8. Mary A. Mann, Cataloger (C. S.)		2 100
9. Edna M. Brown, Cataloger (C. S.)		2 100
10. Meta M. Sexton, Cataloger (C. S.)		2 000
11. Edith C. Jones, Cataloger (C. S.)		1 900
12. Clarissa O. Lewis, Cataloger (C. S.)		1 800
13. H. W. Batchelor, Cataloger (C. S.)		1 700
14. G. R. Maynard, Cataloger (C. S.)		1 700
15. Theresa W. Gillett, Cataloger (C. S.)		1 500
16. ———, Cataloger (C. S.)		1 500
17. Ruth Hardin, Cataloger (C. S.)		1 500
18. J. G. Baker, Cataloger (C. S.)		1 500
19. ———, Cataloger (C. S.)		1 500

		<i>Salary</i>
20. Janet G. Bullen, Cataloger (C. S.).....		I 400
21. Helen M. Cooper, Cataloger (C. S.).....		I 400
22. Mary L. Seely, Cataloger (C. S.).....		I 400
23. _____, Cataloger (C. S.).....		I 400
24. Geraldine Kaufman, Cataloger (C. S.).....		I 400
25. _____, Cataloger (C. S.).....		I 500
26. _____, Cataloger (C. S.).....		I 400
27. Mrs. Lellia F. McLaughlin, Typist and Multigraph Operator (C. S.).....		I 500
28. Mrs. Elizabeth Beedle, Clerk (C. S.).....		I 400
29. Audrey M. Sexton, Clerk (C. S.).....		I 440
30. Eula Clanton, Clerk (C. S.).....		I 200
31. H. Madeline Weckel, Clerk (C. S.).....		I 200
32. Virginia Miller, Clerk (C. S.).....		I 100
33. _____, Clerk (C. S.).....		900
<i>Sub-total, Salaries</i>		(55 700)
34. Wages.....	H	5 500
<i>Total, Catalog Department</i>		\$ 61 200

Loan Department

1. Emma R. Jutton, Loan Librarian and Lecturer in Library School.....	D	\$ 3 000
2. Helen Stewart, Assistant (C. S.).....		2 000
3. Cecelia McCarthy, Assistant (C. S.).....		2 000
4. Lucile Huntington, Assistant (C. S.).....	G66	935
5. Mrs. Esther P. Roerig, Assistant (C. S.).....	G50	770
5a. P. J. Burnette, Assistant (Student).....	G50	700
6. E. J. Scheerer, Assistant (C. S.).....		I 600
7. Annabel L. Smith, Assistant (C. S.).....		I 500
8. Becky M. Sanford, Assistant (C. S.).....		I 400
9. _____, Assistant (C. S.).....	G75	I 050
10. Ruth M. Rothenburger, Assistant.....		I 500
11. _____, Assistant (C. S.).....		I 400
12. _____, Assistant (C. S.).....		I 400
13. Reva Nearhood, Assistant (C. S.).....	G75	I 050
14. Sylvia C. Gilmore, Assistant (C. S.).....		I 800
15. Eunice H. Speer, Assistant (C. S.).....	G75	I 050
16. _____, Assistant (C. S.).....		I 500
17. _____, Assistant (C. S.).....		I 400
<i>Sub-total, Salaries</i>		(26 055)
18. Wages.....	H	8 000
<i>Total, Loan Department</i>		\$ 34 055

Reference Department

1. Alice S. Johnson, Reference Librarian and Lecturer in the Library School.....	D	\$ 2 900
2. Fanny Dunlap, Reference Librarian and Lecturer in the Library School.....	D	2 900
3. Dorothy M. Black, Reference Assistant (C. S.).....		2 300
4. Emily O. Garnett, Reference Assistant (C. S.).....		I 700
5. C. H. McMullen, Reference Assistant (C. S.).....	G75	I 050
6. Mary S. Hudson, Reference Assistant (Student).....	DG50	700
7. Madeline Cord, Reference Assistant (C. S.).....	G75	I 050
<i>Sub-total, Salaries</i>		(12 600)
8. Wages.....	H	450
<i>Total, Reference Department</i>		\$ 13 050

Departmental Libraries

		Salary
1. C. E. Janvrin, Librarian, <i>Retired</i>		\$ 1 194
2. L. E. Bamber, Library Assistant, Natural History Library (C. S.).....		1 800
3. ———, Library Assistant, Natural History Library (C. S.).....	G50	700
4. Wages.....	H	1 800
5. Mary G. Burwash, Librarian of the Agriculture Library (C. S.).....		2 500
6. ———, Library Assistant, Agriculture Library (C. S.).....	G50	700
7. Wages.....	H	710
8. Nelle M. Signor, Librarian in History and Political Science (C. S.).....		2 300
9. Wages.....	H	800
10. Hazel Y. Shaw, Librarian in Commerce (C. S.).....		2 200
11. Wages.....	H	1 200
12. Hilda J. Alseth, Librarian of the Engineering Library (C. S.).....		2 400
13. ———, Library Assistant, Engineering Library..	G50	700
14. Wages.....	H	800
15. Ida Tod, Librarian in Education, Philosophy, Psychology (C. S.).....		2 400
16. ———, Library Assistant in Education (C. S.)...	G50	700
17. Wages.....	H	1 200
18. Florence M. Harding, Library Assistant in Modern Languages (C. S.).....		2 000
19. Wages.....	H	600
20. Mrs. Fern D. Davis, Librarian of the Architecture Library (C. S.).....		2 000
21. ———, Library Assistant in Architecture (C. S.)	G50	700
22. Wages.....	H	1 100
23. Mrs. Bernita J. Long, Assistant in Law Library and Lec- turer in Library School.....	D	2 100
24. Wages.....	H	1 400
25. E. S. Warrick, Library Assistant in Mathematics (C. S.)		1 800
26. Wages.....	H	800
27. Eva Faye Benton, Library Assistant in English (C. S.)...		1 600
28. Wages.....	H	800
29. J. C. Settelmayer, Library Assistant in Chemistry (C. S.)		1 800
30. Wages.....	H	1 100
31. Mrs. Eunice C. Mohr, Library Assistant in Journalism (C. S.).....		1 600
32. Wages.....	H	800
33. Mildred H. Bowers, Library Assistant in Landscape Architecture (C. S.).....		1 300
(See Landscape Architecture.....)		200)
(Total salary.....)		1 500)
34. Wages.....	H	550
35. Wages (Classics).....	H	900
36. Isabelle F. Grant, Librarian, 17th Century Book Room (C. S.).....		2 000
Sub-total, Salaries.....		(34 494)
Sub-total, Wages.....		(14 560)
Grand Total, Departmental Libraries, Urbana.....		\$ 49 054

Departmental Libraries—Chicago (Medicine and Dentistry)

1. Wilma Troxel, Librarian (C. S.).....	\$ 2 300
2. Metta M. Loomis, Librarian, <i>Retired</i>	1 213
3. Margaret M. Bates, Assistant Librarian (C. S.).....	1 800

		<i>Salary</i>
4. Mrs. Marcia D. Buchanan, Clerk (C. S.).....		1 140
5. _____, Cataloger (C. S.).....		1 700
6. _____, Library Clerk (C. S.).....		960
<i>Sub-total, Salaries</i>		(9 113)
7. Wages.....	H	1 000
<i>Total, Departmental Libraries, Chicago (Medicine and Dentistry)</i>		\$ 10 113

PHYSICAL PLANT DEPARTMENT

Summary

Physical Plant Operation, Maintenance, and Equipment (Wages, expense, and equipment items subject to adjustment within total)

Urbana-Champaign:	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Operation:			
Administration.....	\$78 633	\$ 9 169	\$ 87 802
Building.....	136 365	13 490	149 855
Fire Station.....	13 796	4 670	18 466
Police and Watchmen.....	21 515	410	21 925
<i>Total, Operation</i>	(250 309)	(27 739)	(278 048)
Maintenance:			
Building.....	140 610	60 180	200 790
General.....	47 525	10 500	58 025 ¹
Grounds.....	35 350	6 204	41 554
Trucks and Cars.....	22 450	10 322	32 772
<i>Total, Maintenance</i>	(245 935)	(87 206)	(333 141)
Utilities:			
Heat, Light, and Power.....	67 672	107 018	174 690
Gas.....	250	9 000	9 250
Water Station.....	17 117	4 755	21 872
<i>Total, Utilities</i>	(85 039)	(120 773)	(205 812)
<i>Total, Urbana-Champaign</i>	\$581 283	\$235 718	\$817 001
Chicago:			
Administration.....	10 595	4 861	15 456 ²
Building Operation.....	35 493	5 795	41 288
Building Maintenance.....	34 420	12 580	47 000
Grounds.....	1 935	265	2 200
Heat, Light, and Power.....	4 590	46 600	51 190
<i>Total, Chicago</i>	\$87 033	\$70 101	\$157 134
<i>Total, Physical Plant Operation, Maintenance, and Equipment</i>	\$668 316	\$305 819	\$974 135
<i>Residence Halls</i> (See Auxiliary Enterprises).....	\$27 500	\$79 000	\$106 500
<i>Expendable Gift and Endowment Income Funds</i>			
Carr Tree Planting Fund.....		\$520	\$520
Estep Clock Maintenance Fund.....		140	140
<i>Total, Expendable Gift and Endowment Income Funds</i>		\$660	\$660

Physical Plant Department

URBANA

<i>Administration</i>	<i>Salary</i>
1. C. S. Havens, Director of Physical Plant Department (C. S.).....	\$ 6 000
2. R. C. Maxwell, Structural Engineer (C. S.).....	4 500

¹After deducting \$13,907 for telephones transferred to departments.

²After deducting \$8,544 for telephones transferred to departments.

	Salary
3. E. L. Stouffer, Assistant Supervising Architect (C. S.)..	4 500
4. T. O. Henderson, Assistant Superintendent of Buildings (C. S.).....	3 000
5. C. C. Andrew, Architectural Draftsman (C. S.).....	2 700
6. E. R. Berbaum, Maintenance and Repair Foreman (C. S.)	2 400
7. C. W. Lyon, Chief Clerk (C. S.).....	1 920
8. Mary E. Brennan, Chief Clerk (C. S.).....	1 885
9. Hazel M. Tucker, Senior Clerk (C. S.).....	1 800
10. R. G. Long, Certified Laborer (C. S.).....	1 500
11. Sybil K. Nagle, Senior Stenographer (C. S.).....	1 500
12. Geneva Fleming, Architectural Draftsman (C. S.).....	1 440
13. Garnet B. Renaker, Senior Clerk (C. S.).....	1 300
14. Mrs. Dorothy A. Murphy, Senior Typist (C. S.).....	1 300
15. Agnes Burke, Junior Accountant (C. S.).....	1 300
16. Agnes Kane, Junior Accountant (C. S.).....	1 240
17. Mrs. Cora L. James, Junior Typist (C. S.).....	1 200
18. Mrs. Dorothy B. Woods, Junior Clerk (C. S.).....	1 200
19. Mrs. Caline F. Mitchell, Junior Stenographer (C. S.)....	1 140
20. Mrs. Eva O. Paul, Junior Stenographer (C. S.).....	1 080
21. Mrs. Mary R. Pitrat, Junior Stenographer (C. S.).....	960
22. M. W. Genung, Storekeeper (C. S.) (Paid from Physical Plant Stores Overhead).....	1 875)
23. C. A. Dunseth, <i>Retired</i>	877
24. W. G. Hixson, <i>Retired</i>	548
25. Louis Finder, <i>Retired</i>	760
26. Basil Brown, <i>Retired</i>	678
27. Sell Hamlin, <i>Retired</i>	607
28. J. C. Snyder, <i>Retired</i>	670
29. Martin Sandwell, <i>Retired</i>	951
30. A. J. Booker, <i>Retired</i>	972
31. J. A. Hamlin, <i>Retired</i>	450
32. Charles Hill, <i>Retired</i>	1 200
33. T. J. Showers, <i>Retired</i>	1 702
34. C. C. Definbaugh, <i>Retired</i>	500
35. H. Powell, <i>Retired</i>	384
36. Lee McMillion, <i>Retired</i>	375
37. C. Y. Freeman, <i>Retired</i>	592
38. J. H. Vandeventer, <i>Retired</i>	934
39. D. J. Kilgore, <i>Retired</i>	533
40. P. O. Moore, <i>Retired</i>	502
41. P. Adams, <i>Retired</i>	1 023
42. Joseph Davis, <i>Retired</i>	647
43. J. A. J. Klein, <i>Retired</i>	590
44. Ben Carlisle, <i>Retired</i>	636
45. Marshall Faust, <i>Retired</i>	804
46. Thomas Butler, <i>Retired</i>	762
47. W. J. Smith, <i>Retired</i>	1 127
48. Gus Strom, <i>Retired</i>	683
49. Frank Mead, <i>Retired</i>	527
50. Bert Clark, <i>Retired</i>	681
51. Mrs. Mary L. Ryan, <i>Retired</i>	G33 144
(See Home Economics Department.....	G67 288)
(Total salary.....	432)
52. George Fiock, <i>Retired</i>	836
53. F. T. Franklin, <i>Retired</i>	763
54. W. H. Keefer, <i>Retired</i>	547
Sub-total, Salaries.....	(66 930)
55. Wages.....	H 11 703
Total, Administration.....	(78 633)

*Building Operation**Salary*

1. S. E. Griffith, Assistant Superintendent of Buildings (C. S.).....		3 200
2. Wages.....	H	133 165
<i>Total, Building Operation.....</i>		<i>(136 365)</i>

Fire Station

1. F. W. Stateler, Maintenance and Repair Mechanic (C. S.).....		2 400
2. Wages.....	H	11 396
<i>Total, Fire Station.....</i>		<i>(13 796)</i>

Police and Watchmen

1. Wages.....	H	21 515
<i>Total, Police and Watchmen.....</i>		<i>(21 515)</i>

Building Maintenance

1. Wages.....	H	140 610
<i>Total, Building Maintenance.....</i>		<i>(140 610)</i>

General Maintenance

1. John Doak, Assistant Superintendent of Buildings (C. S.).....		4 300
2. Wages.....	H	43 225
<i>Total, General Maintenance.....</i>		<i>(47 525)</i>

Grounds

1. C. E. Atkinson, Superintendent of Grounds (C. S.).....		3 350
2. Wages.....	H	32 000
<i>Total, Grounds.....</i>		<i>(35 350)</i>

Trucks and Cars

1. Ross Hutton, University Foreman of Automotive Vehicles (C. S.).....		2 750
2. Wages.....	H	19 700
<i>Total, Trucks and Cars.....</i>		<i>(22 450)</i>

Heat, Light, and Power

1. C. E. Markland, Mechanical Engineer (C. S.).....		3 400
2. Wages.....	H	64 272
<i>Total, Heat, Light, and Power.....</i>		<i>(67 672)</i>

Gas

1. Wages.....	H	250
<i>Total, Gas.....</i>		<i>(250)</i>

Water Station

1. H. L. White, Sanitary Engineer (C. S.).....		3 600
2. Wages.....	H	13 517
<i>Total, Water Station.....</i>		<i>(17 117)</i>
<i>Total, Physical Plant Department, Urbana.....</i>		<i>\$581 283</i>

CHICAGO

Administration

1. H. W. Pearce, Superintendent of Buildings (C. S.).....	\$	3 600
2. H. I. Schmitt, Assistant Superintendent of Buildings (C. S.).....		3 250
3. Marjorie Burke, Clerk and Stenographer (C. S.).....		1 200
4. Mrs. Eula Brooks, Senior Stenographer (C. S.).....		1 140
5. Hilda Hansen, <i>Retired</i>		400
6. Peter Drennan, <i>Retired</i>		770

		Salary
7. Anna Anderson, <i>Retired</i>		235
<i>Sub-total, Salaries</i>		(10 595)
8. Wages.....	H	.....
<i>Total, Administration, Chicago</i>		(10 595)
<i>Building Operation</i>		
1. E. C. Fletcher, Assistant to Superintendent of Buildings (C. S.).....		2 400
2. Wages.....	H	33 093
<i>Total, Building Operation, Chicago</i>		(35 493)
<i>Building Maintenance</i>		
1. Wages.....	H	34 420
<i>Total, Building Maintenance, Chicago</i>		(34 420)
<i>Grounds</i>		
1. Wages.....	H	1 935
<i>Total, Grounds, Chicago</i>		(1 935)
<i>Heat, Light, Power, Water, and Gas</i>		
1. Wages.....	H	4 590
<i>Total, Heat, Light, Power, Water, and Gas—Chicago</i>		(4 590)
<i>Total, Physical Plant Department, Chicago</i>		(87 033)
<i>Total, Physical Plant Department, Urbana & Chicago</i>		\$668 316
<i>Photographic and Blueprinting Laboratory</i>		
1. Ray R. Hamm, Manager (C. S.).....		\$ 3 000
2. Wages.....	H	4 500
<i>Total, Photographic and Blueprinting Laboratory</i>		\$ 7 500 ¹
<i>Residence Halls</i>		
1. Beulah E. Gradwohl, House Manager, Laura B. Evans and Mary E. Busey Residence Halls (C. S.).....		\$ 2 800 ²
2. Mrs. Ella F. Boyd, Director of Social Activities in Mary E. Busey Hall (C. S.).....	E	900 ²
3. Mrs. Mabel P. Smith, Director of Social Activities in Laura B. Evans Hall (C. S.).....	E	900 ²
4. Mrs. Fannie Wilson, <i>Retired</i>		408
5. G. A. DaCosta, Junior Accountant (See Business Office, Item 14).....	DG47	579
<i>Total, Residence Halls</i>		(5 587)
6. _____, House Manager, Davenport House (C. S.).....	EG80	1 000 ²
7. Mrs. Marjorie McCoy, Director of Social Activities in Davenport House (C. S.).....	E	500 ²
8. Mrs. Ida M. Staehle, <i>Retired</i>		338
9. G. A. DaCosta, Junior Accountant (See Business Office, Item 14).....	DGo8	96
<i>Total, Davenport House</i>		(1 934)
<i>Sub-total, Salaries</i>		(7 521)
10. Wages.....	H	19 979
<i>Total, Residence Halls</i>		\$ 27 500 ³

RENTAL OF MEDICAL AND DENTAL COLLEGE LABORATORY

Amount required for the payment of rental at \$7,200 per month for 8 months and at \$7,100 per month for 4 months, to cover interest and principal payments on bond issue for that building..... \$86 000

¹To be paid out of the receipts of the laboratory; not included in budget total.

²Maintenance, including living quarters, board, and personal laundry while on duty.

³To be paid from the operating income of the halls; not included in budget totals.

NON-RECURRING APPROPRIATIONS

These appropriations are over and above the budget appropriations for normal operation and equipment and are for special non-recurring needs of the year or for securing necessary important but costly equipment which should not be included in the normal operating budget.

Appropriations for these special purposes are made in total for the benefit of all departments of the college indicated unless otherwise specified and may be expended only on requisition approved by the dean of the college or the head of the division concerned.

College of Liberal Arts and Sciences, special equipment.....	\$15 000
College of Engineering, special equipment.....	25 000
College of Agriculture and Agricultural Experiment Station, special equipment.....	10 000
College of Education, special equipment.....	1 000
School of Journalism, special equipment.....	2 000
Library School, special equipment.....	620
Graduate School, special publications:	
Additional volume of works of G. A. Miller.....	2 500
Index of Cicero by Professor Oldfather.....	4 000
School of Physical Education, special equipment.....	1 520
Division of University Extension, special equipment for Visual Aids Service (with the provision that, if a surplus accumulates in the operations of this division, the amount of this appropriation shall be returned from that surplus to general funds).....	2 000
Radio Station, special equipment.....	900
Business Office and Registrar's Office, special equipment.....	3 000
Alumni Records Office, special equipment.....	1 200
Ventilating and air-conditioning Lincoln Hall Theatre.....	20 000
<i>Total</i>	<u>\$88 740</u>

Auxiliary Enterprises

The balances, receipts, and credits of the following self-supporting funds and activities are appropriated for the expense of operation and maintenance of these activities:

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Women's Residence Halls ¹	\$23 000 ²	\$61 000	\$84 000
Davenport House ¹	4 500 ²	10 500	15 000
McKinley Hospital.....	22 000 ²	21 500	43 500
Tenant Properties ¹.....	.....	7 500	7 500
<i>Total</i>	<u>\$49 500</u>	<u>\$100 500</u>	<u>\$150 000</u>

¹Balance lapses into General University Income June 30, 1938.

²Includes salaries listed under Physical Plant Department.

³Includes salaries listed under Administration and General Expense.

EXPENDABLE ENDOWMENT INCOME AND GIFT FUNDS

Scholarships, Fellowships, and Prizes

<i>Scholarship and Fellowship Funds</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Allerton American Traveling Scholarship in Architecture.....	\$800	.....	\$800
Carr Fellowship in Chemistry.....	750	.....	750 ¹
Chicago Board of Trade Agricultural Scholarships...	500	.....	500
Chemical Foundation Fellowships in Organic Chemistry.....	6 000	.....	6 000
Dow Chemical Company Fellowship in Organic Chemistry.....	600	.....	600
E. I. duPont de Nemours Fellowship.....	750	.....	750
Gregory Scholarship.....	250	.....	250 ¹
Eli Lilly Company Fellowship.....	750	.....	750
Harker Scholarship in Law.....	125	.....	125 ¹
Illinois Congress of Parents and Teachers Scholarship.....	400	.....	400
Illinois Bankers Association Fellowship.....	500	.....	500
Kinley Memorial Scholarships.....	1 000	.....	1 000 ¹
Morava Scholarships.....	4 000	.....	4 000 ¹
Plym Fellowships in Architecture.....	1 500	.....	1 500 ¹
Rea Scholarships in Medicine.....	200	.....	200 ¹
Sears, Roebuck Scholarships in Agriculture.....	2 500	.....	2 500
Sharp Scholarship in Library Science.....	300	.....	300
G. Frederick Smith Company Fellowship in Chemistry.....	750	.....	750
Solvay Process Company Fellowship in Organic Chemistry.....	600	.....	600
Shnitzer Memorial Scholarships.....	100	.....	100
Wallace Memorial Scholarships.....	400	.....	400 ¹
Estimated Additional Funds and Renewals of Present Funds.....	2 000	.....	2 000
<i>Prize Funds</i>			
American Legion Annual Award.....		\$ 50	50
Baker prize in Civil Engineering.....		100	100 ¹
Bevan Foundation prize in Psychology.....		85	85
Bryan prize for students' essays on government.....		25	25 ¹
Civil Engineering prize fund.....		50	50
English poetry prize.....		50	50 ¹
Guild memorial prize for students' poems and one-act plays.....		25	25 ¹
Thrift Committee economics prize.....		50	50 ¹
Van Schaack award in Pharmacy.....		40	40 ¹
<i>Total, Scholarships, Fellowships, and Prize Funds.</i>	\$24 775	\$475	\$25 250

Miscellaneous Funds

Margaret Lange James Student Loan Annuity.....	\$ 250	\$ 250
K. C. Babcock Fellowship in History and Political Science Annuity.....	1 200	1 200
W. B. McKinley Hospital Endowment.....	600	600
Carter-Pennell Farms Operation.....	1 300	1 300
<i>Total, Miscellaneous Funds.</i>	\$3 350	\$3 350 ²

¹From Endowment Income.²All Endowment Income.

At this point Doctor Meyer withdrew from the meeting.

NEW APPOINTMENTS OF PROFESSORIAL RANK

(2) It is customary for the President to submit to the Board individually recommendations for new appointments to the faculty of the rank of assistant professor and above. Accordingly the following new appointments of professorial rank are recommended (the name in each case having been included in the budget for 1937-1938, already presented):

	<i>Annual Salary</i>
<i>College of Liberal Arts and Sciences</i>	
C. A. Forbes, Professor of the Classics (Second Semester, 1937-1938, only).....	\$2 000
Marvin T. Herrick, Assistant Professor of English.....	3 000
Raymond P. Stearns, Assistant Professor of History.....	3 000
Ralph Hull, Assistant Professor of Mathematics.....	3 000
<i>College of Commerce and Business Administration</i>	
Walter F. Frese, Assistant Professor of Accountancy.....	2 700
Russell M. Nolen, Assistant Professor of Economics.....	3 500
William A. Neiswanger, Assistant Professor of Economics.....	3 600
Edmund Whittaker, Assistant Professor of Economics.....	3 500
Harry K. Allen, Assistant Professor of Economics.....	3 000
Paul M. Green, Assistant Professor of Economics.....	3 000
<i>College of Agriculture</i>	
Berthier Wesley Fairbanks, Associate Professor and Associate Chief of Animal Husbandry ($\frac{3}{4}$ time).....	2 700
Howard French Bigelow, Assistant Professor and Assistant Chief of Household Management ($\frac{1}{2}$ time).....	1 800
<i>College of Medicine</i>	
Thomas Gervase Walsh, Assistant Professor of Medicine ($\frac{1}{2}$ time)...	1 500
On motion of Mr. Pogue, these appointments were approved.	

RETIREMENT OF MEMBERS OF THE STAFF

(3) A report that the following members of the staff will retire, effective September 1, 1937, on the retiring allowance indicated in each case:

<i>Name</i>	<i>Department</i>	<i>Title or Position</i>	<i>Annual Allowance</i>
N. C. Brooks.....	German.....	Professor and Curator..	\$2 066
L. M. Larson.....	History.....	Professor and Head....	3 000
R. L. Davis.....	Physiology.....	Laboratory Helper.....	353
H. H. Braucher.....	Industrial Education...	Associate.....	1 132
C. T. Knipp.....	Physics.....	Professor.....	2 625
M. Helen Keith.....	Animal Husbandry.....	First Assistant.....	879
J. L. Heddins.....	Animal Husbandry.....	Swine Herdsman.....	904
W. J. Fraser.....	Dairy Husbandry.....	Professor.....	1 834
H. J. van den Berg.....	Music.....	Professor.....	1 834
Maude Gubbins.....	Dentistry.....	Clerk.....	713
George Fiock.....	Physical Plant.....	Maintenance and Repair Mechanic.....	836
F. T. Franklin.....	Physical Plant.....	Maintenance and Repair Mechanic.....	763
W. H. Keefer.....	Physical Plant.....	Laborer.....	547
Mrs. Ida M. Staehle....	Residence Halls.....	Social Director.....	338
Mrs. Fannie Wilson....	Residence Halls.....	Cook.....	408

On motion of Mr. Pogue, these retirements were approved.

CONTINUATION OF MEMBERS OF THE STAFF IN SERVICE

(4) The following members of the staff, who have reached the retiring age during the current academic year, have asked that they be continued in service for one year from September 1, 1937:

1. Frank C. Baker, Curator of the Natural History Museum (Previously continued for one year from September 1, 1936).

2. John H. Huffer, Tool-room Attendant in the Pattern Laboratory of the Department of Mechanical Engineering.

I recommend that they be continued in active service.

On motion of Mr. Moschel, these members of the staff were continued in service, as recommended.

BUDGET OF THE ATHLETIC ASSOCIATION FOR 1937-1938

(5) The budget of the Athletic Association, showing the estimated income and expenses for the fiscal year July 1, 1937, to June 30, 1938, is presented herewith and copies are being filed with the Secretary of the Board and the Comptroller for record.

Estimated Income.—The estimated income for 1937-1938 is \$186,155, as compared with \$183,222 for the year ended June 30, 1937.¹ This estimate of income appears conservative. In this connection it should be noted that the estimate of income in the 1936-1937 budget was \$143,680, whereas approximately \$40,000 more was realized.

Estimated Expense.—The proposed appropriations for 1937-1938 total \$184,871, as compared with the expenditures of \$176,068.72 for 1936-1937 plus \$2,051.65 for equipment, or a grand total of \$178,120.37. While the proposed expenditures are practically as much as the estimated income, with the substantial amount of surplus now on hand this budget is reasonable and safe.

The budget as submitted includes an item of \$5,000 for the purchase of a new cover for the football field. The total cost of this cover will be about \$9,200 and a separate special appropriation of \$4,200 from the Reserve Fund or current surplus of the Association was made by its Board of Directors to make up the balance. Since this is a non-recurring item, I advised the Athletic Association to omit the item of \$5,000 from its annual budget and treat the whole amount of \$9,200 as a special appropriation out of surplus as of June 30, 1937.

Salaries and Wages.—The salaries provided for in this budget for persons paid jointly by the Association and the University (which includes most of the Association staff) correspond to the salaries stated in the budgets of the University departments concerned.

The proposed adjustment in the wages of employees was submitted to Director C. S. Havens, of the Physical Plant Department, for comment, and he advises that this will cause no complications in relation to the employees in his department.

Contingencies.—At the suggestion of the Comptroller the Association has included in its budget a contingent item of \$2,000 (page 12) to take care of minor items which come up from time to time and thus avoid the necessity of presenting each of these items to the President of the University and the Board of Trustees for approval in advance.

I recommend that this budget be referred to the Finance Committee for study and pending its report that it be tentatively approved subject to any changes or adjustments which the Committee may recommend.

On motion of Mrs. Plumb, this recommendation was adopted.

ADJUSTMENTS IN 1936-1937 BUDGET OF THE ATHLETIC ASSOCIATION

(6) A report that the Board of Directors of the Athletic Association has made the following special appropriations from its Reserve Fund to supplement the budget for 1936-1937:

Basketball.....	\$ 100
Football.....	2 850
General Administration.....	500
Ice Rink.....	4 500
Track.....	500

¹This is incompletely stated as \$170,918.77 on page 1 of the budget submitted for record.

Wrestling.....	25
Maintenance.....	1 800
Publicity and Advertising.....	100
Policing Tennis Courts.....	300
Publicity Man for History of Mr. Huff's Life.....	500
Gold Baseballs for Championship Baseball Team.....	140
C. E. Bowen—car expense.....	250
Band.....	500

The following special appropriation has been made out of surplus as of June 30, 1937:

Football field cover..... \$9 200

I recommend approval of these adjustments.

On motion of Mr. Wieland, these adjustments were confirmed.

AUDITORIUM REPAIRS AND REMODELING

(7) Pursuant to the action of the Board of Trustees at its meeting on July 16, 1937, the Director of the Physical Plant Department is here to submit a report giving an estimate of the cost of repairs and improvements in the University Auditorium necessary to make the building safe and presentable for public use.

Mr. Havens presented the following report.

REPORT ON THE AUDITORIUM

In accordance with the report adopted by the Board of Trustees on July 16, 1937 (Minutes, page 314), we have estimated the cost of the program outlined at \$35,000. In this amount is approximately \$8,000 for reducing the curvature of the ceiling. This was included at Professor Watson's suggestion, in order to reduce the echo. I believe, however, that the Board was more interested in it as an improvement that would reduce the fire hazard and weight. The new area in the ceiling, as now planned, would be only 10 per cent (approximately) of the total wood framed surface area (including main roof), and 16 per cent of the ceiling. With the use of steel bar joists and plaster, however, it is doubtful if there would be any material reduction in weight accomplished.

On the other hand, practically all building codes and ordinances would require that if any but the most minor remodeling work were done on a building not up to code standards, then the entire building should be reconstructed to these standards. All modern building codes require structures for this type of occupancy to be of fireproof construction. Whether or not we are required to do so by law, the University should conform to such sound engineering practices as represented in the building codes. Accordingly, we cannot recommend the partial removal of combustible materials represented by the proposed reconstruction involved in changing the curvature of the ceiling.

Therefore, based on the above assumptions, one of the following alternatives may be chosen:

(1) Complete the balance of the work recommended by the Buildings and Grounds Committee (i.e., make structural changes and repairs to Auditorium ceiling and balcony framing; replace knob and tube wiring; replace existing acoustical material and redecorate interior). The total cost of this work would be approximately \$27,000. However, as stated above, although the fire hazard would be reduced, considerable risk would still remain.

(2) Completely fireproof the building. This would necessitate replacing the roof, ceiling, and balcony. Although we have not estimated this in detail, it is probable that the total cost would approach \$150,000, or more than the original cost of the building. Even if funds were available, we do not believe this would be justifiable because the seating capacity and stage facilities would still be entirely inadequate.

(3) The other alternative is to study the possibility of remodeling the building for other uses (such as a museum or administration building, etc.) and look forward to the provision of a new Auditorium on another site.

Conclusions

(1) If the Board wishes to proceed on the basis of the first alternative, additional fire prevention measures can be adopted, and the building may be available for use within a short period of time at a minimum of expense.

(2) If this is not acceptable, we recommend that studies be made contemplating: (a) remodeling the building in fireproof construction plus the addition of stage facilities; or (b) remodeling the building for other purposes (such as a museum, administration building, etc.). The latter would make it necessary to secure funds for the construction of a new Auditorium. The adoption of this alternate will result in the closing of the Auditorium during the present biennium, at least, and will require an adjustment in the program of the School of Physical Education in order that the George Huff Gymnasium and the Gymnasium Annex may be used for functions that have previously been held in the Auditorium.

C. S. HAVENS, *Director*
Physical Plant Department

On motion of Mr. Pogue, the Physical Plant Department was directed to continue its studies and to submit estimates of the cost of such remodeling and repairs as are necessary to make the Auditorium structurally safe, to eliminate the fire hazards, and to make the building in general satisfactory for student and public use as an auditorium; in the meantime, the Department was directed to keep the building closed until funds are available to do this work; and the special committee appointed to present to the Governor the text of the resolution relating to the proposed use of the Revolving Fund for new buildings was instructed to include in its presentation of the need for a supplementary State appropriation for buildings an item for the rehabilitation of the Auditorium.

REPORT OF FINANCE COMMITTEE

Mr. Moschel, for the Finance Committee, presented the following report.

A meeting of the Finance Committee was held at the Blackstone Hotel in Chicago on July 23, 1937. The following members of the Committee were present: Mr. Oscar G. Mayer, Chairman, Dr. Karl A. Meyer; also, President A. C. Willard and Comptroller Lloyd Morey.

The Committee considered the following matters:

1. Report of July 2, 1937, from First National Bank of Chicago on endowment investments: On advice of the bank the Committee recommends the following sales and purchases of securities:

		<i>Estimated proceeds</i>
<i>Sell:</i>		
\$ 5 000	Los Angeles School District, 3½%, 1952.....	\$ 5 212
5 000	Detroit City Railway, 5½%, 1944.....	5 375
5 000	Portland General Electric, 1st 5%, 1950.....	5 300
5 000	Wisconsin-Minn. Light & Power, 1st and Refunding, 5%, 1944	5 325
100	Associated Gas & Electric Debentures, 5%, 1968.....	45
1 000	Chicago & West Towns Ry. 1st 5%, 1937 (in default).....	110
	Cash on hand.....	3 282
	<i>Total</i>	<i>\$24 649</i>
		<i>Approximate cost</i>
<i>Buy:</i>		
\$10 000	Kansas Gas & Elec. Co., 1st 4½%, 1980 @ about 102½%.....	\$10 250
10 000	Super Power Co. of Illinois, 1st S F 4½%, 1970, @ about 105½%.....	10 550
2 000	Kansas Power & Light, 1st 4½%, 1965.....	2 180
2 000	Central Illinois Public Service Co., 1st & Ref., Series E, 5%, 1956 @ about 102.....	2 040
	<i>Total</i>	<i>\$25 020</i>

As immediate action was advisable the Executive Committee has authorized these transactions, and confirmation of their action is requested.

2. Securities now owned yielding less than $3\frac{1}{2}\%$: The Committee recommends that the following items be placed in line for sale when suitable items of reinvestment can be found, and that the First National Bank be asked to suggest the purchase of securities as replacements:

- \$ 3 000 Central Illinois Light Co. 1st $3\frac{1}{2}\%$, 1966. Market about 104 $\frac{1}{2}$
- 6 000 Cumberland Power & Light Co. 1st $3\frac{1}{2}\%$, 1966. Market about 97
- 10 000 City of New York, 4%, 1940. Market about 105
- 5 000 Pacific Gas & Electric Co. 1st $3\frac{1}{2}\%$, 1966. Market about 99 $\frac{1}{2}$

3. Proposals for sale of Martin farm:

(a) An offer of purchase at \$5,000, subject to commission at 5% (terms: cash \$1,000, balance in ten years with 3% interest), has been received. The Committee recommends that this proposal be not accepted.

(b) An inquiry has been received as to a price at which the farm would be sold. The Committee recommends sale of this farm at \$6,000 with \$1,000 cash, balance at the rate of \$500 per year at $4\frac{1}{2}\%$ interest; or as an alternative \$5,500 in cash.

4. Sale of Hart farm: The Committee recommends that this farm be offered for sale at an average price of \$15 per acre.

On motion of Mr. Moschel, this report and recommendations were approved, and the action of the Executive Committee confirmed.

REPORT OF COMMITTEE ON AGRICULTURE CONCERNING CARTER-PENNELLS FARMS

Mr. Pogue, for the Committee on Agriculture, presented the following report.

The Committee on Agriculture has considered the Fourteenth Annual Report of the Carter-Pennell Farms covering the farm year March 1, 1936, to February 28, 1937, referred to it by the Board of Trustees on April 14, 1937. As this report indicates, the net income of the two farms for that year was \$1,250.89, which is an increase of \$368.42 over the net income for the preceding year.

The Committee concurs in the recommendations of the Dean of the College of Agriculture that certain improvements in the farms be authorized (as summarized on page 241 of the Board Minutes of April 14, 1937), the cost to be charged to the income from the farms. The University has submitted to the Works Progress Administration a project proposal for aid in making certain of these improvements.

The Committee recommends that these specific improvements be authorized and that in general the policy be followed of keeping the farms in as good condition as is possible within the income they yield.

On motion of Mr. Pogue, this report and recommendations were approved.

At this point Mr. Adams withdrew from the meeting.

The Board resumed consideration of matters presented by the President of the University.

OFFER OF PROPERTY IN CHICAGO

(8) The Director of the Physical Plant Department recommends the purchase of the property at 1748 West Polk Street (which adjoins University property fronting on Polk Street between Wood and Hermitage, on which the University has recently constructed tennis courts), at a price of \$8,000. This is a three-story brick apartment building. Previous prices asked have been from \$12,500 to \$15,000.

There is an overdue mortgage on the property which with interest amounts to \$5,150; and delinquent taxes and penalties amounting to \$1,810. The bank which holds the mortgage has offered to give the University clear title to the property on the payment of \$700 to the owner for his equity and the assumption of all indebtedness against the property.

No action was taken on this recommendation.

LEAVES OF ABSENCE

(9) A recommendation that the following members of the staff be granted leaves of absence for the reasons and periods and under the conditions indicated in each case:

1. Research Assistant Professor Cloyde M. Smith, of the Department of Mining and Metallurgical Engineering, leave of absence, without pay, from July 25, 1937, until his return to the University, but not later than September 15, 1937.

2. Mrs. Mae E. Fork, Technician in the Department of Anatomy, an extension of her sick leave with pay from July 10 to August 1, 1937. (This will be in addition to her vacation allowance of one month and is being allowed in view of her thirteen years of service on the University staff.)

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

AMENDMENTS TO CONSTITUTION OF UNIVERSITY OF ILLINOIS FOUNDATION

(10) A report that the following amendments to the constitution of the University of Illinois Foundation were adopted at a special meeting of its Board of Directors held on July 23, 1937:

Amend Article II, Section 1, by substituting the word "eighteen" for the word "twelve" in the second line.

Amend Article II, Section 2, line 8, by changing the word "six" to "twelve" and the word "five" to "ten"; in other words, making the last clause of Section 2 read as follows: "and the remaining twelve directors, at least ten of whom must be members of the general Alumni Association, shall be elected by the Executive Committee of the General Alumni Association."

Amend Article II, Section 3, to read as follows: "SECTION 3. *Terms of Office of Directors.* The directors elected from the Board of Trustees shall serve for a period of three years beginning with the annual meeting of the University Board of Trustees next following their election and their terms shall be so arranged that the term of one Trustee director shall expire each year. The directors elected from the alumni shall serve for a period of three years beginning July 1 succeeding their election and their terms shall be so arranged that the terms of four directors shall expire each year. They shall be eligible for reelection. The directors elected at the beginning of this organization shall themselves determine by lot at their first meeting their terms of service."

Amend the first sentence of Article II, Section 7, as follows: "SECTION 7. *Meeting of the Board of Directors.* There shall be one regular meeting of the Board of Directors annually, either at the University at Commencement time or as soon as practicable thereafter, time and place to be selected by the president of the Foundation." The rest of the section to read as at present.

Amend Article II, Section 9, by changing the word "twelve" to "eighteen" in the second line.

Amend Article III, Section 2, by changing the second sentence to read as follows: "The president and vice president shall assume office on July 1 succeeding their election. The executive director's appointment shall begin September 1 following his election, unless otherwise specified by direct action of the Board." Also in the sixth line of this section, change "July" to "September."

On motion of Mr. Cleary, the Board concurred in these amendments.

**RESOLUTION CONCERNING UNIVERSITY OF ILLINOIS
BUILDING COMMISSION**

(11) The Board of Directors of the University of Illinois Foundation at a meeting held on July 23 adopted the following resolution concerning the University of Illinois Building Commission and the legislation relating thereto:

Whereas: Certain legislative proposals, known as Senate Bills 51, 52, 53, and 61, were prepared and introduced in the Senate of the Illinois Legislature at its last session for the purpose of creating the "University of Illinois Building Commission," a commission having as its sole objective the financing through an adequate bond issue and the building of certain specific projects, to wit, a Union building, sometimes called a Student Center, and much needed dormitories for housing University students at the University of Illinois, both self-liquidating projects; and

Whereas: Said University of Illinois Building Commission was vitally important to the University of Illinois in connection with the Union Building project because of the financial support which the Commission could have given said project through the issue of Bonds, thus making possible a grant from the United States Government as an aid in building said Union; and

Whereas: Through the congestion of legislative business at the end of the last session of the Illinois General Assembly ending June 30, 1937, Senate Bills Nos. 51, 52, 53, and 61, although passed by the Senate were never moved from second reading and voted upon in the House of Representatives and, therefore, the benefits to accrue to the University through this needed legislation have not been received;

Be it therefore resolved: That the Board of Directors of the University of Illinois Foundation, in special meeting assembled on this 23rd day of July, 1937, with a quorum present, deplors the failure of the General Assembly to pass said University of Illinois Building Commission legislation and moves the appointment by the Foundation President of a committee to wait upon His Excellency, the Governor of the State of Illinois, Honorable Henry Horner, and respectfully request that said Senate Bills Nos. 51, 52, 53, and 61, with the amendments proposed and accepted while said bills were pending, be made a part of the agenda of the next special session of the Illinois General Assembly if and when one is called.

This resolution was received for record.

**EQUIPMENT AND FURNISHINGS FOR THE MEDICAL
AND DENTAL BUILDING**

(12) A recommendation that the following purchases of equipment and furnishings for the Medical and Dental Building be authorized:

1. Three steam autoclaves, three instrument sterilizers, and two pairs of water sterilizers, from Wilmont Castle Company, the low bidder, at a price of \$4,474.88, f.o.b. building sidewalk.

2. Nine special steam instrument sterilizers according to prepared drawings and specifications, from the American Sterilizer Company, the low bidder, at a price of \$1,890.00, f.o.b. building sidewalk.

3. Operating room equipment for new surgical amphitheatre, from V. Mueller & Company, at a price of \$1,708.16, f.o.b. delivered.

4. Office chairs and costumers from W. B. Read and Company, the low bidder on University specifications, at a price of \$2,168.58.

5. Office desks and tables from W. B. Read and Company, the low bidder, at a price of \$2,332.40.

6. Steel stools (642), from the Royal Metal Manufacturing Company, the low bidder, at a price of \$1,095.18, f.o.b. delivered.

7. One projector, two microprojectors, and 28 microscopic accessory items, from Bausch and Lomb Optical Company, at a price of \$1,034.50.

On motion of Mrs. Plumb, these purchases were authorized.

PURCHASES AUTHORIZED AND RECOMMENDED

(13) A report of the following emergency purchases, amounting to \$1,000 or over, authorized by the President of the University under the Statutes:

1. New heating system for second floor of Men's Old Gymnasium and Men's Gymnasium, Annex—eight unit heaters—from C. A. Dunham Company, the low bidder, at a price of \$3,128.20.

2. Furnish and install marble and tile work in toilet room No. 123 Engineering Hall in accordance with plans and specifications by the Physical Plant Department by F. E. Gates Marble and Tile Company, the low bidder, at a price of \$1,027.00.

On motion of Mr. Wieland, the President's authorization of these purchases was confirmed.

3. A recommendation for the purchase of 135 student instrument cases for Dental Supply Room, from H. Gerstner and Sons, the low bidder, at a cost of \$1,987.50. These cases are sold to students through the supply room.

On motion of Mr. Pogue, this purchase was authorized.

LICENSE AGREEMENT WITH RESETTLEMENT ADMINISTRATION FOR USE OF POWER LINE

(14) A recommendation from the Dean of the College of Agriculture for the approval of an agreement with the Regional Office of the Resettlement Administration licensing the University to use a newly constructed power line belonging to the United States Government and located on the Dixon Springs Station.

On motion of Mrs. Plumb, this agreement was authorized.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(15) A report of the extension of the following agreements for cooperative investigations, the original agreement in each case having been approved by the Board of Trustees:

1. Agreement with the Utilities Research Commission for three cooperative research investigations to December 31, 1937. The projects and the amounts which the Commission has agreed to contribute for the continuation of the investigations are:

Case 23, Methods of Eliminating the Stretching of Lead Sheaths of High Voltage Cables.....	\$4 500
Case 31, Solubility of Boiler Waters.....	7 500
Case 34, Stack Gases.....	6 510

On motion of Mr. Moschel the extension of these agreements was confirmed.

AGREEMENT WITH THE ALUMINUM COMPANY OF AMERICA FOR A COOPERATIVE INVESTIGATION OF THE PHYSIOLOGICAL EFFECTS OF FLUORINE

(16) A recommendation from the Dean of the College of Agriculture for the approval of an agreement with the Aluminum Company of America for a cooperative investigation of The Physiological Effects of Fluorine with Particular Reference to the Use of Fluorine Insecticides in the Spraying of Fruits and Vegetables, to be carried on by the Agricultural Experiment Station.

The agreement is drawn for a period of one year beginning July 1, 1937, with provision for its extension, and the Company has agreed to contribute \$3,500 to cover the expenses of the investigation. The agreement conforms to all of the provisions of the statutes and policy of the University relating to such projects.

On motion of Mr. Wieland, this agreement was authorized.

INCREASE IN STUDENT FEES

(17) Pursuant to the instructions of the Board at its meeting on June 9, 1937 (Minutes, page 294), I have submitted to each member a report made by the Bureau of Institutional Research of the probable effect of an increase in the fees charged non-residents of Illinois to \$125 per semester in the undergraduate colleges and a corresponding appropriate increase in the fees charged non-residents of Illinois in the Colleges of Medicine, Dentistry, Pharmacy, and Law and in the Graduate School. A copy of this report and a copy of the report of the Committee on Fees and Scholarships presented at the meeting on June 9 are hereby given to the Secretary of the Board for record.

In view of the findings of the Bureau I am not prepared to recommend an increase in the fees of non-resident students.

No action was taken, but Mr. Cleary stated that at a subsequent Board meeting he would offer a motion to increase the fees charged non-residents of Illinois. This matter was made a special order of business for the September meeting.

RESOLUTION FROM ILLINOIS PRESS ASSOCIATION REQUESTING CHANGE IN NAME OF SCHOOL OF JOURNALISM

Mr. Cleary, for the Committee on General Policy, to which this resolution had been referred at a previous meeting, stated that the Committee requests more time for its consideration.

STUDENT MOTOR VEHICLE REGULATIONS

(18) A request for authority to make such appointments or adjustments in the staff as may be necessary to secure more effective enforcement of the motor vehicle regulations applying to undergraduate students.

On motion of Mr. Cleary, the Board voted to retain the present regulations; and the President of the University was authorized to take such steps as may be necessary to secure more effective enforcement thereof.

On motion of Mr. Wieland, an appropriation of \$2,000 was made from the General Reserve Fund for this purpose, by the following vote: Aye, Mr. Cleary, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Mr. Mayer, Dr. Meyer.

MASTER'S DEGREE IN ORTHODONTIA

(19) At its meeting on June 9, 1937 (Minutes, page 281), the Board requested further information on the proposal of the College of Dentistry that the time of the course Orthodontia 101 be extended a minimum of one-half time for an additional semester for candidates for the master's degree. Information is herewith submitted on the purpose of the increased time and how the fee of \$600 is determined, and I renew the recommendation of the University Senate that this extension of time be authorized.

On motion of Mr. Wieland, the recommendation of the University Senate was approved.

APPOINTMENTS IN VOCATIONAL EDUCATION

(20) A request that the President be authorized to make appointments in the field of vocational education (including agricultural, home economics, industrial, and commercial education) contingent upon the availability of State and Federal funds to pay the salaries and other expenses this work will involve. The State Board for Vocational Education has agreed to reimburse the Uni-

versity fully for one man in teacher training in the field of commercial education for one year provided funds are made available under the George-Deen Act pending in Congress and that the appointees, salaries, and other conditions are acceptable to the State Board.

On motion of Mr. Wieland, this authorization was granted.

APPOINTMENTS TO COLLEGE OF MEDICINE CLINICAL FACULTY

(21) A recommendation that the following appointments be made to the Clinical Faculty of the College of Medicine for the academic year beginning September 1, 1937, without salary, and that the President of the University be authorized to make such changes in this list as may be necessary.

On motion of Mr. Wieland, these appointments were made, as recommended, and the President of the University was authorized to make such changes as may be necessary from time to time.

Department of Anatomy

ARTHUR VALENTINE BERGQUIST, B.S., M.D., *Assistant* (1 year)
 SAMUEL JACOB BURROWS, M.D., *Assistant* (1 year)
 ROBERT EDWARD DYER, B.S., M.D., *Assistant* (1 year)
 JOSEPH DAVIS FARRINGTON, A.B., M.D., *Assistant* (1 year)
 HERMAN LOUIS MISHKIN,¹ B.S., M.D., *Assistant* (1 year)
 PHILIP THOREK,² B.S., M.D., *Assistant* (1 year)
 ARTHUR RUDOLPH WEIHE, B.S., M.D., *Assistant* (1 year)
 JACOB ABRAHAM GLASSMAN, B.S., M.D., *Assistant* (1 year)
 JOHN BERNARD ROTH,³ B.S., M.D., *Assistant* (1 year)

Department of Criminology, Social Hygiene, and Medical Jurisprudence

PAUL LOUIS SCHROEDER, B.S., M.D., *Professor and Head of Department, Director of the Institute for Juvenile Research* (1 year)
 RACHELLE S. YARROS, M.D., *Professor of Social Hygiene* (1 year)
 ANDREW WILSON BROWN, Ph.D., *Associate Professor* (1 year)
 GEORGE JOSEPH MOHR, B.S., M.D., *Associate Professor* (1 year)
 ROY GILMORE BARRICK, M.D., M.H.D., *Assistant Professor* (1 year)
 RICHARD LEOS JENKINS, A.B., M.D., *Assistant Professor of Juvenile Behavior* (1 year)
 MAXWELL GITELSON, B.S., M.D., *Assistant Professor of Juvenile Behavior* (1 year)
 THOMAS MORTON FRENCH, A.B., M.D., *Associate* (1 year)
 CHESTER WILLIAM DARROW, Ph.D., *Associate* (1 year)
 NOBEL GUSTAV JOHNSON, A.B., J.D., *Lecturer in Medical Jurisprudence* (1 year)
 RODNEY HOWE BRANDON, *Lecturer* (1 year)
 WARREN GARFIELD MURRAY, M.D., *Lecturer* (1 year)
 MAJOR H. WORTHINGTON,⁴ *Lecturer in Hospital Organization and Administration* (1 year)
 VERNE WESLEY LYON, Ph.B., M.S., *Instructor* (1 year)
 MARVIN SUKOV, A.B., M.D., *Instructor* (1 year)

Department of Dermatology

MAX SAMUEL WIEN, B.S., M.D., *Associate Professor* (1 year)
 MINNIE OBOLER PERLSTEIN, B.S., M.D., *Associate* (1 year)
 WILLIAM KENNETH FORD, M.D., *Instructor* (1 year)
 HENRY R. KRASNOW, M.D., *Instructor* (1 year)
 HENRY CHASKELL SCHORR, B.S., M.D., *Instructor* (1 year)

¹Also Instructor in Surgery.

²Also Assistant in Surgery.

³Also Assistant in Medicine.

⁴Also Managing Officer of the Research and Educational Hospital and Superintendent of the Dispensary.

Department of Laryngology, Rhinology, and Otology

JOHN JOSEPH THEOBALD, B.S., M.D., *Assistant Professor* (1 year)
 WALTER HENRY THEOBALD, B.S., M.D., *Assistant Professor* (1 year)
 SHERMAN LAWRENCE SHAPIRO, B.S., M.D., *Assistant Professor* (1 year)
 ERNEST A. BREDLAU, M.D., *Associate* (1 year)
 GEORGE SHAYNIN LIVINGSTON, M.S., M.D., *Associate* (1 year)
 NOAH FOX, B.S., M.D., *Associate* (1 year)
 IRWIN G. SPIESMAN, B.S., M.D., *Associate* (1 year)
 OLIVER EDWARD VAN ALVEA, M.D., *Associate* (1 year)
 ABRAHAM RISEL HOLLENDER, M.D., *Associate* (1 year)
 ARTHUR JETHRO COOMBS, A.B., M.D., *Instructor* (1 year)
 NOAH DANIEL FABRICANT, B.S., M.D., *Instructor* (1 year)
 JOHN W. HARNED, B.S., M.D., *Instructor* (1 year)
 PAUL HENRY HOLINGER, M.S., B.M., M.D., *Instructor in Bronchoscopy* (1 year)
 HAROLD LEO KLAUANS, B.S., M.D., *Instructor* (1 year)
 SAMUEL MORDECAI MORWITZ, B.S., M.D., *Instructor* (1 year)
 MAHLON PHELPS PALMER, B.S., M.D., *Instructor* (1 year)
 NELL TREVA PATTENGAL, B.S., M.D., *Instructor in Radium Therapy* (1 year)
 SYLVIO AMEDEO SCIARRETTA, B.S., M.D., *Instructor* (1 year)
 BRUNO BLUMKLOTZ, M.D., *Instructor* (1 year)
 SAMUEL PELUSE, B.S., M.D., *Instructor* (1 year)
 HAROLD JESSE CAWTHORNE, A.B., B.S., M.D., *Assistant* (1 year)
 JOSEPH STAGMAN, M.S., M.D., *Assistant* (1 year)
 JOHN WILLIAM WALL, B.S., M.D., *Assistant* (1 year)
 JOSEPH G. SCHOOLMAN, A.B., M.D., *Assistant* (1 year)
 LOUIS SAVITT, M.D., *Assistant* (1 year)

Department of Medicine

MAURICE LEWISON, M.D., *Professor of Physical Diagnosis* (Indefinite)
 SIDNEY STRAUSS, A.B., M.D., *Professor* (Indefinite)
 LEROY HENDRICK SLOAN, B.S., M.D., *Professor* (2 years)
 FRANK CHAUVET, M.D., *Associate Professor* (Indefinite)
 BENJAMIN GOLDBERG, M.D., *Associate Professor* (2 years)
 JACOB MEYER, M.S., M.D., *Associate Professor* (2 years)
 ISADORE PILOT,⁶ B.S., M.D., *Associate Professor* (2 years)
 ELLIS BENJAMIN FREILICH, M.D., *Associate Professor* (2 years)
 SAMUEL PERLSTEIN, M.D., *Associate Professor* (2 years)
 FRANK B. LUSK, A.M., M.D., *Associate Professor* (1 year)
 FRANKLIN S. WILSON, Ph.G., M.D., *Assistant Professor* (1 year)
 SAMUEL A. LEVINSON,⁶ M.S., M.D., *Assistant Professor* (1 year)
 ISIDORE A. RABENS, M.S., M.D., *Assistant Professor* (1 year)
 LOUIS FELDMAN, B.S., M.D., *Associate* (1 year)
 MOSES GOLDWASSER, M.D., *Associate* (1 year)
 DIETRICH KLEMPNER, M.D., *Associate* (1 year)
 TELL NELSON, M.D., M.S., *Associate* (1 year)
 BEN ZION RAPPAPORT, M.S., M.D., *Associate* (1 year)
 MAXIMILIAN T. BOLOTIN, B.S., M.D., *Associate* (1 year)
 OSCAR BENJAMIN RAGINS, B.S., M.D., *Associate* (1 year)
 HENRY ABRAHAM SIEGAL, B.S., M.D., *Associate* (1 year)
 ABE LOUIS AARONSON, M.D., M.S., *Instructor* (1 year)
 LEO E. AMTMAN, B.S., M.D., *Instructor* (1 year)
 ALICE CHILDS, B.S., M.D., *Instructor* (1 year)
 GEORGE CHARLES COE, B.S., M.D., *Instructor* (1 year)
 MYRTLE BARBARA CRUDIM, B.S., M.D., *Instructor* (1 year)
 GEORGE EDWARD DeTRANA, B.S., M.D., *Instructor* (1 year)
 HENRY PICKETT DORMAN, Ph.D., M.D., *Instructor* (1 year)
 IRVING DREYER,⁷ M.S., M.D., *Instructor* (1 year)
 MAX ELEAGER FISCH,⁸ M.S., M.D., *Instructor* (1 year)

⁶Also Associate Professor of Pathology, salary budget.⁶Also Director of the Hospital Laboratory, salary budget, and Associate Professor of Pathology.⁷Also Instructor in Pathology.⁸Also Instructor in Anatomy, salary budget.

JACOB W. FISCHER, B.S., M.D., *Instructor* (1 year)
 HYMEN WILLIAM GOLUB, B.S., M.D., *Instructor* (1 year)
 EUGENE GROSZ, M.D., *Instructor* (1 year)
 JULIUS A. GURVEY, B.S., M.D., *Instructor* (1 year)
 RUDOLPH HECHT, M.S., M.D., *Instructor* (1 year)
 ROBERT MOORE JONES, A.B., M.D., *Instructor* (1 year)
 MORRIS AARON KAPLAN, M.S., M.D., *Instructor* (1 year)
 HERMAN ABRAHAM LEVY, B.S., M.D., *Instructor* (1 year)
 JOHN CHARLES McMILLAN, B.S., M.D., *Instructor* (1 year)
 BENJAMIN PEARLMAN, B.S., M.D., *Instructor* (1 year)
 SAMUEL HENRY ROSENBLUM, B.S., M.D., *Instructor* (1 year)
 WILLIAM S. TIMBLIN, B.S., M.D., *Instructor* (1 year)
 IRVING E. STECK,⁹ M.S., M.D., *Instructor* (1 year)
 ARTHUR BERNSTEIN, B.S., M.D., *Assistant* (1 year)
 THOMAS JOSEPH CONLEY, B.S., M.D., *Assistant* (1 year)
 SAMUEL IRWIN DITKOWSKY, B.S., M.D., *Assistant* (1 year)
 LOUIS EDIDIN, B.S., M.D., *Assistant* (1 year)
 JOSEPH CHARLES EHRLICH, B.S., M.D., *Assistant* (1 year)
 EMANUEL JOSHUA FEINHANDLER, B.S., M.D., *Assistant* (1 year)
 LOUIS LEONARD FIORITO, B.S., M.D., *Assistant* (1 year)
 HAROLD MARK HOOVER, B.S., M.D., *Assistant* (1 year)
 WILLIAM FRANCIS JACOBS, A.B., B.S., M.D., *Assistant* (1 year)
 IRVING KAUFMAN, M.S., M.D., *Assistant* (1 year)
 LEO CARROLL LARKIN, M.D., *Assistant* (1 year)
 ARTHUR HARRY LEVINE, B.S., M.D., *Assistant* (1 year)
 HOWARD JACK LEVINE, B.S., M.D., *Assistant* (1 year)
 HERSHEL MEYER, B.S., M.D., *Assistant* (1 year)
 IVA GLENE MURPHY, A.B., M.D., *Assistant* (1 year)
 WILLIAM HOWARD NEWTON, B.S., M.D., *Assistant* (1 year)
 WILLIAM CHARLES O'CASEK, M.D., *Assistant* (1 year)
 JAMES EMMETT O'MALLEY, M.S., M.D., *Assistant* (1 year)
 BERNARD J. PASS, B.S., M.D., *Assistant* (1 year)
 CHARLES THEODORE POULSON, B.S., M.D., *Assistant* (1 year)
 RUDLA RIND, B.S., M.D., *Assistant* (1 year)
 ISRAEL IRVING RITTER, B.S., M.D., *Assistant* (1 year)
 EUGENE JOHN ROONEY, M.D., *Assistant* (1 year)
 JOHN BERNARD ROTH,¹⁰ B.S., M.D., *Assistant* (1 year)
 HAROLD XAVIAN RUBIN, B.S., M.D., *Assistant* (1 year)
 ABRAHAM HAPPY RUDOLPH, B.S., M.D., *Assistant* (1 year)
 ALEXANDER SANDERS, B.S., M.D., *Assistant* (1 year)
 MILTON CHARLES SCHELL, M.D., *Assistant* (1 year)
 HARRY ROBERT SCHWARTZ, B.S., M.D., *Assistant* (1 year)
 NORMAN SHUKE, B.S., M.D., *Assistant* (1 year)
 DAVID CHARLES SIMON, B.S., M.D., *Assistant* (1 year)
 JOHN D. SINGER, B.S., M.D., *Assistant* (1 year)
 MITCHELL ABRAHAM SPELLBERG, B.S., M.D., *Assistant* (1 year)
 LOUIS ARLINGTON TERMAN, B.S., M.D., *Assistant* (1 year)
 HORACE EDWARD TURNER,¹¹ B.S., M.D., *Assistant* (1 year)
 NORMAN WIEN, B.S., M.D., *Assistant* (1 year)
 MORRIS WEISS, M.D., *Assistant* (1 year)
 HOMER VERNON WILBURN, A.B., M.D., *Assistant* (1 year)
 ERNEST BERNARD WILLIAMS, B.S., M.D., *Assistant* (1 year)

Department of Neurology and Neurological Surgery

ROLAND PARKS MACKAY, A.B., M.D., *Associate Professor* (1 year)
 DAVID MORTIMER OLKON,¹² *Assistant Professor* (1 year)
 BEN WILLIAM LICHTENSTEIN, B.S., M.D., *Instructor* (1 year)
 HOWARD ZEITLIN,¹³ M.S., M.D., *Instructor* (1 year)
 JOSEPH SAMUEL MILLER, B.S., M.D., *Assistant* (1 year)

⁹Also Instructor in Physiology.

¹⁰Also Assistant in Anatomy.

¹¹Also Assistant in Orthopaedics.

¹²Also Assistant Professor of Psychiatry, salary budget.

¹³Also Instructor in Pathology.

Department of Obstetrics and Gynecology

WALTER CHARLES HAMMOND, M.D., *Assistant Professor* (1 year)
 JOHN MICHAEL LANG, M.D., *Assistant Professor* (1 year)
 ABRAHAM FAE LASH, M.D., Ph.D., *Assistant Professor* (1 year)
 CHARLES NEWBERGER, B.S., M.D., *Assistant Professor* (1 year)
 FRANK LEE STONE, M.D., *Assistant Professor* (1 year)
 ALFRED JULIAN KOBACK, M.S., M.D., *Associate* (1 year)
 SAMUEL KAPLAN, M.S., M.D., *Associate* (1 year)
 RICHARD A. LIFVENDAHL, B.S., M.D., *Associate* (1 year)
 MILTON J. SUMMERVILLE, A.B., M.D., *Associate* (1 year)
 ALFONS R. BACON, B.S., M.D., *Instructor* (1 year)
 MAT BLOOMFIELD, B.S., M.D., *Instructor* (1 year)
 GEORGE FIELDING HIBBERT, B.S., M.D., *Instructor* (1 year)
 MAURICE J. ROSE, B.S., M.D., *Instructor* (1 year)
 PHILIP FREDERIC SCHNEIDER, M.D., *Instructor* (1 year)
 CHARLES OTIS SMITH, A.B., B.S., M.D., *Instructor* (1 year)
 JOHN ROBERT WOLFF, M.D., *Instructor* (1 year)
 EDWARD CHARLES BERNELL, M.S., M.D., *Assistant* (1 year)
 EDWARD J. BOMZE, B.S., M.D., *Assistant* (1 year)
 CLAIR MARTIN CAREY, B.S., M.D., *Assistant* (1 year)
 PERCIVAL LEMON CLARK, M.S., M.D., *Assistant* (1 year)
 VINCENT CHARLES FREDA, B.S., M.D., *Assistant* (1 year)
 FREDERICK JOHN ROOS, M.D., *Assistant* (1 year)
 MILTON MORRIS SCHEFFLER, B.S., M.D., *Assistant* (1 year)
 LAVERNE MYRON WALLHEISER, B.S., M.D., *Assistant* (1 year)

Department of Ophthalmology

EPHRAIM KIRKPATRICK FINDLAY, C.M., M.D., *Professor* (1 year)
 PHILIP ALLEN HALPER, B.S., M.D., *Associate* (1 year)

Department of Orthopaedics

FRANK GEORGE MURPHY, B.S., M.D., *Assistant Professor* (1 year)
 DANIEL HAROLD LEVINTHAL, M.D., *Assistant Professor* (1 year)
 WILLIAM A. MARSHALL, B.S., M.D., *Associate* (1 year)
 WALTER RATHFON FISCHER, B.S., M.D., *Instructor* (1 year)
 LEO FREDERICK MILLER, B.S., M.D., *Instructor* (1 year)
 EVERETT ARTHUR GRIMMER, D.D.S., *Assistant in Dental Surgery* (1 year)
 SAMUEL PERRY ROGERS, A.B., M.D., *Assistant* (1 year)
 HORACE EDWARD TURNER,¹⁴ B.S., M.D., *Assistant* (1 year)

*Department of Pathology, Bacteriology, and Public Health**Pathology*

RICHARD HERMAN JAFFÉ, M.D., *Professor* (1 year)
 SAMUEL A. LEVINSON,¹⁵ M.S., M.D., *Associate Professor* (1 year)
 OTTO SAPHIR, M.D., *Associate Professor* (1 year)
 ROBERT LEON LADD, M.S., M.D., *Assistant Professor* (1 year)
 JERRY JOSEPH KEARNS, B.S., M.D., *Associate* (1 year)
 PERRY JULIUS MELNICK, M.S., M.D., *Associate* (1 year)
 VICTOR LEVINE, B.S., M.D., *Associate* (1 year)
 ROBERT PRESTON MACFATE,¹⁶ Ch.E., M.S., *Associate* (1 year)
 PAUL CHESTER BEAVER, Ph.D., *Instructor* (1 year)
 IRVING DREYER,¹⁷ M.S., M.D., *Instructor* (1 year)
 LOUIS GOODMAN, M.D., *Instructor* (1 year)
 REUBEN ISADORE KLEIN,¹⁸ M.S., M.D., *Instructor* (1 year)
 ALEX BENJAMIN RAGINS, M.S., M.D., *Instructor* (1 year)
 HOWARD ZEITLIN,¹⁹ B.S., M.D., *Instructor* (1 year)

¹⁴Also Assistant in Medicine.¹⁵Also Director of the Hospital Laboratory, salary budget, and Assistant Professor of Medicine.¹⁶Also Assistant Director of the Hospital Laboratory, salary budget.¹⁷Also Instructor in Medicine.¹⁸Also Instructor in Pediatrics.¹⁹Also Instructor in Neurology and Neurological Surgery.

MAX BERG, M.D., M.S., *Instructor* (1 year)
 EWIND WALTER DAHL, B.S., *Assistant* (1 year)

Bacteriology and Public Health

THOMAS GORDON HULL, Ph.D., *Assistant Professor* (1 year)
 SAMUEL CUSHING BEACH, M.D., *Associate* (1 year)
 MILTON HENRY KRONENBERG, B.S., M.D., *Associate* (1 year)
 CATHERINE VIRGINIA FISHER, Ph.D., *Associate* (1 year)
 HERBERT ELI MCDANIELS, Ph.D., *Associate* (1 year)
 SOL ROY ROSENTHAL, M.D., Ph.D., *Associate* (1 year)
 EMIL WEISS, M.D., Ph.D., *Associate* (1 year)
 WINSTON HARRIS TUCKER, Ph.D., M.D., *Associate* (1 year)
 CLARENCE WILLARD KLASSEN, B.S., *Associate* (1 year)
 FRANCES ANGELA, B.S., *Instructor* (1 year)
 G. HOWARD GOWEN, M.D., M.S., *Instructor* (1 year)
 NELL HIRSCHBERG, A.M., *Instructor* (1 year)
 EDWARD EDGAR PARK SEIDMON, Ph.G., M.D., M.S., *Instructor* (1 year)
 CARROLL W. STUART, D.D.S., M.S., M.D., *Instructor* (1 year)

Department of Pediatrics

HENRY EUGENE IRISH, M.D., *Professor* (Indefinite)
 MAURICE LAMM BLATT, M.D., *Professor* (Indefinite)
 JULIUS HAYES HESS, M.D., *Professor* (Indefinite)
 LESTER EDWARD BOWER, A.B., M.D., *Assistant Professor* (1 year)
 JOSEPH KAISER CALVIN, B.S., M.D., *Assistant Professor* (1 year)
 PHILIP ROSENBLUM, M.D., *Assistant Professor* (1 year)
 IRIS MCKY CHAMBERLAIN, M.D., *Associate* (1 year)
 BENJAMIN MORRIS GASUL, B.S., M.D., *Associate* (1 year)
 SOLOMON MAXWELL GOLDBERGER, M.D., *Associate* (1 year)
 SAMUEL JULIAN HOFFMAN, B.S., M.D., *Associate* (1 year)
 HARRY LEICHENGER, B.S., M.D., *Associate* (1 year)
 LOUIS SENDER ROBINS, B.S., M.D., *Associate* (1 year)
 THOMAS PAINE SALTIEL, B.S., M.D., *Associate* (1 year)
 GUSTAV FRANKEL WEINFELD, M.D., *Associate* (1 year)
 SOL M. ABELSON, B.S., M.D., *Instructor* (1 year)
 JACOB JOSEPH BARATZ, B.S., M.D., *Instructor* (1 year)
 LOUIS JOSEPH HALPERN, B.S., M.D., *Instructor* (1 year)
 HOWARD MATTHEW JACOBS, B.S., M.D., *Instructor* (1 year)
 REUBEN ISADORE KLEIN,²⁰ M.S., M.D., *Instructor* (1 year)
 BENJAMIN MORDECAI LEVIN, B.S., M.D., *Instructor* (1 year)
 SIDNEY OLDER LEVINSON, B.S., M.D., *Instructor* (1 year)
 EMANUEL PADNOS, B.S., M.D., *Instructor* (1 year)
 NORBERT PAUKER, B.S., M.D., *Instructor* (1 year)
 WILLIAM HARRIS REALS, M.D., *Instructor* (1 year)
 MAURICE SCHNEIDER, M.D., *Instructor* (1 year)
 RALPH SPAETH, B.S., M.D., *Instructor* (1 year)
 JOHN ANTHONY SULDANE, M.D., *Instructor* (1 year)
 CLARA DEBORAH TIGAY, A.B., M.D., *Instructor* (1 year)
 EDWARD STUART BAXTER, B.S., M.D., *Assistant* (1 year)
 SAMUEL JULIAN NICHAMIN, A.B., M.D., *Assistant* (1 year)
 IRVING BERNHARD RICHTER, B.S., M.D., *Assistant* (1 year)

Department of Pharmacology, Materia Medica, and Therapeutics

BERNARD FANTUS, M.S., M.D., *Professor of Therapeutics* (1 year)
 CLARENCE WEINERT MUEHLBERGER, Ph.D., *Lecturer in Toxicology* (1 year)
 VIRGIL ARNETT GANT, M.S., *Assistant* (1 year)

Department of Physiology

IRVING E. STECK,²¹ M.S., M.D., *Instructor* (1 year)

²⁰Also Instructor in Pathology.

²¹Also Instructor in Medicine.

Department of Psychiatry

ALFRED P. SOLOMON, A.B., M.D., *Assistant Professor* (1 year)
 SAMUEL HENRY KRAINES, B.S., M.D., *Associate* (1 year)
 JOSEPH CYRUS RHEINGOLD, M.S., M.D., *Associate* (1 year)
 RALPH HENRY KUHNS, B.S., M.D., *Instructor* (1 year)
 SAMUEL B. BRODER, M.S., M.D., *Instructor* (1 year)
 JACOB PASKIND, M.D., *Instructor* (1 year)
 ELLIS BONNELL, B.S., M.D., *Assistant* (1 year)
 MAURICE KAPLAN, B.S., M.D., *Assistant* (1 year)
 BERNARD SKORODIN, B.S., M.D., *Assistant* (1 year)

Department of Roentgenology

SAMUEL HERBERT RICHMAN, M.D., *Instructor* (1 year)
 ALFRED CAMPBELL LEDOUX, M.D., *Instructor* (1 year)

Department of Surgery

GEORGE DE TARNOWSKY, M.D., *Professor* (Indefinite)
 FREDERICK GEORGE DYAS, M.D., *Professor* (Indefinite)
 NELSON MORTIMER PERCY, M.D., *Professor* (Indefinite)
 JOHN DOUGLAS KOUCKY, M.S., M.D., *Associate Professor* (1 year)
 SELIM WALKER MCARTHUR, Ph.B., M.D., *Associate Professor* (1 year)
 ROBERT BRUCE MALCOLM, M.S., M.D., *Associate Professor* (1 year)
 LINDON SEED, M.S., M.D., *Associate Professor* (1 year)
 FRANK JOSEPH JIRKA, M.D., *Assistant Professor* (1 year)
 RALPH AUGUST KORDENAT, M.S., M.D., *Assistant Professor* (1 year)
 P. JOSEPH SARMA, M.S., M.D., *Assistant Professor* (1 year)
 WILL FERSON LYON, A.B., M.D., *Assistant Professor* (1 year)
 WILLIAM HENRY HAZLETT, M.D., *Assistant Professor* (1 year)
 JULIUS LEO SIVACK, M.D., *Assistant Professor* (1 year)
 RUDOLPH JUSTUS EMANUEL ODEN, A.B., M.D., *Assistant Professor* (1 year)
 BERNARD PORTIS, M.D., Ph.D., *Assistant Professor* (1 year)
 LOUIS WILLIAM SCHULTZ, D.D.S., B.S., M.D., *Assistant Professor* (1 year)
 HAROLD IRVING MEYER, A.B., B.S., M.D., *Assistant Professor* (1 year)
 BENJAMIN FRANKLIN CROUTCH, M.D., *Associate* (1 year)
 MINAS JOANNIDES, M.S., M.D., *Associate* (1 year)
 VIRGIL R. STEPHENS, M.S., M.D., *Associate* (1 year)
 GUSTAV LEOPOLD ZECHEL,²¹ M.D., *Associate* (1 year)
 CARLO SALVADORE SCUDERI, M.S., M.D., *Associate* (1 year)
 HENRY OSCAR WERNICKE, A.B., M.D., *Associate* (1 year)
 EMIL JAMES STEIN,²² M.D., *Associate* (1 year)
 RAYMOND GREEN, B.S., M.D., *Associate* (1 year)
 CARL OSCAR ALMQUIST, B.S., M.D., *Associate* (1 year)
 WILLIAM CARL BECK, A.B., B.M., M.D., *Associate* (1 year)
 FOSTER LAMONT MCMILLAN, B.S., M.D., *Associate* (1 year)
 GUY V. PONTIUS, B.S., M.D., *Associate* (1 year)
 COLQUITT OTIS RITCH, B.S., M.D., *Associate* (1 year)
 EUGENE LESTER BAKER, B.S., M.D., *Instructor* (1 year)
 CECIL DAVID BROWN, B.S., M.D., *Instructor* (1 year)
 RICHARD MILTON DAVISON, B.M., M.D., M.S., *Instructor* (1 year)
 PERCY JOSEPH DELANO, B.S., M.D., *Instructor* (1 year)
 MARVIN GEORGE FLANNERY, A.B., B.S., M.D., *Instructor* (1 year)
 EPHRAIM FRANK GOODMAN, B.S., M.D., *Instructor* (1 year)
 PAUL WEBB GREELEY, A.B., M.D., *Instructor* (1 year)
 ARTHUR ABRAHAM HALEVY, M.D., *Instructor* (1 year)
 DAVID SMEATON JAFFRAY, B.S., M.D., *Instructor* (1 year)
 JOHN EUGENE LOTSPIECH, B.S., M.D., *Instructor* (1 year)
 HERMAN LOUIS MISHKIN,²³ B.S., M.D., *Instructor* (1 year)
 DAVID HOWARD WAGNER, M.S., M.D., *Instructor* (1 year)

²¹Also Assistant Professor of Anatomy, salary budget.

²²Also Instructor in Anatomy, salary budget.

²³Also Assistant in Anatomy.

HENRY S. CAMBRIDGE, B.S., M.D., *Assistant* (1 year)
 HAROLD D. DYKHUIZEN, A.B., M.D., *Assistant* (1 year)
 GEORGE WILLIAM MARQUARDT, D.D.S., *Assistant in Oral Surgery* (1 year)
 RICHARD ARTHUR MATTHIES, B.S., M.D., *Assistant* (1 year)
 LESTER ALLEN RISKIND, B.S., M.D., *Assistant* (1 year)
 O. THEODORE ROBERG, JR., B.S., M.D., *Assistant* (1 year)
 EDWARD CLARENCE SAHLSTROM, D.D.S., *Assistant in Oral Surgery* (1 year)
 RAYMOND ELMER SORESENSEN, M.S., M.D., *Assistant* (1 year)
 EVERETT LEE STROHL, M.D., M.S., *Assistant* (1 year)
 PHILIP THOREK,²⁶ B.S., M.D., *Assistant* (1 year)

Urology

VINCENT JOHN O'CONOR, B.S., M.D., *Associate Professor* (1 year)
 JOHN T. GERNON, B.S., M.D., *Associate* (1 year)
 JOSEPH WALKON PLATIN, M.D., *Instructor* (1 year)
 FREDERICK WILLIAM SCHACHT, M.S., M.D., *Instructor* (1 year)
 JOSEPH STEPHEN DRABANSKI, B.S., M.D., *Assistant* (1 year)

DEMOLITION OF OLD MEDICAL AND DENTAL BUILDING AND USE OF PREMISES FOR PARK PURPOSES

(22) The Director of the Physical Plant Department makes the following recommendations:

1. That the lease of the Old Medical Building to the Goodwill Industries be terminated as soon as possible. This organization has been occupying the building for the past five years under a lease terminable by the University on thirty days' notice. It has requested the use of this building until the spring of 1938 with the understanding that it will take full responsibility of maintaining and operating the heating plant so that there will be no responsibility or financial obligation on the part of the University. The University charges no rent for the use of the building but only for services rendered in heating and operating it.

2. That the Physical Plant Department be authorized to have the Old Medical and Old Dental buildings razed on condition that this will be at no cost to the University.

3. That the Board of Trustees of the University of Illinois offer to grant any appropriate existing municipal corporation, park board, or other public authority, or any other public agency which may hereafter be established for the purpose of developing and maintaining a park system in the medical area of Chicago, a revocable license to enter upon the University's premises (the sites of the present Old Medical and Old Dental buildings) and to do whatever may be needed in accordance with the objectives of such authority in the development of a park area, but without the right to erect any permanent structures thereon except upon prior authorization by the Board of Trustees of the University of Illinois.

The Director recommends further that the Board do not convey the fee title to any municipal corporation, park board, or other public authority because (a) it is not believed that such agency needs fee title to accomplish its objectives, and (b) it is doubtful if the Board could justify a transfer of this valuable property in fee without an adequate consideration.

1. Mrs. Plumb moved that the request of the Goodwill Industries for the continuation of the lease of the Old Medical Building be approved on condition that the Goodwill Industries pay all outstanding indebtedness to the University for heat, light, and other services rendered, and that the Industries assume all future obligations for operation, maintenance, and public safety of the building. On roll call this motion was lost by the following vote: Aye, Mrs. Plumb; no, Mr. Cleary, Mr. Karraker, Mr. Moschel, Mr. Pogue, and Mr. Wieland; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Dr. Meyer.

²⁶Also Assistant in Anatomy.

2. On motion of Mr. Cleary, the Physical Plant Department was directed to proceed with the razing of the Old Medical and Dental Buildings as soon as possible after the Dental Building has been vacated, by securing bids on the same and awarding the contract for removing the buildings to the highest bidder who will demolish them in accordance with the University's specifications, or, if an acceptable proposal is not received, by applying to the Works Progress Administration for the approval of a project to raze these buildings, in either case on the condition that this be done at no expense to the University.

3. On motion of Mr. Cleary, the Physical Plant Department was directed to conduct negotiations with the University of Chicago relative to the exchange of the site of the Old Medical Building for the land at the southwest corner of Polk and Lincoln Streets now owned by the University of Chicago. Mrs. Plumb voted "No" on this motion.

The Board adjourned, to meet again on call of the President.

A. J. JANATA
Secretary, Pro Tempore

O. M. KARRAKER
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 27, 1937



The September meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Monday, September 27, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and, during part of the day, Mr. C. S. Havens, Director of the Physical Plant Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of July 16 and August 2, 1937. On motion of Mr. Adams, the minutes were approved as printed on pages 299 to 480 above.

**ACTION OF EXECUTIVE COMMITTEE AWARDING CONTRACT
FOR REALIGNMENT OF GREEN STREET**

The Secretary presented for record a minute of an action of the Executive Committee on August 17, 1937, awarding the contract for paving portions of Green Street at the intersections of Green Street with Wright Street and Mathews Avenue, to the lowest bidder, the General Paving Company, on the base bid of \$2,282, plus the alternate bid of \$2,221.38, or a total of \$4,503.38. The only other bidder was the F. A. Somers Company, with a base bid of \$2,450, alternate \$2,500, total \$4,950.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

**CONFERENCE WITH GOVERNOR CONCERNING STATE
APPROPRIATIONS AND UNIVERSITY BUDGET**

(1) At its meeting on August 2 the Board adopted a formal resolution in reply to the suggestion in the Governor's message accompanying his veto of the building items in the University's State appropriation for 1937-1939 passed by the General Assembly, that the Revolving Fund be used for the construction of new buildings. In accordance with the instructions of the Board, the special committee consisting of Mr. Mayer, Mrs. Plumb, and Mr. Willard, accompanied by Mr. Karraker, President of the Board, presented this resolution to the Governor at a conference on August 6. Considerable time was devoted at the conference to the discussion of the problems faced by the University due to increasing enrollment and the ways and means by which the University is attempting to strengthen its faculty and improve its instructional program by the appointment of more full-time and mature teachers in the place of part-time assistants. The Governor manifested a great interest in and appreciation of these problems, and the committee was gratified to have the opportunity to discuss with him the educational as well as the financial problems of the University.

The proposal that the Governor include in the call for a special session of the General Assembly provision for the consideration of an appropriation for buildings was discussed, but no definite conclusions were reached.

This report was received for record. It was the opinion of the Board that the President of the University should keep the building program before the Governor, and that he should carry forward the movement for a University of Illinois Building Commission, with authority to modify the proposed legislation as may be necessary, in conference with the University Counsel.

PROPOSED INCREASE IN STUDENT FEES

(2) At the meeting of the Board on August 2, 1937 (Minutes, page 472), a report was presented on the proposal to increase the fee charged non-residents of Illinois. Action on this was deferred, but Mr. Cleary stated that at the next meeting he would offer a motion that the non-resident fees would be increased. This matter was made a special order of business for the present meeting.

This matter was discussed at length. Mr. Cleary offered a motion that annual fees for students not residents of Illinois be established as follows, effective September 1, 1938: Undergraduate Colleges and Schools, \$250; College of Law, \$300; Colleges of Medicine and Dentistry, \$350; College of Pharmacy, \$250; Graduate School, \$250. On roll call, this motion failed by a vote of five to four.

AWARD OF C.P.A. CERTIFICATES

(3) A recommendation that the following candidates who have been certified by the Board of Examiners in Accountancy as having passed the C.P.A. examination in May, 1937, be awarded the certificate of Certified Public Accountant.

EDMUND JOHN APCEL
HOWARD ROBERTS BAGWELL
HUMPHREY MAHAN BARBOUR
ARTHUR BARTIZAL
JOHN A. T. BERNAUER
CHARLES M. BERNSTEIN
HAROLD WILLIAM BOEDEKER
HYMEN BREGAR
JULIAN BURNHAM
WILLIAM JAMES CROWLEY
NORMAN DAVID CURTIS
FRANK PATRICK DOHENY
HUBERT MESSINGER EITEL
WILLIAM NICHOLAS ERNZEN
GEORGE E. FAIERSON
FRANK B. FOLEY
JOHN FRANKLIN GIBBON
WILSON ARTHUR GIBSON
WALTER H. GIVENS
EDWARD DAVID GRUBER
WILLIS HAMPTON GUINN
WILLIAM ALFRED HAWKINS
CLIFFORD L. HAWORTH
FRANCIS MARION HILLIARD
ADOLPH L. HUMLICEK
DAVID TAYLOR HUTCHISON
LOUIS MCGLENTHEIN KESSLER
REUBEN KISSILOVE
KEITH HOWARD KITTLE
CYRIL ALFRED KRAMER
HARRY IRVING LANGSON
LLOYD JOSEPH LUCIA
EARL GRANT MCABERY, JR.
DONALD KYLE MCALLEN
RODMAN P. MCCLANAHAN

FRANCIS CLIFFORD MCCOARD
LOWRY FRANK MCKEE
EDWARD W. MEDBERY
JAMES ROGER MORRISON
WALLACE PETER MORS
FRANK HENDERSON MOSS
JOHN HOLMES MYERS
IRVING NELSON
ROY WILLARD OLSEN
JACKSON EVAN ORR
JAMES RAIM
BASIL REGIONE
JAMES MURRAY REID
RICHARD BRUNO ROMANI
AARON A. ROSENBERG
FRANK TABOR RUSSELL
AMOS LEHLE SAVAGE
MILTON ROBERT SCHACHTMAN
GEORGE BAPTY SELLERY
MORRIS SELMAN
GEORGE E. SHOUP
PAUL GRANT STEWART
JOSEPH FRANCIS SULLIVAN
SIDNEY ALEXANDER SUTTON
LESTER HERMAN SWANLUND
LORIN ASA TORREY
OLIVER MEINHARDT TOWNSEND
NELSON D. WAKEFIELD
PHILIP CECIL WARD
JAMES SAMUEL WARNER
CARLYLE FRANK WEINBERGER
JOHN FRANCIS WHALLEY
IRVING WILK
GRANT LIND WORTMAN

On motion of Mr. Adams, these certificates were awarded as recommended.

ADVISORY COMMITTEES IN THE COLLEGE OF COMMERCE

(4) A recommendation that the following advisory committees of the College of Commerce and Business Administration be appointed for the year, July 1, 1937, to June 30, 1938.

On motion of Mrs. Freeman, these committees were established and appointed as recommended.

Accountancy

ROBERT O. BERGER, Chicago
WILLIAM M. EDENS, Chicago
OTTO GRESSSENS, Chicago
H. C. HAWES, Chicago
C. E. JARCHOW, Chicago
WALTER M. LE CLEAR, Chicago
E. B. MCGUINN, Chicago
ARTHUR PERROW, Chicago
RUSSELL C. SWOPE, Chicago

Advertising

WALTHER BUCHEN, Chicago
HOMER J. BUCKLEY, Chicago
MURRAY E. CRAIN, Chicago
GEORGE HARTFORD, Chicago
HOWARD H. MONK, Rockford
WILLIAM H. OLDHAM, Chicago
G. R. SCHAEFFER, Chicago
L. EDWARD SCRIVEN, Chicago
ARTHUR E. TATHAM, Chicago

Banking

HARRY A. BRINKMAN, Chicago
 FRANK R. CURDA, Chicago
 WINFIELD C. GILMORE, Decatur
 WALTER LICHENSTEIN, Chicago
 S. NIRDLINGER, Galesburg
 FRANK C. RATHJE, Chicago
 JACOB F. SCHMIDT, Waterloo
 C. S. YOUNG, Chicago

Civic and Trade Organizations

JOHN H. CAMLIN, Rockford
 CARLETON G. FERRIS, Chicago
 EDWARD C. HEIDRICH, JR., Peoria
 ROBERT B. IRWIN, Springfield
 CLARENCE R. MILES, Chicago
 GEORGE W. ROSSETTER, Chicago
 LESLIE C. SMITH, Chicago
 SILAS H. STRAWN, Chicago
 HOWARD N. YATES, Aurora

Foreign Trade

E. M. BAILEY, Decatur
 R. W. BRUCE, Chicago
 C. C. COLDREN, Chicago
 E. R. DREVES, Chicago
 J. D. FLETCHER, Peoria
 T. E. HARRIS, Chicago
 F. L. MARSHALL, Chicago
 HARRY SALINGER, Chicago
 V. D. SEAMAN, Chicago

Governmental Finance

K. L. AMES, JR., Chicago
 NEWTON C. FARR, Chicago
 WALTER L. GREGORY, Chicago
 LOGAN HAY, Springfield
 C. C. LA RUE, Chicago
 FRANK O. LOWDEN, Oregon
 STERLING MORTON, Chicago
 FRANK E. PACKARD, Chicago
 DENEEN A. WATSON, Chicago

Industrial Management

G. F. BLANKENSHIP, Murphysboro
 E. BORNSTEIN, Peoria
 W. C. CHIPPS, Chicago
 JAMES L. DONNELLY, Chicago
 T. W. EDWARDS, Chicago
 ARTHUR S. MANN, Kankakee
 LUCIEN W. MUELLER, Decatur
 A. B. SEGUR, Oak Park

Insurance

FREDERICK BRUCHHOLZ, Chicago
 ROLLIN M. CLARK, Chicago
 RAY R. HAFFNER, Springfield
 GUY W. IRELAND, Bloomington
 JAMES S. KEMPER, Chicago
 GEORGE A. MCKINNEY, Alton
 GEORGE H. MOLONEY, Chicago
 EDWIN A. OLSON, Chicago
 J. HAWLEY WILSON, Peoria

Investments

MORTON BODFISH, Chicago
 RALPH CHAPMAN, Chicago
 O. P. DECKER, Chicago
 HANS P. GREISON, Savanna
 HARVEY T. HILL, Chicago
 HERBERT KAISER, Monticello
 PAT G. MORRIS, Chicago
 ROYAL F. MUNGER, Chicago
 WARD B. WHITLOCK, Springfield

Marketing

CYRUS M. ADLER, Chicago
 C. R. ALLEN, Chicago
 J. C. ASPLEY, Chicago
 E. W. LLOYD, Chicago
 F. H. MASSMANN, Chicago
 A. C. NIELSEN, Chicago
 J. F. O'KEEFE, Chicago
 HARRY T. WILLIS, Champaign
 R. E. WOOD, Chicago

Public Utilities

FRANK C. AMSBARY, JR., Champaign
 J. PAUL CLAYTON, Chicago
 J. A. CUNNINGHAM, Chicago
 JOHN W. KAPP, JR., Springfield
 R. F. KELKER, JR., Chicago
 A. J. PARSONS, Springfield
 A. E. PATTON, Chicago
 PAUL J. RAVEN, Chicago
 G. W. WELSH, East St. Louis

Transportation

C. C. CAMERON, Chicago
 SAMUEL O. DUNN, Chicago
 REED G. LANDIS, Chicago
 CHESTER G. MOORE, Chicago
 HENRY A. PALMER, Chicago
 THOMAS J. THOMAS, Chicago
 ALLEN VAN WYCK, East St. Louis
 LUTHER M. WALTER, Chicago

LEAVES OF ABSENCE

(5) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Mrs. Constance H. Edmundson, Stenographer in the Extension Service of the College of Agriculture, additional vacation without pay from noon of August 10 to August 16.

2. Miss Severina E. Nelson, Instructor in English, leave of absence from September 1 to November 20, 1937, with part pay, to enable her to complete her work for the degree of Doctor of Philosophy at the University of Wisconsin, where she had been studying during the summer of 1937. The sum of \$350 will be deducted from Miss Nelson's salary during the period of her absence, to be used by the Department for the employment of a substitute to teach her classes.

3. Miss Ruth Northcott, Junior Clerk in the Dispensary, College of Medicine, additional leave of absence without pay from August 24 to November 24, 1937, on account of illness.

4. C. W. Veach, Research Assistant in Agricultural Engineering, sick leave with full pay from August 19 through September 16, 1937, and leave of absence without pay from September 17 until further notice.

On motion of Mrs. Plumb, these leaves were granted as recommended.

LEAVE OF ABSENCE FOR JUDGE SVEINBJORN JOHNSON DEFERRED

(6) Judge Sveinbjorn Johnson, University Counsel, who has been granted sabbatical leave of absence with full pay for the second semester of 1937-1938 (Minutes, page 173), requests that this leave be deferred to such future time as may be mutually acceptable to the University and himself.

Several months ago, at the request of the Association of Land-Grant Colleges and Universities, he agreed to serve as counsel in certain litigation which was instituted to determine whether or not the salaries of members of the staffs of such institutions paid wholly or in part from Federal funds are taxable by the Federal Government. Since it is possible that his services may be needed at the time when he had originally planned to be abroad, he feels that he should forego his leave of absence until some future time.

I recommend that this leave of absence be deferred as requested.

On motion of Mr. Moschel, this recommendation was concurred in.

The President of the University was authorized to arrange for Judge Johnson's continuance as Director for Illinois of the National Emergency Council until December 31, 1937.

LETTER FROM DEAN M. T. McCLURE

(7) A letter from Dean M. T. McClure expressing his appreciation of the leave of absence granted him is submitted for the information of the Board.

This letter was received for record, and the President was requested to express the thanks of the Board to Professor A. B. Coble for his services during Dean McClure's absence.

APPROPRIATION FOR BUILDING STUDIES

(8) During the past two years the Physical Plant Department has been engaged in building studies including the remodeling of the old Union Building, repairing the Auditorium, the Library addition, the Chemistry addition, and a Biological Building, for which an appropriation of \$5,000 was made by the Board subject to release by the President of the University. The required work has run over the amount of the appropriation by \$100.88. I recommend that an assignment of this amount be made from the General Reserve Fund for this additional expense.

On motion of Mr. Adams, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

APPROPRIATION FOR GRADUATE SCHOOL

(9) A recommendation that an assignment of \$325 be made from the General Reserve Fund of the Graduate School for the purchase of office furniture. Provision for this was not made in the budget.

On motion of Mr. Pogue, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

OFFERS OF PROPERTY IN CHAMPAIGN AND URBANA

(10) The Director of the Physical Plant Department reports that the University has been offered certain property in Urbana at a price of \$3,750, as compared with a previous quotation of \$4,900. The property is 66 feet wide, 132 feet deep, and includes a house which rents for \$30 a month. It adjoins property now owned by the University. This is a parcel of land which the University would naturally wish to acquire in a long-term program. While no immediate use could be made of the property, the rental of the house if handled as a tenant property would probably care for the cost of maintenance. The price is reasonable.

Inquiry has been received from the attorney representing the owners of the title to another building used as a residence for men in Champaign, as to whether or not the University would be interested in purchasing this property as a dormitory for students. The property could probably be purchased at an attractive price. It houses approximately 100 students.

The University is primarily interested in raising the standard of housing and in increasing the facilities available to students for both room and board, rather than in taking over and operating existing properties. In the opinion of the Director of the Physical Plant Department, it is not advisable to purchase properties for the purpose of operating them as dormitories and rooming houses, but to invest such funds as may be available in the construction of new dormitories.

No action was taken on these offers.

PURCHASE OF TOP SOIL

(11) The City of Champaign has offered to sell the University 2,500 yards of top soil at 40 cents a yard from a storm drainage project which will soon be started. The Director of the Physical Plant Department recommends the purchase of this soil for use in developing a turf and establishing a more uniform grade on the area west of First Street and north of Stadium Drive. The drainage project which the City contemplates will provide storm drainage for the area in which the Stadium is located, and the purchase of the top soil would amount to a contribution from the University toward this improvement instead of an assessment, in addition to which the University would have the benefit of the top soil. If this recommendation is approved an assignment of \$1,000 from the General Reserve Fund will be necessary for the purchase of the soil.

On motion of Mr. Mayer, this purchase was authorized as recommended, and the appropriation was made by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

APPROPRIATION FOR MINOR IMPROVEMENTS

(12) A recommendation that an assignment of \$3,000 be made from the General Reserve Fund to the Physical Plant Department, to supplement the appropriation of \$10,000 made by the Board for this purpose on July 16, 1937. These items are for various necessary building improvements and remodeling of rooms.

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

REPAIRS TO AUDITORIUM

(13) The Director of the Physical Plant Department presents the following as alternative programs for repairs to the Auditorium:

1. Correction of roof, ceiling, and balcony framing, replacement of the knob and tube wiring, and redecorating the interior—estimated cost \$ 25 500
2. Items included in No. 1, plus reduction of curvature of ceiling—estimated cost 35 000
3. Make building fireproof with no change in seating capacity or stage facilities—approximate cost 125 000–150 000
4. Remodeling interior for use as Museum—approximate cost 200 000–300 000
5. Rebuilding, using only exterior walls, increasing seating capacity 50%, and providing stage facilities—approximate cost 640 000

Director Havens stated that the building could be put in a safe condition structurally, and the fire hazards arising from the wiring could be eliminated, at a cost of approximately \$25,500.

On motion of Mr. Adams, \$30,000, or so much thereof as may be needed, was appropriated from the General Reserve Fund for repairs to the Auditorium, including some provision for dressing rooms for artists. The appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

The matter of the repairs to University Hall was referred to the Committee on Buildings and Grounds for study and report.

SKATING RINK REPAIRS

(14) The Director of the Athletic Association and the Director of the Physical Plant report that the University Ice Skating Rink is in need of extensive repairs due to the corrosion of pipes under the concrete floor which carry the refrigerating liquid. The estimated cost of these repairs will be at least \$25,000 and may run higher. The Athletic Association has proposed that the University advance the funds to pay for a part of these repairs with the understanding that the Association will repay the University by assigning to it the net income from the operations of the rink and such other funds as it may have available.

The President of the University was requested to submit more exact estimates and to make a recommendation concerning these repairs.

PASTEUR MONUMENT IN CHICAGO PARK DISTRICT

(15) As reported to the Board at a previous meeting (June 9, 1937, Minutes, page 295), the Chicago Park District has offered the University the Pasteur monument which stands near the Field Museum. It would cost approximately \$4,500 to move this to the College of Medicine and to set it up on a suitable foundation.

The Chicago Park District was advised that the University would like to secure this statue, but would like to have more time, as the money was not then available for this purpose. The General Superintendent advises that a new roadway is under construction which will be a part of the south approach to the Outer Drive Bridge, and that if this monument is not moved within a short time it will be necessary to build a detour of the main pedestrian artery at that location. The Park District prefers not to detour the traffic by any special construction; consequently, the Superintendent has asked if the Board is now ready to consider accepting the statue.

On motion of Mr. Cleary, this matter was referred to the Com-

mittee on Chicago Departments, to ascertain whether the monument needs to be moved immediately and to make recommendations with respect to its location on University grounds.

At this point, Mr. Adams withdrew.

SITE OF OLD MEDICAL AND DENTAL BUILDINGS

(16) Pursuant to instructions of the Board (August 2, 1937, Minutes, page 480), the Director of the Physical Plant Department has negotiated with officials of the University of Chicago relative to the exchange of its property at Polk and Lincoln Streets for the site of the old Medical Building. They have indicated that if the University sells for commercial purposes the site of the old Dental Building, they might be willing to consider favorably the proposed exchange, but otherwise not.

The University has an inquiry from the National Commercial Leasing Company, received through Mrs. Plumb, concerning the purchase or lease of the site of the old Dental Building. This firm represents the Walgreen Company, which is interested either in purchasing (but at a price less than the \$300 per front foot stipulated by the Physical Plant Department) a part of the corner (40 by 100 feet), or in leasing this area at a rental of \$750 per year with an option to purchase at any time within fifteen years. The Director of the Physical Plant Department considers this offer unsatisfactory and recommends that it be rejected.

A proposal has also been received from Mr. Angelo Nicaastro offering the University \$30,000 for the Dental Building property, and \$20,000 for the old Medical Building—or \$50,000 for the two—this to include both land and buildings. He submits with his proposal a check for \$1,000 as earnest money on the offer.

The Board on August 2 (Minutes, page 480) authorized the Physical Plant Department to proceed with the razing of the old Medical and Dental Buildings either by securing bids on them or by applying to the Works Progress Administration for approval of a project to raze these buildings on condition that this be at no expense to the University. It appears inadvisable to do this as a W.P.A. Project because, should Federal aid be withdrawn while it is in progress, the University would have to assume the responsibility and cost of completing the work. Consequently the Physical Plant Department has secured and submits the following bids received from contractors for the two buildings. In the meantime, the Goodwill Industries, which was advised by the Physical Plant Department to vacate the old Medical Building by October 1, has requested permission to continue occupying this building for another month after that date.

<i>Bidder¹</i>	<i>Base Bid</i>	<i>Certified Check</i>
Advance Wrecking & Lbr. Co.....	\$1 475 00 (Ask)	\$200 00
Bosley Wrecking Co.....	1 00 (Bid)	\$200 00
Garden City Wrecking Co.....	3 527 00 (Ask)	None
J. M. Krauss Lbr. & Wreck. Co.....	950 00 (Ask)	\$200 00

On motion of Dr. Meyer, the Board voted to retain the old Medical and Dental property and to award the contract for the demolition of the buildings to the best bidder, the Bosley Wrecking Company, the work to be completed by June 1, 1938, and the Goodwill Industries to be permitted to occupy the old Medical Building until November 1, 1937.

At this point, Dr. Meyer withdrew.

BUDGET OF ATHLETIC ASSOCIATION

Mr. Mayer, for the Finance Committee, presented a recommendation that the item in the Athletic Association budget for a new cover for

¹Bid opening at 10 a.m. C.S.T., September 27, 1937, at office of the Physical Plant Department, 1853 West Polk Street, Chicago.

the football field be treated as a capital item to be paid out of surplus as of June 30, 1937, and that a contingent item of \$2,000 be provided to take care of minor items; and that with these provisions the budget of the Athletic Association be approved as presented to the Board on August 2, 1937 (Minutes, page 465).

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

INVESTMENT OF ENDOWMENT FUNDS

Mr. Mayer, for the Finance Committee, reported on investments of endowment funds as follows:

REPORT OF INVESTMENT SALES

<i>Par</i>	<i>Description</i>	<i>Price at which sold</i>	<i>Book value at time of sale</i>	<i>Amount realized from sale</i>	<i>Net profit</i>
\$ 5 000	Wisconsin and Minnesota Power and Light Company, 5%, 1944.....	106	\$5 067 75	\$5 300 00	\$232 25
\$ 5 000	City of Los Angeles California School District Bonds, 3½%, 1952.....	105+	5 138 17	5 253 36	115 19
\$ 5 000	Portland General Electric Company bonds, 5%, 1950	106	5 292 82	5 312 50	19 68
<u>\$15 000</u>	<i>Total</i>		<u>\$15 498 74</u>	<u>\$15 865 86</u>	<u>\$367 12</u>

REPORT OF INVESTMENT PURCHASES

<i>Par</i>	<i>Description</i>	<i>Price at which purchased</i>	<i>Yield</i>	<i>Book value</i>
\$2 000	Central Illinois Public Service Company, Series E, 5%, 1956.....	104	4.67	2 080 00
\$2 000	Kansas Power and Light Company, First S/F, 4¼%, 1965.....	109	3.96	2 180 00

The Committee recommends the sale of \$10,000 City of New York 4's of July 15, 1940, at the market (approximately 105) and the purchase of the following:

\$10,000 par Gulf States Utilities 4's of 1966 at 102.

\$10,000 par Public Service Company of Oklahoma, first A4's of 1966 at 101½.

\$10,000 Louisiana Power and Light first 5's of 1957 at 105½.

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

NAME OF SCHOOL OF JOURNALISM

Mr. Cleary, for the Committee on General Policy, presented the following report:

The Committee on General Policy believes that the University was justified in its action when it established the *School* of Journalism in 1927, even though an Act of the Legislature had directed the establishment of a *College* of Journalism, because;

(a) The correspondence and discussions which preceded this legislation referred alternately and apparently indiscriminately to a School of Journalism or a College of Journalism.

(b) There is no doubt of the intent of the Legislature to provide for a specialized division of the University devoted to the teaching of journalism, but it seems improbable that the Legislature intended to interfere with the normal prerogatives of the Board of Trustees and University officials in the internal administration of educational affairs.

(c) This view is supported by the fact that only \$15,000 a year for two years was appropriated for journalism. Attorney General Kerner, when asked for an opinion on this matter, writes:

"Section 2 directs that a course of instruction be offered which will best serve to train and equip persons for that profession. However, section 3, which appropriates \$30,000 for the biennium (\$15,000 a year) seems to be especially enlightening.

"Certainly with that sum of money, separate buildings could not be erected, and a dean and instructors for an entire four year course could hardly be employed for that small sum nor could many new volumes be added to a library.

"Of course, some instructors and perhaps a dean could be employed and a particular degree in journalism, if desired, be offered, but from the small amount appropriated, it is my notion the legislature evidently intended to direct the University to offer courses to students who had completed their preparatory work (high school or its equivalent) to best fit those students who wished to make journalism their profession, for that work, and grant a special degree."

(d) It is also significant that the designation of the School of Journalism has never been protested or criticized by the Legislature during all the intervening years.

The American Association of Schools and Departments of Journalism has thirty-two members. Designations used by the various institutions are as follows:

School of Journalism:

University of Georgia
University of Illinois
State University of Iowa
Louisiana State University
University of Missouri
Montana State University
University of Nebraska
Northwestern University
Ohio State University
University of Oklahoma
University of Oregon
University of Southern California
Syracuse University
University of Washington
University of Wisconsin

Graduate School of Journalism:

Columbia University

Division of Journalism:

Stanford University

Department of Journalism:

Boston University
University of Colorado
Indiana University
Iowa State College
University of Kansas
Kansas State College
University of Kentucky
University of Michigan
University of Minnesota
New York University
Pennsylvania State College
Rutger's University
University of Texas
Washington & Lee University

College of Journalism:

Marquette University

It is apparent that 15 institutions use the name "School of Journalism," 14 "Department of Journalism," and only one "College of Journalism."

Attorney General Kerner, in his four-page opinion on this subject, seems to leave the matter to the discretion of the University, saying, "From a reading of the entire act, it seems to me to make little difference whether this department of the University is called a 'school' or a 'college,' however, since the legislature has used the word 'college,' I should call the department by that name."

The Committee reports to the Board of Trustees that it sees no objection to the designation "College of Journalism" if President Willard and the University Senate believe that to be the proper designation from an educational standpoint, regardless of any pressure from the outside. We feel most strongly, however, that all matters of this kind should be decided on their educational and administrative merits solely. We do not believe that any group—political, industrial, or social—should dictate to the University, or should seek to have the Legislature impose their will on the University in matters of this kind.

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

MATTERS PRESENTED BY PRESIDENT WILLARD

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

EXPENDITURES ON MEDICAL AND DENTAL BUILDING

(17) A statement concerning the expenditures on account of the second unit of the new Medical and Dental College Laboratories building authorized July 16, 1937 (Minutes, page 310).

The Comptroller made a statement on this matter.

On motion of Mr. Mayer, the Board voted to modify its action of July 16, 1937 (Minutes, page 310), by rescinding the following authorizations:

1. That the payment of operation and maintenance expenditures on the second unit, not to exceed \$21,856.37, from the Foundation Revenue Fund be authorized.

2. That the Physical Plant Department operation and maintenance appropriation be reduced by this same amount.

The appropriation of \$21,856.37 made from the General Reserve Fund at that meeting is to stand.

This action was taken by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Wieland.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(18) As reported to the Board on July 16, 1937 (Minutes, page 310), regulations of the Federal Emergency Administration of Public Works required the payment of interest on the Medical and Dental College Building Trust bonds, due prior to the completion date, from the construction fund. This originally amounted to \$21,856.37, but the P.W.A. requires payment from the construction fund of interest up to September 1, instead of to June 30 as originally contemplated, which will further reduce the balance in the construction fund by approximately \$9,000. It is therefore necessary to withdraw the following change orders previously authorized as a charge against the construction fund and to charge the work covered by them to the special appropriation made by the Board on July 16, and consequently these change orders should be withdrawn:

Plumbing—Contract Change Order No. 21.....	\$ 230 00
Heating—Contract Change Order No. 15.....	7 315 00
Ventilating—Contract Change Order No. 8.....	1 892 00
Electrical—Contract Change Order No. 15.....	511 89

On motion of Mrs. Plumb, the following resolution was adopted:

Be it resolved, that the resolution adopted July 16, 1937 (Minutes, pages 312-313), authorizing and ratifying contract change orders Plumbing, No. 21, Heating, No. 15, Ventilating, No. 8, Electrical, No. 15, on the second unit of the Medical and Dental College Laboratories Building in process of construction as Illinois Public Works Administration Project No. 1057, be modified and rescinded with respect to the four items specified herein, and that the work covered by them be charged to a special appropriation made by the Board of Trustees on July 16, 1937, as recommended.

NAMING OF UNIVERSITY BUILDINGS

(19) The Director of the Physical Plant Department recommends the following names for buildings which have no official designation:

The building containing the Illumination Laboratory and the High Tension Laboratory to be named "Electrical Engineering Annex."

The building sometimes called the Metal Shop or the Machine Laboratory to be named "Machine Tool Laboratory."

The residence building at 1206 West Springfield Avenue to be named "Visual Aids Building."

On motion of Mr. Moschel, these names were approved and adopted.

**AGREEMENT WITH CERAMIC FOUNDATION FOR INVESTIGATION OF
"SOME FACTORS CONTROLLING THE USES OF CLAYS"**

(20) The Dean of the College of Engineering recommends approval of an agreement with the Ceramic Foundation of Columbus, Ohio, for an investigation of "Some Factors Controlling the Uses of Clays" by the Engineering Experiment Station.

This agreement is drawn for a period of two years beginning September 1, 1937, and the Foundation agrees to pay the University \$750 a year for the employment of a Special Research Graduate Assistant and for the purchase of such supplies as may be required in the investigation. The agreement conforms in all respects to the University Statutes and policies relating to such investigations, and I recommend approval.

On motion of Mrs. Freeman, the execution of this agreement was authorized.

PAYMENT OF TAXES ON HART FARM

(21) The University has acquired through foreclosure of a mortgage held in its endowment funds property in Franklin County known as the Hart Farm. The unpaid taxes on this farm, including penalties, amount to \$884.56. In connection with taking over this farm the University acquired from Mr. M. M. Hart certain warrants issued him by Franklin County for his services as State's Attorney, having a face value of \$4,125, which he assigned to the University in partial payment of the mortgage. There is no certainty as to when these can be paid.

Since the delinquent taxes on the farm must be cleared up before it can be sold, the Comptroller recommends the exchange of Franklin County warrants, at face value, for as much of the total tax and penalties, approximately \$885, as are now due and payable. This will prevent the accumulation of further penalties. The Comptroller has endeavored to have the penalties removed or reduced but cannot secure such concession unless the taxes are paid in cash. County officials will not strike off the penalties if they accept warrants in payment of the taxes due.

On motion of Mr. Moschel, this payment was authorized as recommended.

BIDS ON COMPETITIVE PURCHASES

(22) A report for the information of the Board, and for record, that the Sixtieth General Assembly passed an act, approved June 14, 1937, requiring every officer or person in charge of purchase of materials, etc. (other than fuel, stationery, and printing for State institutions), for any institution owned or operated by the State or any municipal corporation or political subdivision thereof, to add an amount equal to the tax which a bidder would be subject to pay under the Retailers' Occupation Tax Act to the amount of the bids of non-resident bidders. If such bid is still the lowest and best bid, quality considered, then contract is to be awarded in accordance with original submitted bid.

This report was received for record.

PURCHASES AUTHORIZED

(23) A report of the following emergency purchases, amounting to \$1,000 or over, authorized by the President of the University under the Statutes:

1. One carload of pipe and fittings for the Physical Plant Storeroom from the Chicago Tube and Iron Company, Chicago, the low bidder, at a price of \$1,795.03, f.o.b. Urbana.

2. Four-hundred and fifty-six steel lockers (12" x 15" x 36") for George Huff Gymnasium, from the Lyon Metal Products Incorporated, Aurora, Illinois, the low bidder, at a price of \$1,231.20, delivered and installed.

3. Twenty-five Model "BI-M" Wide Field Binocular Microscopes with accessories, from E. Leitz, Inc., at a price of \$2,882.25. This is a non-competitive item. Last year as a result of investigating various microscopes the Department selected the E. Leitz, Inc. instrument as best suited to their requirements. At that time the purchase was authorized by the Board of Trustees.

4. Two Model No. 151-2 Extra Heavy Duty Magic Chef Gas Ranges, with radiation type ovens, having automatic oven safety pilot lights and uniform heat tops; one Model No. 101-2 Extra Heavy Duty Magic Chef Gas Range, with radiation type oven, having automatic oven safety pilot light and center fire hot top; one single desk elevated shelf full length of ranges; one Model No. 614-6 Magic Chef Griddle, Broiler and Toaster—all to have stainless steel fronts, from Illinois Iowa Power Company, Champaign, the lowest bidder, at a price of \$1,403.85.

5. The following equipment for the second unit of the Medical and Dental College Laboratories, from E. H. Sargent & Company:

9 Electric Water Baths as specified	}	\$3 847 50
19 Electric Incubators as specified		
7 Size 2 International Centrifuges, with specified accessories.....		2 197 60
4 Size 1 International Centrifuges, with specified accessories.....		943 12

The Centrifuges are manufactured by the International Equipment Company and sold through recognized dealers at controlled prices. All bids were based upon list price, less 15% quantity discount. The Water Baths and Incubators are manufactured by the Chicago Surgical and Electrical Company and sold through recognized dealers at controlled prices. In all cases the E. H. Sargent & Company was selected because of the service it can render.

6. Sixty-eight special adapters for attachment of present S. S. White Dental Engines to new Laboratory Benches, from the S. S. White Dental Manufacturing Company, at a total price of \$1,377.00.

7. Printing and binding of five hundred copies of "Goethe in Modern France" by Flora Emma Ross, Illinois Studies in Language and Literature, Vol. XXI, Nos. 3-4, from the George Banta Publishing Company, Menasha, Wisconsin, at a total cost of \$1,227.82.

8. Twenty-five microscopes in leather-covered carrying cases for students in the College of Dentistry, from Bausch & Lomb Optical Company, at a price of \$2,659. The College of Dentistry requires each student to be supplied with a satisfactory type of microscope and these will be resold to students through the Dental Supply Storeroom. The sale price of each microscope will be recovered within the current school year.

On motion of Mrs. Plumb, the action of the President of the University in authorizing these purchases was confirmed.

PURCHASES RECOMMENDED

(24) A recommendation that the following purchases be authorized:

1. One-hundred fifty-one Feeding Lambs, from Adam McWilliam of Toulon, Illinois, at a price of \$10.25 per 100 pounds. When the order was issued it was estimated that the cost would be \$900; however, the total weight exceeded the estimate and the final cost will be \$1,086.51.

2. One Model No. 6383 Keyboard Graphotype (machine for embossing addressograph plates), from the Addressograph Company, Peoria, Illinois, at a total cost of \$1,150.40 f.o.b. Urbana. This is a non-competitive item and can be obtained from the Addressograph Company only.

3. One 100,000 pound Universal Testing Machine, from American Machine and Metals, Inc. (Riehle Testing Machine Division), the lowest bidder, for the

Department of Theoretical and Applied Mechanics, to be shipped from East Moline, Illinois, at a net price of \$4,529.25.

4. One Norton Hydraulic Surface Grinding Machine, 6" x 18", with hydraulic table traverse and automatic cross feed, complete with chuck and motor, from Marshall and Huschart Machinery Company, Chicago (Agent for the Norton Company), at a price of \$1,242 f.o.b. Worcester, Massachusetts.

5. Two hundred ten squares 9" x 18"— $\frac{1}{4}$ " thick Black Asbestos Shingles and 800 lin. ft. Starters for same, for the Physical Plant Department, from the Johns Manville Sales Corporation, Chicago, the lowest bidder, at a price of \$2,261.48 f.o.b. Urbana.

6. Twenty Leitz microscopes, from E. Leitz, Inc., at a total price, less allowance for old microscopes which will be turned in as part payment, of \$3,084.80.

7. One Rolling-load Rail Testing Machine, for use in the investigation of continuous welded rails by the Department of Theoretical and Applied Mechanics, to be built by the Physical Plant Department, the lowest bidder, at a price of \$1,555. Sealed bids were secured from two Urbana manufacturers and from the Physical Plant Department, whose bid is lowest.

8. 3,220 Diploma Covers, from W. M. Welch Manufacturing Company, the lowest bidder, at a price of 77¢ each, or \$2,479.40.

9. One hundred ten Choice Hereford Feeder Calves, from St. Louis Producers, at a price of \$9.25 per hundredweight f.o.b. Texas loading point. The total amount will be approximately \$4,500.

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

PURCHASE OF COAL FOR THE URBANA DEPARTMENTS

(25) The following report of bids received, and opened on September 22, 1937, on the University's coal requirements for the Urbana departments for the period from October 1, 1937, to June 30, 1938:

RAIL MINES

Name	Tons	Shipping Point	Price f.o.b. mine	Freight	Total
Bell & Zoller Coal Company .	1 500	Ziegler	\$1 80	\$1 70	\$3 50
Franklin County Coal Corp..	1 500	{Energy or Royaltan}	1 80	1 70	3 50
Peabody Coal Co.....	35 000	Westville	1 35	60	1 95
Penwell Coal Mining Co.	10 000	Pana	1 50	1 08	2 58
Shippers Fuel Corp.....	20 000	Grays	1 20	60	1 80
Tilton Mining Co.....	8 000	Tilton	1 35	60	1 95

TRUCKED COAL

Name	Tons	Delivered Price
Albert Block.....	1 500	\$2 25
Ralph Cook.....	2 000	1 78
Crawford Coal Company.....	2 500	1 95
F. B. & M. Coal Company.....	1 500	2 58
Lawrence Kerans.....	1 500	2 20
Washington Martin.....	1 500	1 75
Oakwood Coal Company.....	7 000	1 95
Willard Stigall.....	4 000	2 40

The Purchasing Agent and the Comptroller recommend the award of contracts to the three low bidders as follows:

Shippers Fuel Corporation, Chicago:

20,000 tons (to be shipped by rail from Grays, west of

Danville on the Illinois Ter-

minal Railroad)..... \$1 20 per ton f.o.b. mine; \$1 80 per ton delivered

Ralph Cook, Sidney, Illinois:

2,000 tons, delivered by truck..... \$1 78 per ton delivered

Washington Martin, Champaign:

1,500 tons, delivered by truck..... \$1 75 per ton delivered

The tonnage provided by the proposed contracts (23,500 tons, 10% more or less) will probably not take care of our entire requirements for the period, which are estimated at 30,000 tons. Due, however, to the uncertain condition with respect to wagon mines because of Federal regulations, it does not appear that the other bids submitted represent as favorable a price as may be available later when the mines are producing domestic sizes and have a surplus of screenings. It is proposed, therefore, that the needs over the quantity contracted for be purchased in the open market.

The Bituminous Coal Act of 1937 (Guffey bill) provides that "From and after the date of approval of this Act, until prices shall have been established . . . no contract for the sale of coal shall be made providing for delivery for a period longer than thirty days from the date of the contract."

Any contract that is made at this time must be made subject to the above act, and must provide that when prices are established under the act the contract price will become the established minimum price but that the University at its option may cancel the contract. It is not known just when the prices will be established.

Proposals inviting sealed bids for supplying not less than 1,500 tons or more than approximately 35,000 tons of screenings coal were sent to 375 operators and dealers. Bids were received from six operators shipping by rail and eight truck operators, as stated above.

On motion of Mr. Mayer, these contracts were awarded as recommended, subject to the approval of Governor Horner as required by the Constitution.

COMPTROLLER'S REPORT OF CONTRACTS

(26) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER NOT PREVIOUSLY

AUTHORIZED BY THE BOARD JULY 13, 1937, TO

SEPTEMBER 20, 1937

Minor contracts executed under general regulations of Board of Trustees.

<i>With whom</i>	<i>For</i>	<i>Amount</i>	<i>Date</i>
Walter Ingstrup Co.	Painting and decorating work in Chicago Departments	\$4 267 90	July 10, 1937
Ferro Enamel Corp.	Agreement covering establishment of fellowship in Ceramic Engineering	1 000 00 to be received	September 1, 1937

Leases executed under general regulations of Board of Trustees.

<i>With whom</i>	<i>Property</i>	<i>Tenure</i>	<i>Amount to be received by University</i>	<i>Date</i>
Mary N. Bailie.	1204 W. Green St., Urbana	July 1, 1937, to June 30, 1938	\$600	July 30, 1937
S. C. Titus.	1202 W. Green St., Urbana	July 1, 1937, to June 30, 1938	600	July 24, 1937
Mrs. Frank Schmutzler.	1204 W. Springfield Avenue, Urbana	July 30, 1937, to August 31, 1938	650	July 30, 1937

This report was received for record.

SECRETARY'S REPORT OF CONTRACTS

(27) The Secretary presents the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
American Seating Co.....	June 23, 1937	\$1 169 54	Amphitheatre seating, Medical and Dental Building, Chicago.
General Paving Co.....	August 16, 1937	4 503 38	Paving portions of Green Street between Mathews and Wright Streets, Urbana.
Marshall Field and Co.....	June 23, 1937	3 373 25	Furnishings for Medical and Dental Building, Chicago.
Heywood-Wakefield Co.....	June 23, 1937	1 484 41	Classroom chairs, Medical and Dental Building, Chicago.
Horders, Inc.....	June 23, 1937	72 00	Desks, Medical and Dental Building, Chicago.
Newton and Hoyt Furniture Co....	June 23, 1937	780 70	Furnishings for Medical and Dental Building, Chicago.
Pittsburgh Plate Glass Co.....	June 23, 1937	1 846 00	Mirrors, Medical and Dental Building, Chicago.

This report was received for record.

PATENT OF PHOTOELECTRIC CELL

(28) Dr. Jakob Kunz, Dr. Joseph T. Tykociner, and Mr. Lloyd Garner, working together, have discovered a process for the manufacture of a photoelectric cell many times more sensitive than the standard cells now in use. The Faculty Committee on Patents has given careful consideration to this discovery and is of the opinion that it is meritorious and definitely has prospects of having commercial value, if a patent be obtained. The Committee recommends that an application for a patent be authorized by the Board.

As Mr. Garner, a former member of the staff of the Department of Electrical Engineering, is not in the employ of the University, he has executed an agreement to join with Messrs. Kunz and Tykociner in an application for a patent on this discovery and to assign and transfer his interest therein to the Board of Trustees of the University. The original copy of this agreement is hereby given to the Secretary of the Board for safekeeping. Similar assignments will be made by the other two discoverers in accordance with the Statutes of the University.

On motion of Mr. Mayer, an application for a patent on this invention was authorized.

PATENT OF SPECIFICS AGAINST STREPTOCOCCUS INFECTION

(29) Researches conducted in the Department of Chemistry on specifics against streptococcus infection give promise of discoveries which will be important in the field of medicine. Such discoveries as have been made at this stage do not give promise of commercial value. Inasmuch as it is important to protect this field of research while further experimentation is conducted, the Faculty Committee on Patents has voted, on the recommendation of Professor Roger Adams, to recommend to the Board of Trustees that patent protection be obtained.

On motion of Mrs. Freeman, this application was authorized.

STATUS OF DEVELOPMENT OF GRANT SEWER PIPE JOINT FILLER BY BERRY ASPHALT COMPANY

(30) The University is owner of a patent for a sewer pipe joint filler discovered by Mr. Francis R. Grant while a member of the University staff and assigned by him to the Board of Trustees. In order to determine the commercial value of this patent the Berry Asphalt Company was given the exclusive right to manufacture this product without the payment of royalties but on the

condition that it notify the Board of Trustees within one year whether the patent possesses any commercial value. Correspondence has been had with the company relative to the status of this matter, but it appears that without extended investigation in Chicago, information cannot be secured as a basis of a report and recommendation that would be of any particular value. I therefore recommend that this matter be referred to the Board Committee on Patents for investigation and report.

On motion of Mrs. Plumb, this matter was referred to the Board Committee on Patents.

ASSIGNMENT OF HARRISON A. RUEHE PATENT

(31) A report from the Secretary of the Board that he has received the assignment to the Board of Trustees of the University of Illinois of the Harrison A. Ruehe application, Method for Producing Diacetyl in Solution and for Controlling the Flavor of Dairy Butter and Other Edibles Therewith, which was recorded August 25, 1937, in Liber X 171, page 628, of Transfers of Patents in the United States Patent Office.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(32) The quarterly report of the Comptroller to the Board of Trustees as of June 30, 1937.

This report was referred to the Finance Committee for consideration and report.

GIFTS TO THE UNIVERSITY

(33) A report of the following gifts received by the University since the last report was received by the Board:

1. The Geological Society of America grants to members of the Department of Geology:

(a) Associate Professor Shepard, \$10,000 to aid in his oceanographic research.

(b) Professor T. T. Quirke, \$983.50 to aid in his studies of index of refraction of opaque or nearly opaque substances by reflection.

2. Binks Manufacturing Company of Chicago, a spray gun for the application of vitreous enamels on metals, valued at approximately \$38, which is being given the Department of Ceramic Engineering.

3. Dr. William Allen Pusey, Professor of Dermatology, *Emeritus*, his library consisting of 1,200 books and a considerable number of other publications to the College of Medicine Library.

4. Peshurst Farm, Narberth, Pennsylvania, one Ayrshire bull valued at \$500.

5. Eli Lilly Company, \$750 for the establishment of a Lilly Research Fellowship in Chemistry for 1937-1938.

6. Hays Corporation of Michigan City, Indiana, a Hays Improved Gas Analyzer. (The usual selling price of the analyzer is about \$50.)

7. The Aerofin Corporation, cooling coils estimated to have a retail value of more than \$300.

8. American Society of Heating and Ventilating Engineers, \$250 for research work on summer cooling.

9. Institute of American Poultry Industries, \$30 for a review of literature on poultry and eggs. This is an addition to an offer previously accepted.

10. Portland Cement Association, \$300 for research work on rigid frame structures. This is an addition to an offer previously accepted.

11. Nutrition Research Laboratories, \$566.68 to be added to the Vitamin D Fund.

12. Illinois Congress of Parents and Teachers, \$400 for the renewal of its scholarship.

13. Continental Oil Company, \$750 for the renewal of the Continental Oil Fellowship for the period of twelve months beginning July 1, 1937, to assist

Professor George L. Clark, of the Department of Chemistry, in his research work.

14. George Davis Bivin Foundation, \$600 for a fellowship to assist Dr. H. H. Anderson, Assistant Professor in the Department of Psychology, in his research program in the mental hygiene of children.

15. Mrs. Lorado Taft, loan of four of the figures of the ensemble which was to be the "Fountain of Creation" on which the late Lorado Taft had been working and which was to stand at the east end of the Midway in Chicago. These figures will remain the property of the University unless the plans for the completion of the ensemble should go ahead, in which case the Taft Associates or Mrs. Taft would return the figures to Chicago at their expense.

16. Dr. A. E. Hertzler, of Halstead, Kansas, his medical library (approximately 5,000 volumes and 8,000 separates carefully indexed and filed) valued at \$30,000, to the College of Medicine. (At its meeting on July 16, 1937, the Board made an appropriation of \$800 to cover the cost of moving the library from Halstead to Chicago.)

17. Mr. Leonard Crunelle, of the Lorado Taft Studios, his "Madonna and Child" in plaster, to the College of Fine and Applied Arts. (Mr. Crunelle is one of the good living American sculptors and has to his credit many fine things scattered over the country. His Lincoln figures at Dixon and at Freeport have been particularly praised.)

18. Utilities Research Commission, Incorporated, Chicago, \$500 as a contribution towards the research project known as Summer Cooling—Heating and Ventilation Research. (This is a cooperative investigation in the Engineering Experiment Station with the American Society of Heating and Ventilating Engineers and the National Warm Air Heating and Air Conditioning Association.)

19. Dr. S. Prentiss Baldwin, of the Baldwin Bird Research Laboratory, \$600 for the continuation of a research assistantship in the Department of Zoology. This amount will be furnished in twelve installments of \$50 each.

20. Prest-O-Lite Battery Company, an additional \$125 for a Research Assistantship in Chemistry.

21. Ferro Enamel Corporation, \$1,000 a year effective September 1, 1937, "to aid a worthy graduate student in Ceramics or Ceramic Engineering to take advanced work for the degree of Master of Science or Doctor of Philosophy" under certain terms and conditions. The fellowship stipend shall be \$750 per year. The execution by the Comptroller and the Secretary of the Board of the memorandum of agreement covering this was authorized.

22. Sears, Roebuck and Company, \$3,750 to assist first-year and second-year students in Agriculture through scholarships and loans to be awarded on the recommendation of the Dean. This is a renewal of a similar grant made last year which the Board accepted, and the conditions governing the award of scholarships and loans will be the same as before.

23. The family of the late Lorado Taft, the collection of the geological specimens belonging to his father, the late Professor Don Carlos Taft, to be used by the University in any way it sees fit. The collection was brought to the University with one of the loads of the Lorado Taft collection of casts.

24. Captain Stuart Cameron, M.D., of Rantoul Field, a collection of native pottery, excavated upon the Island of Omotepe in Lake Nicaragua, Republic of Nicaragua. Doctor Cameron, who is a graduate of the University (M.D., 1925) makes no demand for display and has in mind only the scientific and artistic interest which might attach to the collection for those on the staff who have been interested in the history of ceramics.

25. Dr. Glenn M. Hobbs, an engraving by Thomas Barlow, entitled "The Home of Washington." This engraving was popular in this country some fifty to seventy-five years ago and is an excellent memento of the art taste of that time.

26. The estate of the late Dr. Edward W. Washburn, of Washington, D.C., formerly Professor and Head of the Department of Ceramics, five bound volumes of articles, a parcel of articles ready for binding, and two whole volumes, all works of his, for the University Library.

27. A loan of orthodontia materials belonging to the late Dr. Edward H. Angle, the distinguished Orthodontist, from Mrs. Edward H. Angle for the use of the College of Dentistry. This includes the library, museum contents, models, case histories, X-rays, lantern slides, and shop equipment of Doctor Angle. Before his death he became greatly interested in the development of the graduate work in orthodontia in the College of Dentistry. Mrs. Angle has stated that the material loaned will eventually become the property of the University.

28. Additional contributions of \$74.61 to the Charles Spencer Williamson Memorial Scholarship Fund.

This report was received for record.

AUDIT REPORT OF THE ATHLETIC ASSOCIATION

(34) The Audit Report of the Athletic Association for the fiscal year ended June 30, 1937. The financial statements in this report will be published at a later date, along with statements of other organizations connected with the University, and copies of this publication will go to all members of the Board.

This report was received for record.

At this point, President Karraker asked Mr. Moschel to take the chair, and withdrew.

FEE FOR GRADUATE WORK IN ORTHODONTIA

(35) At the last meeting of the Board it was suggested that consideration be given by the College of Dentistry to lowering the fee for graduate work in Orthodontia. The Dean of the College of Dentistry is here to present a report on this proposal.

Dean Noyes and Dr. Brodie made statements concerning this matter.

Action was deferred.

USE OF NAME "UNIVERSITY REVOLVING FUND"

On motion of Mr. Mayer, the President of the University was requested to investigate and, to report to the Board on the possibility of officially changing the name "University Revolving Fund" to "University Income Fund." The former term is a misnomer since the fund is not primarily a revolving fund but includes the direct income of the University from student fees, sales of products, rentals of residence halls, and similar items.

DELIVERY OF EQUIPMENT FOR NEW MEDICAL BUILDING

On motion of Mrs. Plumb, it was voted to be the sense of the Board that contractors for equipment for the second unit of the Medical and Dental College Laboratories Building be held to their bonds with respect to deliveries.

TRAIN SERVICE ON ILLINOIS CENTRAL RAILROAD

On motion of Mrs. Plumb, the President of the University was requested to take up with the Illinois Central Railroad the matter of providing better train service to and from the University. This action seems justified in view of the increased enrolment and other business provided by the University.

TIME OF OCTOBER MEETING

The date of the October meeting was set as Friday, October 15, 1937, at 9:30 a.m., in Chicago.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The secretary presented for record the following list of graduate scholars and fellows appointed by the President of the University.

Ceramic Engineering..	Thomas Leonard Hurst..	Fellowship.....	\$750
Chemistry.....	Frederick R. Duke.....	G. Frederick Smith Chemical Com- pany Fellowship.....	750
Economics.....	K. L. Trefftz.....	Illinois Bankers Association Fellowship.....	500

DEGREES CONFERRED IN AUGUST, 1937

The Secretary presented also for record the following list of degrees conferred in August, 1937, as the result of work completed in the Summer Session.

SUMMARY OF DEGREES, AUGUST, 1937

Degrees in the Graduate School, conferred at Urbana:

Master of Arts	58
Master of Science.....	<u>52</u>
<i>Total, Graduate School, Urbana.....</i>	<u>110</u>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences..	19
Bachelor of Science, College of Liberal Arts and Sciences	6
Bachelor of Science, College of Commerce.....	15
Bachelor of Science, College of Agriculture.....	7
Bachelor of Science, College of Education.....	15
Bachelor of Science, College of Fine and Applied Arts...	3
Bachelor of Music, College of Fine and Applied Arts....	1
Bachelor of Fine Arts, College of Fine and Applied Arts	4
Bachelor of Science, School of Journalism.....	2
Bachelor of Science, School of Physical Education.....	2
Bachelor of Science, Library School.....	<u>22</u>
<i>Total, Baccalaureate Degrees, Urbana.....</i>	<u>96</u>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	5
Doctor of Law.....	<u>1</u>
<i>Total, Law.....</i>	<u>6</u>
<i>Total, Degrees Conferred at Urbana.....</i>	<u>212</u>

Degrees in Dentistry, conferred at Chicago:

Doctor of Dental Surgery.....	<u>4</u>
<i>Total, Urbana and Chicago, August, 1937....</i>	<u>216</u>

GRADUATE SCHOOL**Degree of Master of Arts***In Botany*

WILLIAM EVERETT CUNNINGHAM, B.S., University of Chicago, 1934

In Chemistry

CHARLES LOUIS BINDER, A.B., Elmhurst College, 1925

LYLE BENJAMIN BORST, A.B., 1936

In Classics

ROBERT EARL TROBAUGH, B.Ed., Southern Illinois State Normal University, 1931

In Economics

PETER MASIKO, JR., A.B., Lehigh University, 1936

CHARLES WILLIAM MORRIS, A.B., 1935

In Education

LILLIAN VIOLA ARENDS, B.S., 1925
MELVIN CHARLES BAKER, A.B., 1932
CHARLES JOHN BEDNAR, A.B., Knox College, 1929
ROYE ROOSEVELT BRYANT, B.Ed., Southern Illinois State Normal University, 1930
CEPHAS EUGENE CARVETH, A.B., James Millikin University, 1936
WILLIAM I. DEWEES, B.S., 1925
ARTHUR CECIL FORSTER, B.Ed., Eastern Illinois State Teachers College, 1923
ROBERT CALDWELL GRANT, B.S., Bradley Polytechnic Institute, 1934
LOUISE DOROTHY HAACK, B.Ed., Illinois State Normal University, 1933
JAMES BURRIS JOHNSON, B.Ed., Southern Illinois State Normal University, 1932
ELVET SCHUMARD LEE, B.Ed., Illinois State Normal University, 1927
ARLYN MARKS, A.B., Illinois College, 1934
THERON VASCO MORRISON, A.B., Marshall College, 1929
LAWRENCE WESLEY PIERCE, A.B., Culver-Stockton College, 1930
DAMON DEAN REACH, B.Ed., Southern Illinois State Normal University, 1934
JOHN T. REDENIUS, A.B., Iowa State Teachers College, 1930
CHARLES FRANKLIN ROMANUS, B.Ed., Illinois State Normal University, 1936
HARRY EMIL TEST, B.Ed., Western Illinois State Teachers College, 1929
ROBERT WILLIAMS, B.Ed., Southern Illinois State Normal University, 1934
JAMES P. WILLIS, B.Ed., Southern Illinois State Normal University, 1931
HAROLD KENT YERKES, A.B., McKendree College, 1930

In English

JOSEPHINE ALLEN, A.B., 1929
MARGARET ALICE CLARK, A.B., Park College, 1930
ELEANOR HAFFER HARTLEY, B.S., 1931
DON WALTER OSBORNE, B.Ed., Illinois State Normal University, 1936
ELVER AUGUST SCHROEDER, A.B., Elmhurst College, 1934

In Geology and Geography

EMILIE HUCK, B.Ed., Southern Illinois State Normal University, 1931

In German

MARJORIE ELIZABETH WACKERLE, A.B., MacMurray College, 1936

In History

PATRICK WILLIAM FARNEY, B.Ed., Illinois State Normal University, 1932
LESTER GAIL GILLIEM, A.B., Greenville College, 1933
WILLIAM BRUCE MUNSON, A.B., 1936
MARGARET ISABELLE NOBLE, A.B., Illinois Wesleyan University, 1929
DALLAS M. YOUNG, B.Ed., Southern Illinois State Normal University, 1936

In Library Science

EMILY OWEN GARNETT, A.B., Texas Christian University, 1931; B.S.(Lib.), 1935
EDLA CHARLOTTE WAHLIN, A.B., Bethany College, 1913; B.S.(Lib.), 1929

In Mathematics

RAYMOND ROY CRUM, A.B., Illinois College, 1936
ROBERT OLIVER FINLEY, B.Ed., Southern Illinois State Normal University, 1936
WALTER ARTHUR HEATH, A.B., 1923
GEORGE HENRY JOHNSON, A.B., Illinois College, 1930
CLYTA MARY SCHMIDT, A.B., MacMurray College, 1929
SISTER MARY AGNELLA GAVIN, A.B., Rosary College, 1931
DAVID WRIGHT STARR, A.B., Southern Methodist University, 1933

In Political Science

HELEN LOUISE COLLINS, B.S., 1936
EARL THOMAS HANSON, B.Ed., Southern Illinois State Normal University, 1932
ARTHUR RUDOLPH WILDHAGEN, B.S., 1933

In Romance Languages

THELMA RUTH CARRELL, A.B., Eureka College, 1935
RENATO IGNACIO ROSALDO Y HERNANDEZ, A.B., 1936
EDITH MARIE SHUCK, A.B., Illinois Wesleyan University, 1924
DOROTHY LOU SPRAGUE, A.B., Beloit College, 1920
JESS CHARLES VERNON WAGUS, A.B., James Millikin University, 1933
CLAIRE LOUISE WEBER, B.S., 1936

In Sociology

AURELIO EUGENE FLORIO, B.S., 1934

Degree of Master of Science*In Accountancy*

LYLE RICH HUFF, B.S., 1932
HARVEY PRICE KESLER, B.S., Indiana State Teachers College, 1931
KENNETH LEE SMITH, B.S., 1927
WILLIAM EDGAR THOMAS, JR., B.S., Monmouth College, 1936

In Agronomy

SHERMAN RUSSELL DICKMAN, B.S., Pennsylvania State College, 1936

In Bacteriology

BERNADINE HAGAN, B.S., Eureka College, 1936
GEORGIA PITNER, A.B., 1936

In Botany

HOWARD JOE STEVENSON, B.S., Monmouth College, 1932

In Chemistry

HARRY CARROLL BECKER, B.S., 1936
JULIUS JACOB GOUZA, B.S., University of Michigan, 1935
PHILIP HANDLER, B.S., College of the City of New York, 1936
GUY SHERIDAN KRUMMEL, B.S., 1929
PETER CHARLES MARKUNAS, B.S., Shurtleff College, 1934
JOHN DAVID OATHOUT, B.Ed., Western Illinois State Teachers College, 1935
JAY RUFFNER SCHENCK, B.S., 1936
HARRY HALL SISLER, B.S., Ohio State University, 1936
FRANCIS JAMES SPRULES, A.B., University of Toronto, 1936

In Education

WILLIAM ELBRIDGE BAIRD, B.Ed., Illinois State Normal University, 1935
JOHN WILLIAM COLLINS, B.Ed., Southern Illinois State Normal University, 1930
THOMAS LEO DODD, SR., Ph.B., University of Chicago, 1932
EUGENE CARL ECKERT, B.Ed., Southern Illinois State Normal University, 1932
ELMER EDWARD FISCHER, B.S., Eureka College, 1932
CLINTON CARSON GREEN, B.S., 1934
VYNCE ALBERT HINES, B.S., 1933
AUBREY JAMES HOLMES, B.Ed., Southern Illinois State Normal University, 1935
ANNA MARIE HOOPER, B.Ed., Illinois State Normal University, 1927
AUGUSTA KLONTZ, B.S., 1933
WILLIAM ALBERT KNOOP, JR., B.S., Bradley Polytechnic Institute, 1929
AARON HAWTHORNE LAUCHNER, B.S., 1934
ROSALIE OLIVE LILLY, B.S., 1929
ROBERT LEATON MCCONNELL, B.S., 1927
PAUL WILBAR MCFARLAND, B.S., Illinois Wesleyan University, 1924
ROBERT RAYMOND MURPHY, B.S., 1933
SISTER M. AGNES CLARE NOLAN, A.B., St. Mary's College, 1930
ALBERT MAX TAYLOR, B.S., 1926
OMER MORRIS TOBIAS, B.S., University of Missouri, 1921
LEWIS RENSSELAER TOLL, B.S., 1932

AMELIA LORETTA VORNDRAH, B.S., 1934

JOHN B. WATHEN, B.Ed., Southern Illinois State Normal University, 1931

MERVEL AREWINE WILLETT, B.Ed., Illinois State Normal University, 1934

In Electrical Engineering

LAURENCE LEWIS SMITH, B.S., University of Nebraska, 1927

In Geology and Geography

RALPH SAMUEL HARRIS, B.S., 1933

In Home Economics

ELIZABETH CURTS KEMPSTER, A.B., University of Missouri, 1936

In Library Science

JOHN CARL SETTELMAYER, A.B., University of Cincinnati, 1935; B.S.(Lib.), 1935

MARY LYNDA SWOFFORD, A.B., University of Oklahoma, 1922; B.S.(Lib.), 1930

In Mathematics

IRENE VIOLET SULLIVAN, B.S., 1929

In Physics

ELMER GEORGE HERMAN KUNZE, B.Ed., Southern Illinois State Normal University, 1929

FRANK JEWELL WILLIG, A.B., University of Montana, 1936

In Psychology

HAROLD OLIVER GWILLIM, B.S., Shurtleff College, 1930

In Theoretical and Applied Mechanics

STANLEY DOUGLAS GRALAK, JR., B.S., 1936

In Zoology

DAVID RICHARD LINCICOME, B.S., 1937

JAMES STYCHE TUCKER, A.B., Southeast Missouri State Teachers College, 1932

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

ERLING RUDOLPH BERG

DONALD BERNARD COOK

MURIEL HOLLISTER DAY

WILLIAM GERTUS ELLSBERRY

VIRGINIA FRANCES ANNE FAIRFIELD

ROBERT WHITMAN FLUEGGE

VIRGINIA ELIZABETH FOSTER

OLGA MATHILDA GAWLOWICZ

LEROY WUXLEY HAYMAN

FRANCIS PATRICK HIGGINS

CHARLES ELMER HOLLEY, JR., with
Honors in Chemistry

CHARLES ROCKWELL MCCREIGHT

JOHN JOSEPH O'CONNELL

ROBINSON CLARK OVERTON

HORTENSIO ESTIOKO PATACSIL

FRANK EVERETT SANDFORD

ROBERT HARRIS SAUNDERS

DOROTHY LETITIA TAYLOR

MARY BLANCHE WAND

Degree of Bachelor of Science

In Liberal Arts and Sciences

CHARLES HERBERT CLEMENSEN

CARL FREDERICK SCHMIDT

In Home Economics

DOROTHY ELOISE HENRY

In Chemistry

CARL ARTHUR HARMAN

RICHARD NEWTON ROERIC

JOHN AUGUST MEANS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science*In Accountancy*

PAUL RANDOLPH BATEMAN

ROBERT WILLIAM COOK

EDWARD CHRISTOPHER LECHNER

WILLIAM EMERSON SAUDER

CARL DWIGHT WILFONG

In Banking and Finance

JACKSON OLIVER BISSON

In Commerce and Law

JACK JOSEPH REARDON

RODNEY ARMSTRONG SCOTT

In General Business

FLORENCE MAE CASTO

JOHN WILLIAM GUTHRIE, JR.

ALGIRD JAMES VITKUS

ALVIN CARL WIENOLD

In Industrial Administration

FRANK PAKUTINSKY

JOHN KEMPER ROUGE

WILLIAM EARLE THRELKELD

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science*In Agriculture*

JOHN HARRISON CHURCHILL

HARVEY WILLIAM GARRISON

JOHN EMMETT LAYDEN

EDWIN KEITH MCGUIRE

SAMUEL STUART MONTTOOTH

In Home Economics

RUTH ALICE BERGQUIST

IDA MARY BUDD

COLLEGE OF EDUCATION

Degree of Bachelor of Science*In Education*

CASSIUS ARMSTRONG

AUSTIN FREDERICK ASHBAUGH

MARIE CHRISTINE CREWELL

MARJORIE ESTHER CREWELL

EVA LOUISE DUNN

MARY THEODORA HOLTY

JEANNETTE LOUIS JOBUSCH

FREDERICA ELSIE JONES

AMANDA CLARK LITTLE

MARGARET ESTHER MERCER

HELEN FORD MORTON

EVELYN FERNE RAGLAND

HOUSTON REED

THEODORE EDWARD SIEMINSKI

DOROTHY JANE WODA

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science*In Music Education*

FLORENCE ROGERS DAVIS, with Honors

GILBERT EUGENE FROMAN

ALENE ROSE STROUSS

Degree of Bachelor of Music

ABE ANGELO PAROTTI

Degree of Bachelor of Fine Arts*In Art Education*

SISTER M. AMANDA FLANNERY, with Honors

In Landscape Architecture

EDWARD WILLIAM TABAKA

In Painting

JOHN WALLACE MILES

EILEEN CECILIA STIGALL

COLLEGE OF LAW

Degree of Bachelor of LawsJOHN KENNETH JOHNSON, B.S., North-
western University, 1934

BERNARD GEORGE MAXWELL, A.B., 1936

HARRY MEIRKEN, A.B., 1935

LEONARD WALLACE LUNDIN, A.B., 1932

MORTIMER DELNO WILBER, B.S., 1933

Degree of Doctor of Law

LINDSEY RAYMOND JEANBLANC, A.B., 1935, with Honors

SCHOOL OF JOURNALISM

Degree of Bachelor of Science*In Journalism*

CHARLOTTE LOUISE GUELTIK

VAHE ZORTHIAN

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science*In Physical Education*

FRANCIS ROBERT CANTWELL

HELENE E. DUDEK

LIBRARY SCHOOL

Degree of Bachelor of Science*In Library Science*

IRENE CARLON BRIDGES, B.S., Oklahoma Agricultural and Mechanical College, 1933

GEORGE BERDINE BROWN, B.S., 1936

PAUL JEAN BURNETTE, A.B., Simpson College, 1929; M.S., Northwestern University, 1935

ANNE L. CORBITT, A.B., Upper Iowa University, 1921; A.M., Columbia University, 1923

JOHN WILFRED CREAGER, A.B., Defiance College, 1929

LOUISE DUNCAN, A.B., Monmouth College, 1931

EDITH PAULINE DUNLAVY, A.B., DePauw University, 1929

MYRTLE GOODWIN ELLIS, A.B., Lawrence College, 1927

LEONORA IRENE ENGLE, A.B., Drake University, 1923

DORIS FLEMING, A.B., University of Arkansas, 1935

BERYL TOTTON GALAWAY, A.B., Illinois College, 1928, with Honors

ETHEL GRACE HARROD, A.B., Northwestern University, 1930

CORINNE ELIZABETH HENDERSON, A.B., Monmouth College, 1925

WILLARD ROY HOLLEMAN, B.S., Oklahoma Agricultural and Mechanical College, 1929

KATHRYN FRANCES KLEINSCHMIDT, A.B., Carroll College, 1927, with High Honors
 ALICE MARY LOHER, Ph.B., University of Chicago, 1928, with Honors
 GRACE ELIZABETH MITCHELL, A.B., Indiana University, 1932
 ROBERT MCDANIEL ORR, A.B., 1935
 CHULA MARGARET REMINGTON, B.Ed., Wisconsin State Teachers College (Eau Claire), 1932
 IRMA MAY RIEGEL, A.B., Dickinson College, 1921, with Honors
 RUTH ROBERTS, A.B., Southwest Texas State Teachers College, 1927
 SYLVIA HARDING SHAVER, B.S., George Peabody College for Teachers, 1936

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

(Conferred in Chicago)

ROBERT ARTHUR GREENBERG
 CURT JOSEPH GRONNER

HARRY GEORGE LEVENTYN
 RAYMOND A. WINDER

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Abel, James Walden, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 13, 1937)¹

Adams, Mrs. Lucile, University Senior Stenographer in the Chicago Business Office, beginning September 8, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes her previous appointment). (September 24, 1937)

Ades, Harlow W., Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 2, 1937)

Ades, Harlow W., Research Assistant in Psychology, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred fifty dollars (\$350) (this is in addition to his appointment as Assistant in Zoology. (August 5, 1937)

Amerongen, Margaret H. van, Clerk in the Bureau of Educational Research, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 7, 1937)

Ames, Alfred C., Assistant in English, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred eighty-four dollars (\$484). (August 30, 1937)

Anderson, C. F., Assistant in Prosthetic Dentistry, Denture Division, in the College of Dentistry, three half-days each week, beginning September 20, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of five hundred dollars (\$500) a year. (September 15, 1937)

Anderson, Mildred Eugene, Assistant in Home Accounts, in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, on one-half time, for one year beginning September 1, 1937, at a cash compensation of seven hundred twenty dollars (\$720). (August 5, 1937)

Andrews, Kenneth Richmond, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred sixty-six dollars (\$966). (August 30, 1937)

Appling, John William, Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

on one-half time, beginning September 1, 1937, and continuing until further notice, at a cash compensation at the rate of one thousand dollars (\$1000) a year. (August 12, 1937)

Atchley, F. M., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-fourth time, for one year beginning September 1, 1937, at a cash compensation of four hundred fifty dollars (\$450). (September 11, 1937)

Babcock, G. E., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 10, 1937)

Ballard, E. G., Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1937)

Barnes, Melvin Wallace, Research Assistant in the Bureau of Institutional Research, for ten months beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200). (August 16, 1937)

Baxter, Robert K., Associate in Operative Dentistry, in the College of Dentistry, on one-third time, for one year beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500) (this supersedes his previous appointment). (September 17, 1937)

Beamer, Parker Reynolds, Assistant in Bacteriology, for ten months beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (August 12, 1937)

Bennett, Mrs. Jessie Cassidy, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (September 17, 1937)

Bergmann, Howard Gordon, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 13, 1937)

Berry, Marion Frances, Executive Clerk and Secretary to the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station and the Director of the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 10, 1937)

Billman, J. H., Instructor in Chemistry, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 10, 1937)

Black, Carol Elizabeth, Assistant in Art, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (September 15, 1937)

Blodgett, Ralph H., Assistant Professor of Economics, for two years beginning September 1, 1937, at a cash compensation of three thousand dollars (\$3000) a year. (September 7, 1937)

Bolin, Oren, Assistant in Crop Production, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1937, at a cash compensation of seven hundred twenty dollars (\$720). (August 12, 1937)

Bond, H. W., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 19, 1937)

Bone, Robert Gehlmann, Instructor in History, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 10, 1937)

Boning, William Jones, Instructor in Romance Languages, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 11, 1937)

Bonnell, Mildred, House Manager in the Davenport House, on four-fifths time, for ten months beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand dollars (\$1000), plus maintenance, including living quarters, board, and personal laundry while on duty; and Assistant in Home Economics, in the College of Agriculture,

on one-fifth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (September 1, 1937)

Borden, John V., Assistant in Histology, in the College of Dentistry, beginning September 27, 1937, and continuing through January 31, 1938, with exemption from tuition and laboratory fees for the first semester of the academic year 1937-1938. (September 22, 1937)

Borger, Harvey D., Assistant in Geology, for ten months beginning September 1, 1937, on three-fourths time for the first semester, and on one-half time for the second semester, at a cash compensation of seven hundred fifty dollars (\$750), payable at the rate of ninety dollars (\$90) a month for the first semester and sixty dollars (\$60) a month for the second semester. (August 7, 1937)

Bothwell, Lyman D., Assistant in Economics, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (September 13, 1937)

Boyett, Mary Alice, Assistant in the Binding Department of the Library, on three-fourths time, for one year beginning September 1, 1937, at a cash compensation of nine hundred ninety dollars (\$900). (September 4, 1937)

Bradford, Leland Powers, Assistant in Education, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred dollars (\$900). (August 17, 1937)

Brewer, J. E., Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 10, 1937)

Broadbent, D. A., Assistant in Agricultural Economics, in the Agricultural Experiment Station, beginning September 15, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of one thousand six hundred dollars (\$1600) a year (this supersedes his previous appointment). (September 17, 1937)

Broghamer, Edward Louis, Instructor in Mechanical Engineering, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (September 13, 1937)

Browne, W. J., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 21, 1937)

Burney, D. E., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 19, 1937)

Burrington, Warren DeLas, Assistant in Animal Genetics, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, beginning September 27, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 22, 1937)

Bushart, R. R., Assistant in Romance Languages, for five months beginning September 1, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes his previous appointment). (August 13, 1937)

Bushman, John, Assistant in English, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred eighty-four dollars (\$484). (August 30, 1937)

Butler, Gibbon, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 4, 1937)

Cameron, Mrs. Julia Mockett, Assistant in Home Accounts, in the Department of Home Economics, in the College of Agriculture, and in the Agricultural Experiment Station, for ten months beginning September 1, 1937, at a cash compensation of one thousand six hundred dollars (\$1600). (August 16, 1937)

Camp, G. C., Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1937)

Campbell, Clyde Meveric, Assistant High School Visitor, beginning September 15, 1937, and continuing through August 31, 1938, at a cash compensation of two thousand eight hundred dollars (\$2800) a year. (September 11, 1937)

Campbell, Walker Elliott, Instructor in Accountancy, for ten months beginning September 1, 1937, at a cash compensation of one thousand seven hundred dollars (\$1700). (August 21, 1937)

Carney, James J., Jr., Instructor in Economics, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 7, 1937)

Cassity, C. Ronald, Assistant in Mathematics, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 9, 1937)

Cassity, C. R., Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred fifty dollars (\$750) (this supersedes his previous appointment). (September 25, 1937)

Catterall, John Leslie, Research Assistant in the Classics, for five months beginning April 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 22, 1937)

Chapin, J. H., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Claussen, W. F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 2, 1937)

Cleveland, E. A., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 19, 1937)

Coakley, John D., Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 17, 1937)

Coggeshall, Norman David, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700) (this supersedes his previous appointment). (September 22, 1937)

Conner, Boudinot, Jr., Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Conway, James Hugh, Assistant in the Order Department of the Library, on one-half time, for one year beginning September 1, 1937, at a cash compensation of six hundred fifty dollars (\$650). (August 23, 1937)

Cooke, H. G., Jr., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 10, 1937)

Copper, Robert Ryan, Assistant in Crop Production, in the Department of Agronomy, in the College of Agriculture, for one year beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200). (September 1, 1937)

Corse, J. W., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 10, 1937)

Crossman, Ruth, Assistant in Library Science, on three-fourths time, for ten months beginning September 1, 1937, at a cash compensation of one thousand fifty dollars (\$1050). (August 12, 1937)

Culver, Lawson Blaine, Assistant in Forestry Extension, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (July 31, 1937)

Dammers, Clifford R., Teacher of Social Studies, in the University High School, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700) (this supersedes his previous appointment). (August 24, 1937)

Dankert, L. J., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Darbyshire, R. W., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 2, 1937)

Day, Ernest C., Assistant in Surgery, in the College of Medicine, for eleven months beginning October 1, 1937, without salary. (September 22, 1937)

Dean, Jordan A., Assistant in German, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 5, 1937)

Dennis, F. L., Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred fifty dollars (\$750) (this supersedes his previous appointment). (September 25, 1937)

Dickie, Marianna Edith, Instructor in Home Economics Education, in the University High School, for ten months beginning September 1, 1937, at a cash compensation of two thousand one hundred dollars (\$2100). (August 7, 1937)

Dietemann, Charles A., Instructor in Art, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 13, 1937)

Diffenbaugh, Willis G., Assistant in Surgery, in the College of Medicine, for one year beginning September 1, 1937, without salary. (August 21, 1937)

Dobbie, J. M., Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred fifty dollars (\$750) (this supersedes his previous appointment). (September 25, 1937)

Donahue, Mary V., Assistant in the Hospital Laboratory, in the College of Medicine, for one year beginning September 1, 1937, at a cash compensation of one thousand four hundred dollars (\$1400) (this supersedes her previous appointment). (August 9, 1937)

Dowling, John W., Assistant in Philosophy, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 22, 1937)

Duncan, Ray Oscar, Assistant in Physical Education for Men, for nine months beginning October 1, 1937, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (September 24, 1937)

Eachus, Joseph Jackson, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 13, 1937)

Eachus, J. J., Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (September 25, 1937)

Easton, Mrs. Mildred Worcester, Assistant in Library Science, on one-half time, beginning September 20, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 22, 1937)

Ebey, D. R., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Edmundson, Mrs. Constance H., Stenographer in Agronomy, in the College of Agriculture, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (September 27, 1937)

Edwards, Maxwell, Assistant in English, for one year beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1937)

Einhorn, Raymond, Junior Accountant in the Business Office, on one-half time, for one year beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 4, 1937)

Ekstrom, V. A., Associate in Fruit and Vegetable Marketing, in the Department of Agricultural Economics, in the Agricultural Experiment Station, for

one year beginning September 1, 1937, at a cash compensation of two thousand four hundred dollars (\$2400). (August 25, 1937)

Ekstrom, William, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 4, 1937)

Elliott, Stanley Moffitt, Assistant in Agricultural Engineering, in the Agricultural Experiment Station, beginning September 15, 1937, and ending August 31, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (September 1, 1937)

Engstrom, Elaine R., Teacher of Commercial Subjects, in the University High School, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (August 24, 1937)

Erlandson, Ruth Madeline, Cataloger in the Library, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (September 17, 1937)

Fautin, Reed Winget, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (September 17, 1937)

Fenoglio, Louise B., Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Fisher, Edward, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (August 4, 1937)

Flood, Bernadette, Technician in Prosthetic Dentistry, in the College of Dentistry, for eleven months beginning October 1, 1937, at a cash compensation at the rate of one thousand dollars (\$1000) a year. (September 27, 1937)

Flores, Joseph S., Assistant in Romance Languages, for five months beginning September 1, 1937, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes his previous appointment). (August 13, 1937)

Fogle, Stephen, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 4, 1937)

Franklin, Donald W., Assistant in Geology, for ten months beginning September 1, 1937, on three-fourths time for the first semester, and on one-half time for the second semester, at a cash compensation of seven hundred fifty dollars (\$750), payable at the rate of ninety dollars (\$90) a month for the first semester and sixty dollars (\$60) a month for the second semester. (August 7, 1937)

Fuelleman, Robert Francis, Assistant in Crop Production, in the Department of Agronomy, in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 12, 1937)

Fuller, Harold Q., Instructor in Physics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 7, 1937)

Garey, Woodrow Wilson, Assistant in Romance Languages, on one-half time, for five months beginning September 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (August 13, 1937)

Geist, Robert John, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 13, 1937)

Giesecke, Gustav Ernst, Instructor in German, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1937)

Goodpaster, Mrs. Lois E., University Junior Typist in the Department of Dairy Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, for one year beginning September 1, 1937, subject to the rules of

the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (September 7, 1937)

Gore, R. C., Instructor in Chemistry, on one-half time, and Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of one thousand seven hundred dollars (\$1700). (August 2, 1937)

Gray, Paul Gordon, Assistant in Electrical Engineering, in the College of Engineering, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (August 16, 1937)

Greenaway, Mrs. May G., Assistant in the Children's Clinic, in the College of Dentistry, for one year beginning September 1, 1937, at a cash compensation of one thousand three hundred dollars (\$1300). (August 18, 1937)

Greenlee, S. O., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Griffith, Donald K., Assistant in Accountancy, for ten months beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (September 3, 1937)

Grosser, Frederick, Jr., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 21, 1937)

Hagan, Charles B., Associate in Political Science, for one year beginning September 1, 1937, at a cash compensation of two thousand five hundred dollars (\$2500). (August 5, 1937)

Hahn, Armand J., Assistant in Dairy Manufactures, in the College of Agriculture and in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of one thousand four hundred forty dollars (\$1440). (September 4, 1937)

Hallwachs, Robert Gordon, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 30, 1937)

Hamilton, T. S., Assistant Professor of Animal Nutrition, in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of three thousand six hundred dollars (\$3600) (this supersedes his previous appointment). (September 9, 1937)

Hancock, Helen, Departmental Stenographer in the Department of Chemistry, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (August 2, 1937)

Hanks, Lucien M., Jr., Instructor in Psychology, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1937)

Hansman, Margaret Mary, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 9, 1937)

Hanson, Earl, Assistant in Political Science, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 18, 1937)

Hanson, John O., Resident in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, for ten months beginning September 1, 1937, with a vacation allowance of two weeks, the cash compensation being five hundred dollars (\$500), plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare. (August 21, 1937)

Hardin, Ruth, Documents Assistant in the Order Department of the Library, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand six hundred dollars (\$1600). (August 5, 1937)

Harman, Marian, Research Assistant in the Classics, for six months beginning October 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 22, 1937)

Harmison, C. R., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 21, 1937)

Harper, Margaret Frances, Assistant in Geology, for ten months beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200). (August 2, 1937)

Harris, Brice, Instructor in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 26, 1937)

Hartman, H. L., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Hartsok, John, Assistant in Romance Languages, on three-fourths time, for five months beginning September 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month. (August 13, 1937)

Haskell, Glenn Percival, Associate in English, for one year beginning September 1, 1937, at a cash compensation of two thousand two hundred fifty dollars (\$2250). (August 13, 1937)

Haswell, Richard Ellis, Associate in English, for one year beginning September 1, 1937, at a cash compensation of two thousand two hundred fifty dollars (\$2250). (August 13, 1937)

Henderson, Robert Gordon, Assistant in Botany, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (September 11, 1937)

Henneberger, Olive, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 5, 1937)

Henry, Dorothy Eloise, Assistant in Home Economics, in the College of Agriculture, on one-fourth time, for one year beginning September 1, 1937, at a cash compensation of three hundred sixty dollars (\$360). (September 1, 1937)

Herzberg, Fred, Research Assistant in Histology, in the College of Dentistry, for one year beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (September 17, 1937)

Hickson, J. L., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 20, 1937)

Hine, Maynard K., Associate in Dental Pathology and Therapeutics, in the College of Dentistry, for one year beginning September 1, 1937, at a cash compensation of three thousand dollars (\$3000) (this supersedes his previous appointment). (September 8, 1937)

Hoheisel, W. F., Assistant in Physiology, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 7, 1937)

Holley, C. E., Jr., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 26, 1937)

Hook, Julius N., Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 5, 1937)

Hoover, W. Farrin, Assistant in Geology, on three-fourths time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred dollars (\$900). (August 2, 1937)

Hopkins, Thomas Roscoe, Assistant in Business Organization and Operation, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (September 15, 1937)

Horsman, Maurice Thomas, Instructor in Hygiene, and Medical Adviser for Men, for one year beginning September 1, 1937, at a cash compensation of two thousand eight hundred dollars (\$2800). (August 13, 1937)

Houtchens, Lawrence, Instructor in English, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 13, 1937)

Howe, E. E., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (August 2, 1937)

Hughes, Leo, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 5, 1937)

Huntress, Keith G., Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (September 4, 1937)

Irwin, H. M., Jr., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 15, 1937)

Isakoff, J. F., Instructor in Political Science, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 25, 1937)

Ittner, Robert T., Instructor in German, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000) (this supersedes his previous appointment). (September 11, 1937)

James, George Wilbur, Assistant in Mathematics, one one-third time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 25, 1937)

Johanson, A. J., Assistant in Chemistry, on one-fourth time, for five months beginning September 1, 1937, at a cash compensation of one hundred fifty dollars (\$150). (August 31, 1937)

Johnson, John Lars, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred sixty-six dollars (\$966). (August 30, 1937)

Johnston, P. E., Associate Professor of Agricultural Economics Extension, in the Extension Service in Agriculture and Home Economics, and Associate Chief in Agricultural Economics, in the Agricultural Experiment Station, on indefinite tenure, beginning September 1, 1937, at a cash compensation of four thousand two hundred dollars (\$4200) a year (this supersedes his previous appointment). (September 22, 1937)

Jones, Emily, Assistant in Bacteriology and Public Health, in the College of Medicine, beginning September 15, 1937, and continuing through August 31, 1938, without salary. (September 22, 1937)

Jones, Paul Guy, Instructor in Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (July 31, 1937)

Jones, Russell Park, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (September 21, 1937)

Jones, Sarah Elizabeth, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Jordan, Edward Brent, Jr., Instructor in Physics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (September 7, 1937)

Kaler, Frank J. H., Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (September 4, 1937)

Kanatzar, C. Leplie, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Katra, Adolph E., Teacher of Mathematics, in the University High School, on one-half time, for ten months beginning September 1, 1937, at a cash com-

pensation of seven hundred dollars (\$700) (this supersedes his previous appointment). (August 24, 1937)

Keating, L. Clark, Associate in Romance Languages, for one year beginning September 1, 1937, at a cash compensation of two thousand four hundred dollars (\$2400). (August 21, 1937)

Kemmerer, Donald L., Associate in Economics, for two years beginning September 1, 1937, at a cash compensation of two thousand five hundred dollars (\$2500) a year. (August 14, 1937)

Kennedy, Dayne Harrison, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 13, 1937)

Kent, J. R. F., Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred fifty dollars (\$750) (this supersedes his previous appointment). (September 25, 1937)

Kibbey, Donald Eugene, Assistant in Mathematics, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 9, 1937)

Kibbey, Donald Eugene, Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred fifty dollars (\$750) (this supersedes his previous appointment). (September 25, 1937)

Kidder, Margaret, Assistant in Romance Languages, on three-fourths time, for ten months beginning September 1, 1937, at a cash compensation of one thousand one hundred fifty dollars (\$1150) (this supersedes her previous appointment). (September 17, 1937)

Kientzle, Mary J., Research Assistant in Psychology, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 16, 1937)

Kimpel, Harry G., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Kinsman, Gladys M., Associate in Home Economics, in the College of Agriculture and in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of two thousand three hundred dollars (\$2300) (this supersedes her previous appointment). (September 20, 1937)

Kirkham, Edward J., Jr., Assistant in Accountancy, for ten months beginning September 1, 1937, at a cash compensation of one thousand three hundred dollars (\$1300) (this supersedes his previous appointment). (September 3, 1937)

Kirkpatrick, Olive Ann, Editorial Assistant in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1937, at a cash compensation of eight hundred dollars (\$800). (August 2, 1937)

Klein, A. Deo, Assistant in Physiology, in the College of Medicine, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 22, 1937)

Kleinberg, Jacob, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 10, 1937)

LaSage, Laurence, Assistant in Romance Languages, on three-fourths time, for five months beginning September 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (August 13, 1937)

Lawrenz, Margaret, Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, beginning September 1, 1937, and continuing until further notice, at a cash compensation at the rate of two thousand two hundred dollars (\$2200) a year. (August 12, 1937)

LeMaistre, N. M., Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 17, 1937)

Lester, John L., Assistant in Geology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Levine, Norman Dion, Assistant Animal Parasitologist, in the Department of Animal Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1937, without salary. (September 4, 1937)

Lindstrum, Andrew Oliver, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 13, 1937)

Long, R. S., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 19, 1937)

Longwell, John Harwood, Associate in Animal Husbandry, in the College of Agriculture, on one-half time, for one year beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (July 31, 1937)

Loomis, Clark Lathrop, Assistant in Rural Sociology, in the Department of Agricultural Economics, in the College of Agriculture, on one-half time, beginning September 16, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 15, 1937)

Lott, Mrs. Vieve Bigelow, Assistant in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred dollars (\$1400). (September 1, 1937)

Lowry, W. McNeil, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1937)

Lussky, Walter Harold, Assistant in German, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 10, 1937)

MacMasters, Majel M., Associate in Home Economics, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000) (this supersedes her previous appointment). (August 24, 1937)

Maher, Frank Thomas, Assistant in Pharmacy, in the College of Pharmacy, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 7, 1937)

Marks, Arlyn, Research Assistant in the Bureau of Educational Research, for one year beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 2, 1937)

Markunas, P. C., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 10, 1937)

Marshall, Carl Earnest, Assistant in Mathematics, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 25, 1937)

Marshall, Marian Winifred, Teacher of Physical Education for Girls, in University High School, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 7, 1937)

Martin, Daniel William, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (September 21, 1937)

Martin, Robert Samuel, Associate in Mathematics, for one year beginning September 1, 1937, at a cash compensation of two thousand four hundred dollars (\$2400). (August 16, 1937)

Mason, Ruth G., Instructor in Mathematics, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1937)

Mautz, Robert Kuhn, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 16, 1937)

McBurney, C. H., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

McCallister, Lillian Arlene, Clerk in the Catalog Department of the Library, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (August 2, 1937)

McCracken, J. H., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 21, 1937)

McDonald, J. J., Assistant in Physical Education for Men, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (July 20, 1937)

McGarrity, Bertram Conway, Assistant in Band and Orchestra, in the School of Music, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of eight hundred dollars (\$800). (September 4, 1937)

McGlothlin, Margaret Plowman, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred sixty-six dollars (\$966). (August 30, 1937)

McKeever, C. H., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 10, 1937)

McQuitty, Louis L., Instructor in Psychology, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1937)

Mendel, Clifford William, Associate in Mathematics, for one year beginning September 1, 1937, at a cash compensation of two thousand five hundred dollars (\$2500). (August 16, 1937)

Mertz, E. T., Instructor in Chemistry, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 10, 1937)

Meyers, Charles Edward, Assistant in Education, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (August 17, 1937)

Milczewski, Marion Anthony, Library Assistant in the Agricultural Library, on one-half time, beginning September 15, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of seven hundred dollars (\$700) a year. (September 17, 1937)

Miles, John Clem, Instructor in Mechanical Engineering, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of one thousand nine hundred dollars (\$1900). (September 13, 1937)

Miller, M. W., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Mills, Rosalind E., Assistant in Home Economics, in the College of Agriculture and in the Agricultural Experiment Station, for eleven months beginning October 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 27, 1937)

Mock, Claudia C., Stenographer in the Department of Business Organization and Operation, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (August 2, 1937)

Moffett, R. B., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400) (September 1, 1937)

Montgomery, Robert B., Instructor in Hygiene and Medical Adviser for Men, beginning September 15, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (September 11, 1937)

Moorehead, D. F., Laboratory Helper in the Department of Physiology, beginning September 19, 1937, and continuing through August 31, 1938, subject

to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (September 27, 1937)

Morales, Francisco Javier, Jr., Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 27, 1937)

Morrison, Alice, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (August 4, 1937)

Morrison, Alice, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500), (this supersedes her previous appointment). (August 30, 1937)

Moses, Louis Emmet, Assistant in Physiology, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (September 25, 1937)

Mosher, Fredric, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1937)

Mulvihill, Donald Ferguson, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 13, 1937)

Munson, William Bruce, Assistant in History, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 25, 1937)

Murdock, Margaret Lucille, Clerk in the Agricultural Experiment Station, beginning September 20, 1937, and continuing through October 31, 1937, at a cash compensation at the rate of eighty dollars (\$80) a month, and beginning November 1, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 1, 1937)

Nannes, Caspar, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500) (this supersedes his previous appointment). (September 4, 1937)

Nelson, Kenneth J., Assistant in Physical Education for Men, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (September 22, 1937)

Odell, Russell Turner, Assistant in Agronomy, in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of one thousand four hundred dollars (\$1400). (September 11, 1937)

Odum, Eugene Pleasants, Research Assistant in Zoology, for one year beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (July 22, 1937)

O'Neill, Mabel Irene, Stenographer in Home Economics, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1937, at a cash compensation of nine hundred dollars (\$900). (August 10, 1937)

Osburn, Luke, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 13, 1937)

Osenburg, F. C., Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred forty dollars (\$1540). (August 4, 1937)

O'Shaughnessy, M. T., Jr., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 19, 1937)

Palmer, Peter Fourie, Instructor in Economics, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 13, 1937)

Pate, Robert Sewell, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 13, 1937)

Patterson, L. A., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (August 21, 1937)

Pence, Henrietta Corenne, Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 13, 1937)

Phelps, Rose B., Associate in Library Science, on four-fifths time, for five months beginning September 1, 1937, at a cash compensation at the rate of one hundred seventy-three dollars thirty-three cents (\$173.33) a month (this supersedes her previous appointment) (August 20, 1937)

Phillips, Milton L., Assistant in Psychology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 5, 1937)

Pick, John Francis, Instructor in Surgery, in the College of Medicine, for one year beginning September 1, 1937, without salary. (August 16, 1937)

Poe, W. Cecil, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Porter, C. C., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 10, 1937)

Porzak, Bernard, Assistant in English, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred eighty-four dollars (\$484). (August 30, 1937)

Powers, Kathryn, Clerk and Stenographer in the Department of English, beginning September 7, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (September 20, 1937)

Proctor, Sigmund K., Associate in English, for one year beginning September 1, 1937, at a cash compensation of two thousand four hundred dollars (\$2400). (September 4, 1937)

Pulliam, Francis McConnell, Assistant in Mathematics, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 25, 1937)

Qualls, LeRoy Lillard, Assistant in the Loan Department of the Library, on three-fourths time, for one year beginning September 1, 1937, at a cash compensation of one thousand fifty dollars (\$1050). (August 19, 1937)

Quinn, J. Kerker, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 4, 1937)

Ralph, Dorothy M., Assistant in Romance Languages, on three-fourths time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000) (this supersedes her previous appointment). (September 17, 1937)

Ralston, Edna, Assistant in the Order Department of the Library, on three-fourths time, for one year beginning September 1, 1937, at a cash compensation of one thousand fifty dollars (\$1050). (August 12, 1937)

Reamer, Owen Jordan, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (September 17, 1937)

Reed, Cordelia, Assistant in Romance Languages, on three-fourths time, for five months beginning September 1, 1937, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (August 7, 1937)

Reich, Emily Evalyn, Library Assistant in the Education Reading Room of the Library, on one-half time, for one year beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (August 19, 1937)

Reuss, Dorothy M., Cataloger in the Library, for one year beginning Sep-

tember 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (August 5, 1937)

Rice, E. E., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (August 2, 1937)

Ritchey, Lloyd Butler, Instructor in General Engineering Drawing, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 12, 1937)

Robb, William Coulter, Associate in Economics, for one year beginning September 1, 1937, at a cash compensation of three thousand dollars (\$3000). (September 17, 1937)

Robinson, J. V., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400) (this supersedes his previous appointment). (August 10, 1937)

Robinson, J. W., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 19, 1937)

Rorabacher, Louise Elizabeth, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred sixty-six dollars (\$966). (August 30, 1937)

Rosaldo, Renato, Assistant in Romance Languages, on one-half time, for five months beginning September 1, 1937, at a cash compensation of three hundred dollars (\$300). (August 13, 1937)

Rosenthal, Bernice, Resident in the Department of Anaesthesia, in the College of Medicine, for one year beginning September 1, 1937, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (August 21, 1937)

Rovelstad, Howard, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of nine hundred sixty-six dollars (\$966). (August 30, 1937)

Roy, M. F., Special Research Assistant in Chemistry, for one year beginning July 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 2, 1937)

Roysher, Hudson B., Instructor in Art, for ten months beginning September 1, 1937, at a cash compensation of two thousand two hundred dollars (\$2200). (September 25, 1937)

Rumble, Marjorie F., Assistant in the Order Department of the Library, for one year beginning September 1, 1937, at a cash compensation of eight hundred eighty dollars (\$880). (August 7, 1937)

Rust, Gordon, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred fifty dollars (\$1450). (August 4, 1937)

Ryan, Dorothy, Assistant in the Loan Department of the Library, on one-half time, beginning September 20, 1937, and continuing until August 31, 1938, at a cash compensation at the rate of seven hundred dollars (\$700) a year. (September 17, 1937)

Sample, J. H., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 10, 1937)

Sargent, Hugh, Assistant in English, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred twenty-five dollars (\$725). (September 1, 1937)

Schacht, John, Assistant in English, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (August 4, 1937)

Schacht, John, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500) (this supersedes his previous appointment). (August 30, 1937)

Schieltz, N. C., Special Research Assistant in Chemistry, on one-half time, for two months beginning July 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 19, 1937)

Scuderi, Carlo S., Associate in Surgery, in the College of Medicine, on one-fourth time, for one year beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 16, 1937)

Seifert, R. L. E., Instructor in Chemistry, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 10, 1937)

Seyb, Gertrude, Assistant in Home Economics Education, in the College of Education, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (August 24, 1937)

Shank, Sarah J., Stenographer in the Department of Home Economics, in the College of Agriculture, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 16, 1937)

Shattuck, Charles, Assistant in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (August 4, 1937)

Shaver, Sylvia Harding, Assistant in the Order Department of the Library, beginning September 20, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (September 20, 1937)

Shaw, Fayette B., Instructor in Economics, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 3, 1937)

Shaw, Warren Choate, Assistant in History, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 7, 1937)

Sherc, Nelson Houston, Instructor in Journalism, for ten months beginning September 1, 1937, at a cash compensation of two thousand five hundred dollars (\$2500). (August 4, 1937)

Shields, John Bickford, Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, beginning September 1, 1937, and continuing until further notice, at a cash compensation of two thousand five hundred dollars (\$2500) a year. (August 2, 1937)

Shipman, Emmet E., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 24, 1937)

Shoemaker, Alfred Lewis, Assistant in German, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 18, 1937)

Shreve, D. R., Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (September 25, 1937)

Shurrager, Phil Sheridan, Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 7, 1937)

Simmons, Marguerite, Library Assistant in the Natural History Library, on one-half time, for one year beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (August 21, 1937)

Singer, W. B., Assistant in Psychology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 16, 1937)

Singh, Alamjit Dhalimal, Special Research Assistant in Chemical Engineering, in the Engineering Experiment Station, beginning September 1, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month (this supersedes his previous appointment). (August 23, 1937)

Smail, William Carlyle, Instructor in Hygiene and Medical Adviser for Men, for one year beginning September 1, 1937, at a cash compensation of three thousand dollars (\$3000). (August 7, 1937)

Smarzo, Marjorie M., Instructor in Hygiene and Medical Adviser for Women, for one year beginning September 1, 1937, at a cash compensation of two thousand five hundred dollars (\$2500). (August 7, 1937)

Smith, Guy Donald, Associate in Soil Physics and Soil Survey, in the Agricultural Experiment Station, on one-half time, beginning September 15, 1937, and continuing through May 31, 1938, at a cash compensation at the rate of one thousand two hundred fifty dollars (\$1250) a year (this supersedes his previous appointment). (September 7, 1937)

Smith, James O., Instructor in Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (July 31, 1937)

Smith, Jesse William, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 27, 1937)

Smith, John Allan, Editorial Assistant in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (July 31, 1937)

Smith, P. W., Assistant Professor of Physiology, in the College of Medicine, for one year beginning September 1, 1937, at a cash compensation of two thousand seven hundred dollars (\$2700) (this supersedes his previous appointment). (September 10, 1937)

Soderwall, Arnold L., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 2, 1937)

Spence, John Monroe, Research Assistant in Histology, in the College of Dentistry, for one year beginning September 1, 1937, at a cash compensation of one thousand five hundred dollars (\$1500). (September 17, 1937)

Spradling, Zita, Assistant in Physical Education for Women, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (September 20, 1937)

Sprules, F. J., Assistant in Chemistry, on one-fourth time, for five months beginning September 1, 1937, at a cash compensation of one hundred fifty dollars (\$150). (August 31, 1937)

Stevenson, K. O., Special Research Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1937, at a cash compensation of three hundred fifty dollars (\$350). (September 15, 1937)

Svihla, George, Research Assistant in Zoology, on one-half time, for one year beginning September 1, 1937, at a cash compensation of seven hundred twenty dollars (\$720). (August 3, 1937)

Swain, A. P., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 7, 1937)

Taylor, W. R., Technician in Physiology, in the College of Medicine, for one year beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200). (September 22, 1937)

Teles, Morris, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (September 25, 1937)

Terry, H. L., Assistant in Physiology, for ten months beginning September 1, 1937, at a cash compensation of one thousand three hundred sixty dollars (\$1360). (September 14, 1937)

Thompson, Laurence M., Junior Accountant in the Business Office, on one-half time, for one year beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 4, 1937)

Thompson, L. R., Assistant in Chemistry, on one-third time, for five months beginning September 1, 1937, at a cash compensation of two hundred dollars (\$200). (August 31, 1937)

Thompson, L. R., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400) (this supersedes his previous appointment). (September 15, 1937)

Thornes, H. F., University Junior Assistant Purchasing Agent in the Business Office, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand nine hundred dollars (\$1900) (this supersedes his previous appointment). (September 9, 1937)

Tippo, Oswald, Instructor in Botany, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 8, 1937)

Tordella, Louis William, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (September 13, 1937)

Treichler, Ray, Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000). (August 7, 1937)

Turpin, Walter S., Instructor in Mathematics, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 4, 1937)

Underhill, H. Fabian, Instructor in Economics, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 14, 1937)

Vanderhoef, Mrs. Minna L., Assistant in Physical Education for Women, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of seven hundred dollars (\$700). (September 25, 1937)

Vaughan, Herbert Edward, Instructor in Mathematics, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 4, 1937)

Veale, Paul Townsend, Assistant in Agronomy, in the Agricultural Experiment Station, for one year beginning September 1, 1937, at a cash compensation of one thousand four hundred dollars (\$1400). (September 11, 1937)

Wager, R. W., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 7, 1937)

Walker, Dorothy G., Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 10, 1937)

Waltemade, Henry J., Assistant in the Order Department of the Library, for one year beginning September 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand seven hundred dollars (\$1700) (this supersedes his previous appointment). (September 27, 1937)

Walter, David O., Instructor in Political Science, for ten months beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2000). (August 13, 1937)

Washburn, Carolyn, Instructor in English, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 5, 1937)

Weber, Ernest M., Assistant in Bacteriology, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 17, 1937)

Weber, Richard Denis, First Year Resident in the Department of Medicine, in the College of Medicine, for one year beginning September 1, 1937, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (August 10, 1937)

Welker, E. L., Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1937, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (September 25, 1937)

Werts, Mrs. Elizabeth, Clerk and Stenographer in the Department of Civil Engineering, in the College of Engineering, and in the Engineering Experiment Station, beginning September 8, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission at a cash compensation at the rate of one hundred ten dollars (\$110) a month (this supersedes her previous appointment). (September 24, 1937)

Whitenack, Arthur E., Assistant in the Order Department of the Library, on three-fourths time, beginning September 20, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of eighty-seven dollars fifty cents (\$87.50) a month. (September 17, 1937)

Whitlock, Ruth Lillian, Library Assistant in Architecture, on one-half time, beginning September 20, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of seven hundred dollars (\$700) a year. (September 21, 1937)

Wiley, Llwellyn Noel, Assistant in Psychology, for ten months beginning September 1, 1937, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes her previous appointment). (September 25, 1937)

Williams, Robert D., Associate in Mechanical Engineering, in the College of Engineering, for one year beginning September 1, 1937, at a cash compensation of two thousand four hundred dollars (\$2400). (August 29, 1937)

Willmann, John, Research Assistant in Psychology, on part time, beginning September 15, 1937, and continuing until June 15, 1938, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (September 25, 1937)

Wixsom, Margaret, Assistant in English, on seven-twelfths time, for ten months beginning September 1, 1937, at a cash compensation of eight hundred forty-six dollars (\$846). (August 30, 1937)

Womack, Madelyn, Special Research Assistant in Chemistry, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 2, 1937)

Wood, Patricia J., Stenographer in the Department of Horticulture, in the College of Agriculture, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960) (this supersedes her previous appointment). (September 17, 1937)

Wood, R. E., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1937, at a cash compensation of four hundred dollars (\$400). (September 1, 1937)

Wood, T. R., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (August 7, 1937)

Yesinick, Louis, Assistant in Physiology, in the College of Medicine, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of five hundred dollars (\$500). (September 22, 1937)

Youkstetter, Fred Speidel, Assistant in German, on one-half time, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (August 18, 1937)

Ziegler, Lloyd H., Lecturer in Psychiatry, in the College of Medicine, for eleven months beginning October 1, 1937, without salary. (September 25, 1937)

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Allen, Anne B., Technician in Prosthetic Dentistry, in the College of Dentistry—declination effective September 1, 1937.

Amerongen, Mrs. Margaret H. van, Stenographer in the Department of Home Economics—declination effective September 1, 1937.

Barringer, Opal, Stenographer for the Appointments Committee—declination effective September 1, 1937.

Black, P. H., Associate in Mechanical Engineering, in the College of Engineering—declination effective September 1, 1937.

Bothwell, Lyman D., Assistant in Economics—declination effective September 1, 1937.

Burnette, Paul J., Assistant in the Loan Department of the Library—declination effective September 1, 1937.

Carter, Elbert P., Fellow in Physics—resignation effective September 1, 1937.

Cluster, Mrs. Lowell Harris, Stenographer in the Office of the Dean of the College of Engineering—resignation effective June 15, 1937.

Courter, Elma, Assistant in Library Science—declination effective September 1, 1937.

Covey, Neva, Clerk in the Bureau of Educational Research—declination effective September 1, 1937.

Cuthbert, Delta H., Assistant in Physical Education for Women—declination effective September 1, 1937.

Decker, S. W., Associate in Fruit and Vegetable Marketing, in the Agricultural Experiment Station—declination effective September 1, 1937.

DeLargy, P. L., Associate in Philosophy—declination effective September 1, 1937.

Denhart, Dorothy M., Departmental Stenographer in the Department of Chemistry, and Stenographer in Chemical Engineering Research, in the Engineering Experiment Station—resignation effective September 17, 1937.

Dismukes, W. P., Instructor in Romance Languages—declination effective September 1, 1937.

Earley, E. B., First Assistant in Soil Fertility, in the Agricultural Experiment Station—declination effective September 1, 1937.

Fisher, Catherine V., Associate in Bacteriology and Public Health, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—declination effective September 1, 1937.

Foote, W. R., Research Graduate Assistant in Mechanical Engineering, in the Engineering Experiment Station—declination effective September 1, 1937.

Garey, W. W., Assistant in Romance Languages—declination effective September 1, 1937.

Godeke, H. L., Instructor in Mechanical Engineering, in the College of Engineering—declination effective September 1, 1937.

Goodpaster, Mrs. Lois E., University Junior Typist in the Department of Dairy Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station—declination effective September 1, 1937.

Gougler, Marcelline, Assistant in Art—declination effective September 1, 1937.

Harris, J. W., Instructor in English—declination effective September 1, 1937.

Harrod, Sara Virginia, Scholar in the Classics—resignation effective September 1, 1937.

Hathaway, Milicent, Associate in Home Economics, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective September 1, 1937.

Henderson, W. J., Instructor in Physics, in the College of Engineering—declination effective September 1, 1937.

Henneberger, Olive, Assistant in English—resignation effective September 1, 1937.

Hensley, Martha L., District 4-H Club Adviser, in the Extension Service in Agriculture and Home Economics—declination effective September 1, 1937.

Hixson, Mrs. Reba, Technician in the Department of Orthopaedics, in the College of Medicine—declination effective September 1, 1937.

Hoheisel, W. F., Assistant in Physiology—declination effective September 1, 1937.

Holl, W. B., Assistant in Music—declination effective September 1, 1937.

Howell, Henrietta, Assistant in Library Science—declination effective September 1, 1937.

Huff, L. R., Assistant in Accountancy—declination effective September 1, 1937.

Hunter, Joan, Assistant in Botany—declination effective September 1, 1937.
Ishmael, Hortense, Stenographer in the Department of Horticulture—declination effective September 1, 1937.

Jennings, George, Educational Program Producer in the Office of Public Information and in the Radio Station—declination effective September 1, 1937.

Johnston, L. D., Research Assistant in the Classics—declination effective September 1, 1937.

Karrenbrock, W. E., Assistant Professor of Accountancy—resignation effective September 1, 1937.

Kendall, Mrs. Katherine T., Scholar in Romance Languages—resignation effective September 1, 1937.

Kendall, Willmoore, Assistant in Political Science—declination effective September 1, 1937.

LaBaw, R. G., Assistant in Physics, in the College of Engineering—declination effective September 1, 1937.

Lee, J. K., Assistant in Agricultural Economics, in the Agricultural Experiment Station—declination effective September 1, 1937.

LeMaistre, N. M., Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station—declination effective September 1, 1937.

Lodge, Louise F., Assistant in Romance Languages—declination effective September 1, 1937.

Lounsbury, R. H., Associate in Economics—declination effective September 1, 1937.

Marsh, D. B., Assistant in Economics—declination effective September 1, 1937.

Mayhill, G. R., Assistant in History—resignation effective September 1, 1937.

McCristal, K. J., Instructor in Physical Education for Men—resignation effective September 26, 1937.

McDonald, J. J., Assistant in Physical Education for Men—resignation effective September 1, 1937.

McLaughlin, Alma A., Assistant in Romance Languages—declination effective September 1, 1937.

Miner, T. G., Assistant in Crop Production, in the Agricultural Experiment Station—declination effective September 1, 1937.

Mort, L. L., Assistant in Animal Genetics, in the Agricultural Experiment Station—declination effective September 1, 1937.

Neild, H. W., Assistant in Physiology—declination effective September 1, 1937.

Newton, W. H., Assistant in Medicine, in the College of Medicine—declination effective September 1, 1937.

Poe, W. C., Assistant in Zoology—declination effective September 1, 1937.

Raffelson, Evelyn, Stenographer in the Department of Agronomy—declination effective September 1, 1937.

Rothenburger, Ruth M., Assistant in the Loan Department of the Library—declination effective September 1, 1937.

Roy, N. H., Special Research Assistant Professor of Engineering Materials, in the Engineering Experiment Station—resignation effective June 1, 1937.

Shaw, Fayette B., Instructor in Economics—declination effective September 1, 1937.

Shove, R. H., Assistant in the Order Department of the Library—declination effective September 1, 1937.

Singer, W. B., Assistant in Psychology—declination effective September 1, 1937.

Smail, William Carlyle, Instructor in Hygiene and Medical Adviser for Men—declination effective September 1, 1937.

Smith, Barbara L., Stenographer in the Department of Economics—resignation effective September 1, 1937.

Smith, P. W., Assistant Professor of Physiology, in the College of Medicine—declination effective September 1, 1937.

Tabaka, Mary F., Typist in the Department of Agronomy—declination effective September 1, 1937.

Thomas, G. B., Assistant in Mathematics—declination effective September 1, 1937.

Todd, Edgeley W., Scholar in English—resignation effective September 1, 1937.

Wagus, Jess C. V., Assistant in Romance Languages—resignation effective September 1, 1937.

Wardell, Margaret, Assistant in Library Science—declination effective September 1, 1937.

Wark, J. W., Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station—cancellation effective September 1, 1937.

Whitlo, C. M., Instructor in Business Organization and Operation—declination effective September 1, 1937.

Wills, J. E., Associate in Farm Management, in the College of Agriculture, and in the Agricultural Experiment Station—declination effective September 1, 1937.

Wilson, Mildred J., Stenographer in the Department of Agricultural Engineering—declination effective September 1, 1937.

Wood, R. E., Assistant in Chemistry—declination effective September 1, 1937.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 15, 1937



The October meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, October 15, 1937.

When the Board convened, the following members were present: President Karraker, Mr. Adams, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; Mrs. Freeman and Dr. Meyer came later in the forenoon.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and, during part of the day, Professor Lloyd Morey, Comptroller, and Mr. C. S. Havens, Director of the Physical Plant Department.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

DEGREES CONFERRED IN OCTOBER, 1937

(1) A request for authority to confer the following degrees in October, 1937, as recommended by the University Senate.

On motion of Mr. Wieland, the President of the University was authorized to confer these degrees.

SUMMARY OF DEGREES, OCTOBER, 1937**Degrees in the Graduate School, conferred at Urbana:**

Master of Arts.....	71
Master of Science.....	<u>53</u>
<i>Total, Graduate School, Urbana.....</i>	<i>124</i>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences..	23
Bachelor of Science, College of Liberal Arts and Sciences	4
Bachelor of Science, College of Commerce.....	11
Bachelor of Science, College of Engineering.....	4
Bachelor of Science, College of Agriculture.....	6
Bachelor of Science, College of Education.....	34
Bachelor of Science, College of Fine and Applied Arts..	4
Bachelor of Music, College of Fine and Applied Arts....	1
Bachelor of Fine Arts, College of Fine and Applied Arts	1
Bachelor of Science, School of Journalism.....	1
Bachelor of Science, School of Physical Education.....	1
Bachelor of Science, Library School.....	<u>2</u>
<i>Total, Baccalaureate Degrees, Urbana.....</i>	<i>92</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	<u>2</u>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>218</i>

Degrees in Medicine, conferred at Chicago:

Bachelor of Medicine.....	3
Bachelor of Science in Medicine.....	<u>18</u>
<i>Total, Medicine.....</i>	<i>21</i>

Degrees in the Graduate School, conferred at Chicago:

Master of Arts.....	2
Master of Science.....	<u>5</u>
<i>Total, Graduate School, Chicago.....</i>	<i>7</i>
<i>Total, Degrees Conferred at Chicago.....</i>	<i>28</i>
<i>Total, Urbana and Chicago, October, 1937.....</i>	<i>246</i>

Degrees Conferred at Urbana**GRADUATE SCHOOL****Degree of Master of Arts***In Accountancy*

GEORGE MEEHAN HITTLER, A.B., Hanover College, 1926

In Economics

ROBERT HAROLD CLASSON, B.Ed., Illinois State Normal University, 1930
JOHN REID TAYLOR, A.B., West Virginia University, 1936

In Education

FREDERICK HENRY ABELL, A.B., State University of Iowa, 1929
 GLADYS FERN BANE, A.B., Illinois Wesleyan University, 1925
 CARL WILLIAM BAYLOR, B.S., 1933
 BYRON PEARCE BLACKARD, B.Mus., 1930
 ANNA LOIS BOTTENFIELD, A.B., 1930
 EDWIN McDONALD BRIGHAM, B.S., Illinois Wesleyan University, 1926
 GEORGE EDWARD BUROW, A.B., Illinois Wesleyan University, 1931
 ANN ELIZABETH DRISCOLL, B.Ed., Eastern Illinois State Teachers College, 1930
 MAURICE EVERETT FOREMAN, B.Ed., Eastern Illinois State Teachers College, 1927
 JONAS CHARLES HALL, A.B., Hanover College, 1927
 DWIGHT KENNETH HOWELL, B.S., 1929
 JOHN ROBERT IVERS, B.Ed., Southern Illinois State Normal University, 1931
 MARTHA MAY JAMES, A.B., Illinois Wesleyan University, 1912
 WARREN DONALD KUSTER, B.Ed., Illinois State Normal University, 1930
 A. MAX LOLLAR, B.Ed., Southern Illinois State Normal University, 1927
 ALVA W. MEAD, B.Ed., Illinois State Normal University, 1932
 CHARLIE JOHNSON MOORE, B.Ed., Southern Illinois State Normal University, 1933
 DONALD WILLIAM OVERBEAY, A.B., Illinois College, 1932
 WAYNE LOIS PERRY, B.Ed., Southern Illinois State Normal University, 1932
 PAUL HENDERSON RANDOLPH, B.Ed., Southern Illinois State Normal University, 1928
 ORVILLE HOWARD ROLL, A.B., Illinois Wesleyan University, 1923
 PERLE FREDRICK SHAFER, B.S., University of Iowa, 1926
 GEORGE BUREN SHIVE, B.Ed., Western Illinois State Teachers College, 1928
 GLADYS OLIVIA SMITH, B.Ed., Southern Illinois State Normal University, 1928
 DAVID MACAULAY STROUP, B.Ed., Southern Illinois State Normal University, 1930
 ROBERT LOUIS YATES, B.S., Culver-Stockton College, 1927

In English

ANITA HART BERGREN, A.B., Lake Forest College, 1926
 JOHN CONRAD BUSHMAN, A.B., 1936
 ARLEEN MARIE GREEN FRY, A.B., 1928
 DAYNE HARRISON KENNEDY, A.B., 1932
 KENNETH HARRISON LOVETT, A.B., Wabash College, 1926
 ETHEL ALICE RAGLAND, A.B., 1929
 JESSE PAUL REED, A.B., 1936
 HUGH WILLIAMS SARGENT, A.B., Shurtleff College, 1936
 DOROTHY HELEN SHINOSKE, A.B., James Millikin University, 1932
 SISTER MARY NAOMI BUSSEY, A.B., University of Iowa, 1919
 SISTER MARY XAVIER GRAHAM, A.B., Rosary College, 1927
 MARGARET LOUISE WIXSON, A.B., Indiana State Teachers College, 1935

In German

JOHN PORTER ROBERTSON, A.B., University of Pittsburgh, 1934
 GUENTER GEORGE SCHMALZ, B.Ed., Illinois State Normal University, 1935

In History

DOROTHY MARIE BASH, B.S., 1929
 JAMES HARRISON CHERRY, B.Ed., Eastern Illinois State Teachers College, 1932
 GRETTE LEE ELLIOTT, B.S., 1935
 NORMA FLOYD, B.S., 1936
 WELKER WILLIAM HENDERSON, A.B., 1933
 FRED VINCENT MAYHUE, B.S., 1929
 IVAN LUTHER REHN, B.Ed., Illinois State Normal University, 1935
 MACRAE DARWIN SHANNON, B.S., 1933
 SISTER MARY LUCIA GILBERTSON, A.B., Rosary College, 1926
 FRANCES HELEN TROST, A.B., 1914
 JOHN SHUP WRIGHT, A.B., 1931
 GAIL EUGENIA YOST, B.Ed., Illinois State Normal University, 1926

In Library Science

HENRIETTA HOWELL, A.B., University of Kentucky, 1929; B.S. (Lib.), 1930
HELEN STEWART, A.B., Grinnell College, 1915; B.S. (Lib.), 1928

In Mathematics

JOSEPH STEPHEN KIRK, B.Ed., Eastern Illinois State Teachers College, 1932
CLARA WHITFIELD MASON, B.Ed., Illinois State Normal University, 1928
MARDELLE NEWSOM, A.B., Wheaton College, 1932
RUPERT MAURICE PRICE, B.S., Eureka College, 1927
MURIEL CLAIRE SHEPPERD, A.B., Hastings College, 1914
SISTER MARY ALEXANDREE CHRISTIE, A.B., Rosary College, 1925
SISTER MARY MAGDALEN O'LEARY, Ph.B., Creighton University, 1928
MARTHA PAULINE WALKER, B.Ed., Illinois State Normal University, 1925

In Psychology

JULIUS WANSEER HILL, A.B., Johnson C. Smith University, 1932
PEARL REBECCA MILLER, A.B., 1935

In Romance Languages

ELOISE MILLS SPURLOCK, B.S., 1932

In Sociology

ANNABELLE SCROGIN, A.B., Illinois Wesleyan University, 1936

In Zoology

ALICE ELINOR SAVAGE, A.B., 1924
ARNOLD LARSON SODERWALL, A.B., Linfield College, 1936

Degree of Master of Science*In Accountancy*

MAXWELL BEN COGBURN, B.S., University of Florida, 1934
RAYMOND EINHORN, B.S., University of Florida, 1935
LELAND ALBERT MEYER, B.S., 1929
JOSEPH JOHN ZBORNIK, B.S., 1933

In Agricultural Economics

DAVID ALVIN BURGOYNE, B.S., Utah State Agricultural College, 1919
JOHN LEMLEY LILES, JR., B.S., Alabama Polytechnic Institute, 1936
PAUL SINCLAIR MCCOMAS, B.S., University of Kentucky, 1936
WILFORD HERMAN ROHLFS, B.S., Michigan State College, 1932

In Agronomy

IRWIN RAYMOND HOENER, B.S., 1936

In Animal Husbandry

ARTHUR EDISON CULLISON, B.S., 1936
EMORY GRANT HOLT, B.S., 1931

In Bacteriology

JOHN RUSSEL STOREY, A.B., Illinois College, 1930

In Chemistry

JOSEPH ARTHUR BERGANTZ, B.S., University of Tennessee, 1934
EMIL FREDERICK BLASE, B.S., 1936
HAMILTON RODELL FISHBACK, B.S., 1936
JACOB KLEINBERG, B.S., Randolph-Macon College, 1934
JOHN ARTHUR MCILROY, B.S., Indiana University, 1936
MAX BEST MUELLER, A.B., 1936
FREDERIC WILLIAM RING, B.S., University of Chattanooga, 1936
COLLIN SHERMAN WILCOX, A.B., 1928
JOHN MACREADY YANCEY, B.S., McGill University, 1935

In Civil Engineering

TIEA SHU, B.S., Fuh Tan University, 1936

In Dairy Husbandry

WILLIAM HOWARD BROWN, B.S., Iowa State College, 1935

HIRAM PIERSON SMITH, B.S., Ohio State University, 1936

WILMER RAY SMITTLE, B.S., Kansas State College of Agriculture and Applied Science, 1936

In Economics

ELVA WINIFRED MARTIN, B.S., 1930

In Education

DONALD HISER BERST, B.S., Missouri State Teachers College, 1927

ZAE PAUL BIRKHEAD, A.B., Illinois State Normal University, 1930

FLOYD EDWARD BRETT, B.S., 1933

JOHN OSCAR CLEMENS, B.Ed., Southern Illinois State Normal University, 1932

AMOS COLEMAN, B.Ed., Southern Illinois State Normal University, 1932

GLENN LACROIX DARE, B.S., 1931

ALVA LESTER FRY, B.S., 1931

CLAYTON MAJOR HADLEY, B.S., 1930

ORA EVANS HARNESS, B.S., Ball State Teachers College, 1931

AUSBY ELMORE HENDY, B.S., 1934

ADOLPH EDWARD KATRA, Ph.C., B.S., 1930, 1936

CECIL HAROLD LANHAM, B.S., 1932, 1935

DORRIS LOUISE LEE, B.Ed., Illinois State Normal University, 1935

JOHN PENICK LIGGETT, B.S., 1933

HAMILTON STERLING LITTLEPAGE, B.S., Eureka College, 1924

HERBERT PORTER MCCONNELL, B.S., 1928

STERLING LIONEL MOAK, B.S., Knox College, 1929

HARRY EDGAR MUELLER, B.S., McKendree College, 1926

JOHN HENRY WINDOM, B.S., 1932

CLARK E. YOUMANS, B.S., 1933

In Entomology

RUTH EVELYN SLABAUGH, A.B., Manchester College, 1934

In Mathematics

RAY CLARENCE GWILLIM, B.S., Shurtleff College, 1930

In Physics

WILLET SIDNEY BRADLEY DEAN, B.Ed., Southern Illinois State Normal University, 1930

In Zoology

MARGARET BERNICE HINSHAW, B.Ed., Illinois State Normal University, 1926

HUGO LINDQUIST, A.B., Illinois Wesleyan University, 1928

MILDRED PARIZEK, B.S., 1932

DONALD JOSEPH PLUNKETT, B.S., University of Notre Dame, 1929

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts*In Liberal Arts and Sciences*

MOE BERGMAN

MARGARET CATHERINE CLANCY

NORMAN DAVID COGGESHALL

DUANE AUSTIN CULLINAN

JACK WYBRANT DURANT

JULIUS EPSTEIN

DONALD WILBERT FRANKLIN

WILLIAM PHILIP HART, JR.

JOHN MIGUEL JONES

GERTRUDE L. LIEBERMAN

BERNARD WILLIAM LITVEN

RICHARD FREDERICK LORENZ

CATHERINE MARGARET MALLOY

RUSSELL BALDWIN NELSON

OWEN JOSEPH MCCARTHY

OTHO MORGAN ROBINSON

EDITH MURIEL SHEPHERD

MARY HOYT STODDARD
 THOMAS ARCHIBALD STREET
 ANCEL MARION WILLEY

HENRY MASON WILSON, JR.
 WALLACE ROSCOE WINKLER
 GEORGE ALBERT WYETH

Degree of Bachelor of Science

In Liberal Arts and Sciences

JAMES WILLIAM FITZSIMONS

LESLIE HAROLD WARSHALL

In Chemistry

ORLIN LESLIE NORDER

In Chemical Engineering

RALPH HAYWARD ENGSTROM

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

GARRET DEKKER

VICTOR HAROLD HINZE

In Banking and Finance

JAMES WILLARD HILL

In Commerce and Law

LAWRENCE THOMPSON ALLEN, JR.

In Foreign Commerce

JOSEPH BERT McWILLIAMS

In General Business

RICHARD GWYNNE DUSKY
 HUGH FRANKLIN FOWLER
 MARY MARGARET SMITH

AUSTIN CARPENTER SMITHERS
 WILLIAM VAN DYKE

In Industrial Administration

RICHARD WELLS NORTON

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Engineering Physics

GEORGE WILBUR JAMES

In Mechanical Engineering

ALBERT ROHRER COLEMAN
 JAMES MILLER HOUCK

ROBERT WILLIAM HURSH

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JOHN HALL CHILDRESS
 CLAUDE ALBERT RITTMAYER

RALPH EMERSON SCHMIDT

In Home Economics

BURNICE GERTRUDE ADAMS
 GENEVIEVE MARGARET HAYS

CATHERINE ELIZABETH RIGGS

COLLEGE OF EDUCATION

Degree of Bachelor of Science*In Education*

GEORGE WASHINGTON ANDERSON	NOLA BERNICE MARTIN
WILLIAM FRANCIS BEALER	ESTHER MARION MIES
LILLIE ELSIE CARVETH	VIOLET HOLSINGER MUELLER
GERALDINE FERN CLOUD	MARJORIE MARIE OLSSON
MARY LOUISE CONWAY	GLADYS HALE POLLARD
WANDA MONDRONIA FATHEREE	CHARLOTTE HENRIETTA ROMANUS
HELEN LOUISE FENNELL	MARGARET DOROTHY SCHOCK
QUINTON WILLIAM FOUTCH	HILDA SELTZER
BRUCE GRANT	ARDETH ERNESTINE SHORT
MARY DRISCOLL GWYN	SISTER MARTINA MARGARET MEISTER
EDWARD CONRAD HANSEN	SISTER MARY AQUIN CONLEY
ALVIN FLOYD HILL	SISTER MARY JOANNA RYAN
PAUL JOWETT HORN	SISTER MARY THEODORE THEIN
MARY BERNICE KAERICHER, with Honors in Education	ROBERT TWINING STICKLER
HOWARD DONALD LEE	BEULAH WISHART SWENGEL
	MARY NATALIE VAN STEENBERG

In Home Economics Education

GWENDOLYN FRANCES HAMMER

In Industrial Education

HOWARD EVERETT GEIB

LEO C. MONTGOMERY

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science*In Architecture*

FRANK ALBERT SZILVASY

In Music Education

RACHEL L. SMITH, with Honors
ZELMA VIRGINIA CUNNINGHAM

EVELYN HERSHEY

Degree of Bachelor of Music

MARY ELIZA MILLS

Degree of Bachelor of Fine Arts*In Landscape Architecture*

RUTH DICKEY WHITE

COLLEGE OF LAW

Degree of Bachelor of Laws

MARSHALL EVANS MILLER, A.B., 1935

HAROLD HIMMEL VELDE, B.S., 1931

SCHOOL OF JOURNALISM

Degree of Bachelor of Science*In Journalism*

JOHN ROBERT REYNOLDS

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science*In Physical Education*

ELLSWORTH HOWARD FERGUSON

LIBRARY SCHOOL

Degree of Bachelor of Science*In Library Science*

MARY HERZOG, A.B., 1936

BENTHAL MAXIE McCOLLUM, A.B., 1931

Degrees Conferred in Chicago

COLLEGE OF MEDICINE

Degree of Bachelor of MedicineVINCENT JAMES GRECO
ANTHONY EDWARD SUKIS

DAVID WASSERMANN

Degree of Bachelor of Science*In Medicine*JACK MARK BAILIS
RAYMOND EMANUEL BENSON
THEODORE WALLINGFORD BROWN
STEPHEN MATTHEW CHASTEN
ARNOLD MELVIN COHN
DAVID THOMAS CURTIS
JAMES CONE FASH
COYE CARLTON MASON
DELBERT WESLEY MCKINNEYWESLEY EUGENE PELTZER
ANTONIE SHIRLEY PETKUS
ROBERT DIXON ROANE
WILLIAM ELLES RUSSELL
HERMAN C. SPRECHER
GEORGE EDWARD TWENTE
ROGER ALAN VAN ATTA
ANITA VARRAVETO
EVELYN WITTHOFF

GRADUATE SCHOOL (CHICAGO)

Degree of Master of Arts*In Psychology*ROBERTA PARKINSON FOSTER, A.B., Wellesley College, 1935
MILTON LAMBERT PHILLIPS, A.B., Stanford University, 1936**Degree of Master of Science***In Obstetrics and Gynecology*

DAVID WASSERMANN, B.S., 1935

In Pathology

ABRAHAM IZZAK JACKMAN, B.S., 1935

In Pediatrics

BENJAMIN MORRIS GASUL, B.S., University of Wisconsin, 1922; M.D., Rush Medical College, 1925

*In Surgery*JOHN TALBOT GERNON, B.S., M.D., 1927, 1929
ROBERT EARL REAGAN, B.S., M.D., 1928, 1930**DEGREE OF DOCTOR OF PHILOSOPHY TO BE
CONFERRED IN OCTOBER**

(2) The University Senate recommends that the degree of Doctor of Philosophy be conferred in October, as well as in February and June.

On motion of Mr. Pogue, this recommendation was concurred in.
At this point, Mrs. Freeman took her place with the Board.

REQUIREMENT FOR BACHELOR OF SCIENCE DEGREE IN DENTISTRY

(3) On recommendation of the faculty of the College of Dentistry, the University Senate recommends the following additional requirement for the degree of Bachelor of Science in Dentistry:

A student must have completed the courses of the first two years in the College of Dentistry with the grade of C or better in at least three-fourths of his work.

On motion of Mrs. Plumb, this requirement was adopted as recommended.

ADVISORY COMMITTEES IN AGRICULTURE

(4) A recommendation for the appointment of the following Advisory Committees for the College of Agriculture and the Agricultural Experiment Station:

Agricultural Economics

RALPH ALLEN, JR., Delavan
FRANK S. GARWOOD, Stonington
ERNEST D. LAWRENCE, Bloomington
CLIFFORD P. MILLS, St. Joseph
HENRY H. PARKS, Genoa

Dairy Husbandry

HARRY M. WOOD, Delavan
JOSEPH STUTZMAN, Carlock
W. D. DOTTERRER, 140 W. Ontario,
Chicago
ALBERT C. KOHLMER, Waterloo
ARTHUR STATES, Elwood

Agricultural Engineering

H. G. ABBOTT, Fulton
B. C. FULLING, Palestine
R. S. McCORMICK, Gibson City
N. G. MORGAN, Galva
R. B. ENDICOTT, Villa Ridge

Floriculture

J. F. AMMANN, Edwardsville
RUDOLPH SCHEFFLER, Wheaton
F. L. WASHBURN, Bloomington
JAMES SYKORA, 729 S. Wabash,
Chicago
GEORGE J. BALL, West Chicago

Agronomy (Farm Crops)

L. B. EIDMAN, Mascoutah
EUGENE FUNK, Bloomington
W. W. McLAUGHLIN, Decatur
C. B. SHUMAN, Sullivan
O. J. SOMMER, Pekin

Horticulture

C. F. HEATON, New Burnside
AUGUST GEWEKE, Des Plaines
W. S. PERRINE, Centralia
H. M. DUNLAP, 510 W. Green,
Champaign
F. H. SIMPSON, Flora

Agronomy (Soils)

G. A. LAZIER, Rochelle
W. E. RIEGEL, Tolono
G. F. TULLOCK, Rockford

General Advisory Committee

ERNEST D. LAWRENCE, Agricultural
Economics
H. G. ABBOTT, Agricultural Engi-
neering
W. E. RIEGEL, Agronomy (Farm
Crops and Soils)
J. R. FULKERSON, Animal Husbandry
HARRY M. WOOD, Dairy Husbandry
W. S. PERRINE, Horticulture

Animal Husbandry

J. R. FULKERSON, Jerseyville
L. E. MATHERS, Mason City
J. W. FRAZIER, Charleston
LYMAN BUNTING, Ellery
J. J. HORNUNG, Ottawa

On motion of Mr. Moschel, these committees were appointed as recommended.

REQUEST OF PROFESSOR FREDERIC E. LEE

(5) A request from Professor Frederic E. Lee, of the Department of Economics, for authority to perform certain professional services of a research character for the Illinois Bankers' Association during the academic year 1937-1938, for which he will receive compensation from the Association.

The Dean of the College of Commerce recommends that Professor Lee be authorized to do this work on condition that it will not be permitted to interfere in any way with his University duties, including not only his teaching but also

the normal amount of committee work which a member of the staff is expected to render. If this authorization is granted I would recommend as another condition that his compensation be on a consulting fee basis only and not in the form of a salary, that this arrangement be limited to the academic year ending August 31, 1938, with no right of continuance implied, and that it be subject to cancellation if in the opinion of the Dean of the College the interests of the University require the arrangement to be terminated.

On motion of Mr. Mayer, this request was granted under the conditions recommended.

LEAVES OF ABSENCE GRANTED MEMBERS OF THE STAFF

(6) A report that leaves of absence have been granted the following members of the staff for the periods and under the conditions indicated in each case:

1. Dr. Myron C. Benford, Instructor in the Department of Ophthalmology, the month of October, 1937, without pay, for which time he is being assigned to the office of Dispensary Superintendent. The unused portion of Dr. Benford's salary should be made available to carry on his work in the Department of Ophthalmology.

2. Miss Freda F. Walker, Secretary to the Dean of the College of Commerce, three months (October 15, 1937, to January 15, 1938), in addition to the usual sick leave of fifteen days on full pay and vacation allowance with full pay, on account of her health, on part pay (\$83.33 a month).

3. Mr. Louis Pelzmann, Physiotherapist in the Department of Orthopaedics, September 27 to December 1, 1937, with full pay on account of illness.

4. Dr. S. H. Kraines, Associate in the Department of Psychiatry, seven months beginning September 1, 1937, without pay, for travel and study abroad.

5. Mr. Frank M. Irvine, Grounds Foreman, one month (September 27 to October 27, 1937), on account of illness, with full pay in addition to the vacation and sick leave allowance to which he is entitled under the Statutes.

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

APPROPRIATION FOR DEPARTMENT OF PEDIATRICS

(7) A recommendation that an assignment of \$600 be made from the General Reserve Fund to the Department of Pediatrics in the College of Medicine to pay a part of the salary of an instructor in contagious diseases at the Chicago Municipal Contagious Hospital. The balance of his salary will be paid by the Loyola University Medical School and he will divide his time between the senior students of the two universities who are sent to the Municipal Contagious Hospital for their regular work in contagious diseases.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer.

APPROPRIATION TO SCHOOL OF PHYSICAL EDUCATION

(8) A recommendation that an assignment of \$300 be made from the General Reserve Fund to the School of Physical Education to supplement certain adjustments which have been made within the budget in order to provide for the wages of an employee in the School of Physical Education to set up and remove equipment, make repairs, and do miscellaneous work as needed.

On motion of Mr. Moschel, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer.

APPROPRIATION TO MILITARY DEPARTMENT

(9) A recommendation that an assignment of \$500, or so much thereof as may be necessary, be made from the General Reserve Fund to the Military Depart-

ment for the purchase of equipment. Since this is a non-recurring item of expense, provision was not included for it in the budget of the Department.

On motion of Mr. Pogue, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR SCHOOL OF MUSIC

(10) A recommendation that an assignment of \$750 be made from the General Reserve Fund for the purchase of a piano to replace an instrument which will be turned over to the Radio Station.

On motion of Mr. Wieland, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer.

ADJUSTMENTS IN THE BUDGET

(11) In approving the budget for 1937-1938 the Board authorized the President of the University to make such changes and adjustments as are needed. Under this authorization the following adjustments have been made during the first fiscal quarter ending September 30, 1937, and are being reported for record with the recommendation that an assignment of \$1,800 be made from the General Reserve Fund to cover them:

Permanent additions to current budget:

English salaries (increase in rate paid Lawrence Houtchens, instructor).....	\$ 200 00
German salaries (increase in rate paid R. T. Ittner, instructor).....	200 00
Animal nutrition, college salaries (increase in rate paid T. S. Hamilton, associate).....	400 00
Home economics education salaries (new position to be filled by Gertrude Seyb, assistant).....	1 000 00
<i>Total additions</i>	<i>\$1 800 00</i>

On motion of Mr. Mayer, this report was received for record, and the appropriation was made as recommended by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer.

ADJUSTMENTS IN THE BUDGET OF THE ATHLETIC ASSOCIATION

(12) The Board of Directors of the Athletic Association has made the following assignments of funds from the surplus of the Association:

Repairs at Stadium.....	\$8 643 00
Addition to staff of K. J. Nelson.....	800 00
Football traffic.....	300 00
Loan to Chicago Illini Club for Zuppke banquet.....	800 00 ¹
Block I and football pageantry.....	1 000 00
Equipment for Intramural Office.....	150 00

The surplus carried forward at the end of the fiscal year 1936-1937 amounted to \$67,480 from which an appropriation of \$9,200 was made for the purchase of a cover for the football field. The unappropriated balance of the estimated income for the current year as the budget now stands is \$6,284, but this will be increased because the sale of Athletic Association coupon books and

¹This is to help the Chicago Illini Club to finance a banquet and the Club will pay this back to the Association after the occasion.

of football tickets has already exceeded estimated receipts. Consequently the Association has sufficient funds for these purposes.

On motion of Mr. Moschel, these adjustments were approved.

INCREASE IN WAGE RATES FOR PAINTERS

(13) The Director of the Physical Plant Department reports an increase in the wage rates for painters from \$1.00 to \$1.12½ an hour, effective July 1, 1937, and that beginning November 1, these rates will again be increased to \$1.25 an hour.

This report was received for record.

JANITORS' WAGES

(14) On July 16, 1937 (Minutes, page 313), the Board authorized an increase in the wages of janitors from the present scale of 49 cents for day work and 53½ cents for night work to 56 cents an hour. These employees had previously requested a rate of 60 cents an hour. They have now offered an alternative proposal, viz., a 48-hour week at 60 cents an hour with time off on a Saturday when it is necessary to work on the preceding Sunday. This proposal was referred to the Faculty Committee on Wages, and after careful consideration the Committee has reached the conclusion that it cannot recommend the adjustment requested for the following reasons:

1. The budget for the current year is definitely set and the same is true as to the budget for the biennium, since the income for the second year of the biennium is substantially the same as for the first year.

2. To make any revision in the rate of compensation for any one group would necessitate reconsideration of the rates of many other groups. In the Physical Plant alone, it is estimated that, if the request of the janitors were accepted, other adjustments would be necessary to maintain an equitable relationship, so that the total added cost in that department alone would be from \$18,000 to \$20,000 a year. The committee does not feel it would be possible to limit such adjustments to one department without creating an injustice. Furthermore, if consideration is given to the adjustment of wage scales, the problem of salaries of appointed members of the staff would have to be considered. Such a revision is obviously impossible.

On motion of Mr. Pogue, the recommendation of the committee was approved. Mrs. Plumb asked to be recorded as voting no on this motion.

On motion of Mrs. Plumb, the President of the University was requested to refer the matter of wages for janitors to the Committee on Wages for study in connection with the budget of the next biennium.

At this point, Dr. Meyer took his place with the Board.

SKATING RINK REPAIRS

(15) As previously reported to the Board, the Skating Rink floor is in need of extensive repairs, due to the failure of the pipes under the concrete floor which carry the refrigerant.

The Director of the Physical Plant Department reports that the cost of these repairs will not exceed a maximum of \$30,000, and that the work may be done for less. The Directors of the Athletic Association have agreed to advance one-half of the cost of these repairs and to pay the balance before the end of the biennium, provided that the University will advance the balance (estimated at \$15,000) from its funds as a loan.

If the Board decides to assist the Association in making these repairs the Director of the Physical Plant Department should be authorized to secure bids on this work. In that event, he requests instruction whether his Department should also submit a bid.

On motion of Mr. Adams, an appropriation of \$15,000, or so much

thereof as may be necessary, was made from the General Reserve Fund to be used toward the repair of the Skating Rink, on condition that the Athletic Association be required to repay this loan on demand, on sixty days notice within the current biennium. This appropriation was made by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mr. Horner.

Director Havens made a statement concerning the repair of the Skating Rink floor.

On motion of Dr. Meyer, the Physical Plant Department was instructed to submit an estimate of the cost of these repairs, and do the work with its own employees, acting as agent for and in conjunction with the Athletic Association.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(16) In accordance with the authorization of the Board on January 24, 1936, the following change orders in the contracts for equipment for the second unit of the Medical and Dental Building have been approved and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing contract change orders on the second unit of the Medical and Dental College Laboratories Building.

For furnishing 49 pedestal tablet arm chairs in Room No. 136 as originally specified in the Furniture Schedule and not as changed by paragraph 19 of Addenda No. 1. *No change in contract price*

For the omission of the installation and assembling of 49 pedestal tablet arm chairs in Room No. 136. Chairs to remain boxed and to be stored where directed by the Owner. In accordance with proposal dated August 30, 1937, deduct the sum of. \$34 30

For changing the Instructor's Chair in Room No. 136 to a Johnson Chair Company's Chair No. 957-W. *No change in contract price*

For omitting and adding window shades as per attached list. . *No change in contract price*

On motion of Mrs. Plumb, the resolution was adopted as recommended.

PURCHASES RECOMMENDED

(17) A recommendation that the following purchases be authorized:

1. Pyrex Laboratory Glassware, 108 cases, for the General Chemical Store-room, from the W. M. Welch Manufacturing Company, Chicago, at a price of approximately \$2,055.00. This is a non-competitive item.

2. Three thousand two hundred twenty diplomas, printed from steel engraving on sheepskin parchment, from the W. M. Welch Manufacturing Company, Chicago, the lowest bidder, at a price of \$1,062.60.

3. Two cars of mixed lumber from Edward Hines Lumber Company, Chicago, at a price of \$3,418.50 f.o.b. Urbana. (This bid is \$70.50 higher than the low bid, but the Purchasing Agent and the Comptroller recommend that the order be placed with this company because of the fine quality of lumber that has been furnished on previous orders and because it is an Illinois concern whereas the lowest bidder is not and his product is not known.)

4. White Sulphite Bond paper, 6,000 reams 8 $\frac{3}{8}$ " by 10 $\frac{7}{8}$ "—16 lb. substance No. 4, from the Chicago Paper Company, the lowest bidder, at a price of \$1,440, f.o.b. Urbana.

5. One National Bookkeeping Machine to replace old machine from National Cash Register Company at a net price (after allowance for old machine and discount) of \$1,122.35.

6. One ton 100 per cent Rag Bond with watermark of the University Seal, 22" by 34"—40 lb.; 200 lbs. 22" by 34"—32 lb.; 1000 lbs. 17" by 22"—13 lb. from the J. W. Butler Paper Company, Chicago, the lowest bidder, at a price of \$1,088.64.

Mr. Mayer offered a motion that these purchases be authorized as recommended, except that of the lumber, which should be purchased from the lowest bidder, the Missouri Lumber Company.

On motion of Mr. Adams, the motion was amended, by vote of 5 to 4, by striking out everything after the word "recommended," and the original motion was adopted as amended.

PURCHASES AUTHORIZED

(18) The following report of purchases authorized by the President of the University since the last report:

1. Seventy-five No. 2 TMC Dental Lathes, each fitted with one right hand stone chuck and one left hand taper chuck from the Central Dental Manufacturing Company, the lowest bidder, at a price of \$2,100. These are being purchased for resale to students.

2. One hundred thirty-five student instrument cases from H. Gerstner & Sons Company, the lowest bidder, at a price of \$2,430.

On motion of Dr. Meyer, the action of the President of the University in authorizing these purchases was confirmed.

BALANCE IN ACCOUNTANCY FUND

(19) Under a State law passed in 1903 the University has the responsibility of examining applicants for the certificate of Certified Public Accountant, and in other respects the administration of this law is in the Board of Trustees. The Board appoints a board of three examiners to prepare, conduct, and grade examinations, and a University committee to conduct the routine and administrative work. Two examinations are usually held, one in May and the other in November or December. A fee of \$25, fixed by law, is charged each candidate taking the examination. The receipts from fees are used to cover the expenses of conducting the examinations and otherwise in administering the law.

Prior to the passage of the law requiring the University to deposit all of its income from fees, sales, and other sources in the State Treasury, the fees from the C.P.A. examinations were carried in a separate fund, but they must now be deposited in the State Treasury along with other University income. The C.P.A. fund is still carried as a separate account, and at the end of the fiscal year 1936-1937 there was a balance of \$33,051.66 in this fund which is considerably more than is needed for the administration of the C.P.A. law. This large balance has resulted from the excess of income over expenditures, or at any rate over the expenses charged to that fund since 1903. The examination fee, being fixed by law, cannot be reduced.

The question has been raised previously concerning the use of this balance for general University purposes. On May 31, 1932, the Attorney-General of Illinois, whose advice was sought on this question, advised as follows:

"It is therefore my opinion that any surplus over the necessary reserve for contingencies should be placed in the local revolving fund of the University to be used as any other surplus from the collection of similar fees, in the manner which is outlined by you."

The Committee on Accountancy has objected to the use of this fund for general purposes on the ground that it is contrary to public policy and that until the General Assembly directs otherwise the funds should be held as a separate or trust fund. When the Attorney-General rendered his opinion the

General Assembly had not amended the State Finance Act requiring the deposit in the State Treasury of all moneys received by the University except endowment, trust, and Federal aid funds. The same act provides that "The General Assembly from time to time shall make appropriations payable from the University of Illinois Revolving Fund for the support, operations, and improvement of the University of Illinois." Since this legislation went into effect the General Assembly has appropriated the entire amount in the Revolving Fund for the use of the University. The General Assembly did not exempt the receipts from C.P.A. examination fees from the requirement of deposit in the State Treasury. Had the General Assembly intended to treat this fund as in any sense exceptional, it presumably would have exempted it from the provisions of the amendment at the time it listed certain other funds to be so excepted. The University Counsel advises that under principles of statutory construction this omission must be construed as having been deliberate and not inadvertent.

This matter is being brought to the attention of the Board again at this time in view of the shortage of funds for various general purposes. Should the Board decide to assign the present balance and future accumulations in the Accountancy Fund to general purposes it would be advisable to retain in the fund a balance of approximately \$10,000 for contingencies such as the expenses of possible litigation in connection with the administration of the law and to provide a reserve in case the income from examination fees at some future time should not be sufficient to cover the expenses of giving the examinations.

On motion of Dr. Meyer, the balance and the future accumulations in the Accountancy Fund, over and above \$10,000 which is set up as a reserve for the Accountancy Fund, was reverted to the General Reserve Fund of the University.

PATENTS OF MECHANISM FOR TESTING BOILER WATER AND METHOD OF CHLORIDE CONCENTRATION

(20) The Faculty Committee on Patents recommends that authority be given to Professor F. G. Straub to make application for two patents, (1) a mechanism for testing samples of boiler water to determine whether it would produce embrittlement, and (2) a method for maintaining suitable chloride concentration in boiler water to prevent embrittlement.

On motion of Mr. Mayer, Professor Straub was authorized to make application for patents on these discoveries on behalf of the University.

SALE OF SECURITIES

Mr. Mayer, for the Finance Committee, reported as follows:

The Board has authorized the sale of certain securities representing the investments of University endowment funds. In order to conclude the sale it is necessary that the Board designate by formal resolution an officer to make assignments on behalf of the Board. Accordingly the following resolutions are offered:

Whereas, at a regular meeting of the Board of Trustees of the University of Illinois held on September 27, 1937 (Minutes, page 489), the Board, on recommendation of the finance committee, authorized the sale of the following securities registered in the name of the Board of Trustees of the University of Illinois:

\$10,000 Corporate stock of the City of New York (to provide for dock improvements) issue of July 1, 1925,

Be it hereby resolved that Lloyd Morey, Comptroller of the Board of Trustees, be and hereby is authorized to execute such assignment on behalf of this Board of Trustees as may be necessary to effect the transfer of the above securities for the purpose of sale.

Whereas, at a regular meeting of the Board of Trustees of the University of Illinois, held on August 2, 1937 at which a quorum was present, the Board, on recommendation of the finance committee, authorized the sale of the following securities registered in the name of the Board of Trustees of the University of Illinois:

\$5,000 City of Detroit, Michigan, Street Railway Registered bonds, 5½%, due August 15, 1944.

\$ 100 Associated Gas and Electric Company, Gold debenture bond (registered) 5%, due October 1, 1968.

\$1,000 Chicago and West Towns Railways, Inc. First mortgage bond, 5% (payable as earned), due July 1, 1937.

Be it hereby resolved that Lloyd Morey, Comptroller of the Board of Trustees, be and hereby is authorized to execute such assignment on behalf of this Board of Trustees as may be necessary to effect the transfer of the above securities for the purpose of sale.

On motion of Mr. Mayer, these resolutions were adopted.

SALES AND PURCHASES OF ENDOWMENT INVESTMENTS

Mr. Mayer, for the Finance Committee, reported also that the Comptroller reports the following sales and purchases of endowment investments which have been executed pursuant to authorization of the Board of Trustees:

GROUP INVESTMENTS SALES

Par	Description	Price at which sold	Book value at time of sale	Amount realized from sale	Net loss
\$5 000	City of Detroit Street Railway, 5½% bonds, due 1944	104.8411	\$5 583 76	\$5 242 06	\$341 70

STUDENT LOAN FUND SALES

\$100	Associated Gas and Electric Co., 5% bonds, due 1968 (received as a gift)	43	\$100 00	\$43 00	\$57 00
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GROUP INVESTMENTS PURCHASES

Par	Description	Price at which purchased	Yield	Book value
\$10 000	Public Service Co. of Oklahoma, first series A, 4% bonds, due 1966	101½	3.9	\$10 150 00
7 000	Louisiana Power and Light Co. 5% bonds, due 1957	105½	4.58	7 385 00
3 000	Louisiana Power and Light Co. 5% bonds, due 1957	103¾	4.71	3 112 50
4 000	Gulf States Utilities 4% bonds, due 1966	101¾	3.89	4 075 00
3 000	Gulf States Utilities 4% bonds, due 1966	102	3.89	3 060 00

On motion of Mr. Mayer, the action of the Comptroller in making these sales and purchases was approved and confirmed.

GRANT PIPE FILLER COMPOUND

Mr. Pogue, for the Committee on Patents, reported a recommendation that the University Counsel be authorized to draw up an agreement with the Berry Asphalt Company providing for the continuation for one year of the present arrangement, giving the Company exclusive use of the Grant process of making sewer pipe filler compound, at a royalty of five per cent, and for an additional year at a royalty to be determined.

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

RESOLUTION ON THE DEATH OF DR. WILLIAM L. NOBLE

Dr. Meyer presented the following resolution, which was unanimously adopted.

The Board of Trustees of the University of Illinois has learned with deep sorrow of the death of Dr. William L. Noble, a former member of this Board, who passed away on October 14, 1937.

Dr. Noble served on the Board of Trustees for two terms, from March, 1921, to March, 1933. During three years of this period he also served as President of the Board.

The Board of Trustees desires to express its appreciation of the services of Dr. Noble, not only as a member of this body but in other public offices as well. As an honored member of the medical profession he also served mankind long and well.

In recording this appreciation and tribute to the memory of a former colleague, the Board directs its Secretary to send a copy of this resolution to the family of Dr. Noble as an expression of the Board's deepest sympathy with them in the great loss they have suffered.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

REPORT OF CONTRACTS

(21) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER NOT PREVIOUSLY
AUTHORIZED BY THE BOARD
SEPTEMBER 20, 1937 TO OCTOBER 9, 1937

Minor contracts executed under general regulations of Board of Trustees:

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by University</i>	<i>Date</i>
United States Department of Agriculture	Lease to University of power lines at Dixon Springs Experiment Station	None	August 2, 1937
United States Department of Agriculture	Lease to University of two houses and service buildings at Dixon Springs Experiment Station	None	August 6, 1937
Illinois Iowa Power Company	Agreement covering electrical stand-by service at McKinley Hospital. (See action of Board, December 15, 1936, Minutes, page 126).	Published rates	September 15, 1937

This report was received for record.

REPORT ON EFFECT OF CHARGE FOR DEFERRED PAYMENT OF FEES

(22) The Comptroller reports that as a result of a nominal charge of \$1.00 established by the Board for every case of deferred fees in lieu of the previous provision under which the full amount of the charge was refunded if fees were paid within ten days, the amount of deferred fees in the Urbana Departments was reduced by 23.7 per cent; the amount of deferred fees in the Chicago Departments was also reduced although the total amount of fees is about ten per cent greater than last year.

This report was received for record.

TREASURER'S STATEMENT OF RECEIPTS AND DISBURSEMENTS

(23) The following statements submitted by the Treasurer of the University, showing receipts and disbursements covering the period March 1 to June 30, 1937; there is a separate statement showing receipts and disbursements on account of the Medical and Dental College Building Special Fund.

Signed copies of these statements are hereby given to the Secretary of the Board for record.

STATEMENT OF RECEIPTS AND DISBURSEMENTS

FRANK M. GORDON, TREASURER

UNIVERSITY OF ILLINOIS

MARCH 1, 1937, TO JUNE 30, 1937

Balance March 1, 1937..... \$465 229 36

Receipts:

March, 1937.....	\$180 713 55	
April, 1937.....	300 929 55	
May, 1937.....	234 239 14	
June, 1937.....	186 037 52	
		<u>901 919 76</u>
<i>Total, Receipts</i>		\$1 367 149 12

Disbursements (as per canceled checks returned to Comptroller):

March, 1937.....	\$187 111 04
April, 1937.....	200 097 83
May, 1937.....	207 086 18
June, 1937.....	323 445 90
<i>Total, Disbursements</i>	<u>917 740 95</u>

Balance on hand June 30, 1937 (on deposit at First National Bank
of Chicago)..... \$449 408 17

Note: U. S. securities having a market value of \$611,875.00 have been deposited by the First National Bank as collateral to secure the account.

F. M. GORDON, *Treasurer*

Correct: LLOYD MOREY, *Comptroller*

STATEMENT OF RECEIPTS AND DISBURSEMENTS

FRANK M. GORDON, TREASURER

MEDICAL AND DENTAL COLLEGE BUILDING—SPECIAL FUND

MARCH 1, 1937, TO JUNE 30, 1937

Balance March 1, 1937..... \$53 600 00

Receipts:

June, 1937.....	<u>13 412 19</u>
<i>Total, Balance and Receipts</i>	\$67 012 19

Disbursements (as per canceled checks returned to

Comptroller):

March, 1937.....	\$14 400 00	
April, 1937.....	7 200 00	
May, 1937.....	7 200 00	
<i>Total, Disbursements</i>		<u>28 800 00</u>

Balance on hand June 30, 1937 (on deposit at First National Bank of Chicago).....	\$38 212 19
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F. M. GORDON, *Treasurer*

Correct: LLOYD MOREY, *Comptroller*

This report was received for record.

STATE EMPLOYEES' ANNUITY FUND

(24) The Sixtieth General Assembly passed a law establishing a State Employees' Annuity Fund which would have affected the University. This bill, however, was vetoed by the Governor because of certain defects which made it impossible for the State Auditor of Public Accounts to carry out its provisions. The Comptroller has been informed that a similar bill may be introduced in a special session of the General Assembly. The sponsors of this legislation have offered to cooperate with officials of the University in drafting a new bill to make it more suitable from the University's point of view. The Comptroller has prepared a memorandum outlining the advantages and disadvantages of such legislation from the point of view of the University.

Professor Morey commented on this report.

On motion of Mr. Adams, this matter was referred to the Finance Committee for study and report.

At this point, Dr. Meyer withdrew.

EXCHANGE OF PROPERTY WITH UNIVERSITY OF CHICAGO

(25) The Physical Plant Department reports that the University of Chicago is now willing to consider the exchange of its property on Lincoln and Polk Streets and Winchester Avenue, now under lease to the University of Illinois, for the site of the old Medical Building. The Real Estate Manager of the University of Chicago states that a proposal to exchange these two properties without a cash consideration either way and taxes if any prorated to the date of delivery of deed will probably receive favorable consideration by the Trustees of the University of Chicago.

This report was received for record.

ILLINOIS BUDGETARY COMMISSION

(26) The Sixtieth General Assembly passed the following act which was approved July 1, 1937, creating the Illinois Budgetary Commission:

ILLINOIS BUDGETARY COMMISSION

(HOUSE BILL NO. 662. Approved July 9, 1937.)

AN ACT to establish the Illinois Budgetary Commission, to define its powers and duties, and to make an appropriation therefor.

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

SECTION 1. There is created the Illinois Budgetary Commission to consist of the Governor as ex officio member thereof, the chairmen of the Committees on appropriations of the House of Representatives and the Senate, two members of the Senate, appointed by the President thereof, upon the advice and consent of the Executive Committee, and two members of the House of Representatives, appointed by the Speaker thereof. Any vacancy in the Commission shall be filled by appointment in the same manner.

SECTION 2. The Governor shall serve as a member of said Commission during his term of office and until his successor is elected and qualified, as pro-

vided by law. The chairmen of the Committees on appropriations shall serve as members of said Commission until their respective successors are appointed chairmen of their respective committees. Those members of the Commission designated by the Speaker, and by the President, upon the advice and consent of the Executive Committee, shall serve until their successors are appointed in the manner hereinabove provided for their original appointment.

SECTION 3. The Commission shall organize during each regular session by selecting from its membership a chairman and shall provide rules for transacting its business and keeping records thereof. Four members shall constitute a quorum for the transaction of business. The members of the Commission shall receive no compensation for duties performed pursuant to this Act, but shall be reimbursed for necessary expenses incurred in connection with the performance of such duties.

SECTION 4. The Commission may employ a secretary and such clerical and other employees and assistants as it may deem necessary for the proper transaction of its business, and shall fix their salaries.

SECTION 5. The Commission shall meet during intervals between the regular sessions, and at such other times and places as the chairman of the Commission may determine.

SECTION 6. It shall be the duty of the Commission to make a thorough study and investigation of all State expenditures and income from any source. The Commission shall formulate and recommend a plan for the standardization and classification of all salaries, wages, fees and other compensation for services rendered to the State.

The Commission shall make a study of all license tax fees, and where such fees are for services rendered by the State, shall determine if said fees are inadequate for the services so rendered.

SECTION 7. The Commission shall present a report including its recommendations, to the Governor not later than the first day of September prior to the convening of the next regular session of the General Assembly, and shall present a duplicate report thereof to the next General Assembly.

SECTION 8. It shall be the duty of all departments, officers, institutions, boards, commissions and other State agencies to render to the Commission any assistance that may be required by the Commission for the purpose of preparing their report and recommendation pursuant to this Act.

SECTION 9. There is appropriated to the Illinois Budgetary Commission the sum of twenty-five thousand dollars (\$25,000), or so much thereof as may be necessary, for the purpose of carrying out the provisions of this Act.

APPROVED July 9, 1937.

It is probable that in due time the Commission will desire information concerning the University's finances and budget requirements for the biennium of 1939-1941.

This report was received for record.

**NOTICE TO ILLINOIS INDUSTRIAL COMMISSION RELATIVE TO
UNIVERSITY LIABILITY UNDER WORKMEN'S
COMPENSATION ACT**

(27) Some years ago Mr. J. R. Calvert was seriously injured while driving a milk truck for the University when he came into contact with a live wire hanging low or in part on the ground. He filed a suit against the Illinois Power and Light Corporation which ultimately found its way into the Appellate Court of the First District in Chicago where a decision was handed down in June, 1937.

The University Counsel reports that in this decision reference is made to an alleged acceptance by the University of the terms of the Workmen's Compensation Act. A purported document is referred to as constituting and containing such acceptance. This alleged acceptance has "The Board of Directors of the University of Illinois" typewritten or printed on it, but with no signature of any member of the Board appearing thereon and the document is in the files of the Illinois Industrial Commission. The Comptroller reports that in Febru-

ary of 1929 his office requested the Indemnity Insurance Company of North America to issue a combination policy covering persons engaged in cooperative research work and that this Company, without the knowledge and consent of the University, filed under date of February 12, 1929 with the Illinois Industrial Commission a form known as "Employer's written acceptance of the Illinois Workmen's Compensation Act." This fact did not come to the attention of the University for about two years. When it did the Comptroller endeavored to secure the return of the form, and, failing in that, notified the Industrial Commission on February 20, 1931, that the form had been filed without the knowledge or consent of the University and was therefore null and void. On February 25, 1931, the Commission acknowledged this notice.

The University Counsel is of the opinion that the Board of Trustees should take formal action requesting the Illinois Industrial Commission to remove from its files the document purporting to be acceptance of the Workmen's Compensation Act on the ground that this document is spurious, that its execution in any form was never authorized by the Board, and that no person was ever empowered by the Board to file acceptance of the terms of the Workmen's Compensation Act with the Commission. It is true that the University has in past years followed the provisions of this Act in compensating employees for injuries received in its service when the circumstances warranted acceptance of the liability, but the Board of Trustees has steadily taken the position that it was not subject to the terms of the Act.

On motion of Mr. Moschel, the Illinois Industrial Commission was requested to expunge the purported acceptance by the University of the Workmen's Compensation Act from the records of the Commission as having been made and filed without authorization of the Board of Trustees, and to make this motion a part of its files and furnish a copy of this motion as a part of any record of this unauthorized action to whomsoever a transcript of the record of this case may be given.

ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS

(28) At various times the University has been asked to become a member of the Association of Governing Boards of State Universities and Allied Institutions. Most of the state universities in the Middle West are members of this Association and the University of Illinois is about the only one in this group not represented.

Since this is an Association of boards of trustees and of regents, I am bringing the matter to the Board for its consideration.

No action was taken on this matter.

SAMUEL HARE LOAN FUND

(29) Under the terms of the will of the late Samuel Hare of Piper City the following bequest is made to the University:

"I give and bequeath to The Board of Trustees of the University of Illinois, all the rest and residue of my estate, and my said executor and trustee shall pay and deliver the same to said trustees, to be held by them in trust as a fund to be loaned to deserving and meritorious students attending such University, in Champaign County, Illinois, to be known as the Samuel and Lydia Hare Students' Loan Fund. The purpose of this bequest is to enable students who have by previous study demonstrated their worthiness but are without means to meet necessary student expenses to continue study in said University. Loans shall be made at current legal rates of interest and upon such security as said Board may deem adequate. The aggregate of loans made to any one student shall at no time exceed the sum of Five Hundred Dollars.

"The said fund and such accretions as may come to it by way of interest shall be permanent and perpetual and no part of it shall at any time be diverted from the purpose herein indicated."

Mr. Hare died on July 4, 1924, and by the terms of his will his wife, Lydia Hare, owned a life estate in all the testator's property. She died May 3, 1935,

since when the trustee of the estate has liquidated the same as directed in the will.

An auditor's account of the trustee's transactions in this estate indicates that the amount to be received by the University is \$13,597.10. The attorney for the estate has asked that if the Board of Trustees of the University determines to accept the bequest it pass a resolution to that effect and the following is hereby offered:

RESOLUTION

Whereas, Samuel Hare, who died on July 4, 1924, left a will in which he bequeathed to the Board of Trustees of the University of Illinois a sum of money in trust to be used as a loan fund, the language of the gift under the will being as follows:

"I give and bequeath to The Board of Trustees of the University of Illinois, all the rest and residue of my estate, and my said executor and trustee shall pay and deliver the same to said trustees, to be held by them in trust as a fund to be loaned to deserving and meritorious students attending said University, in Champaign County, Illinois, to be known as the Samuel and Lydia Hare Students' Loan Fund. The purpose of this bequest is to enable students who have by previous study demonstrated their worthiness but are without means to meet necessary student expenses to continue study in said University. Loans shall be made at current legal rates of interest and upon such security as said Board may deem adequate. The aggregate of loans made to any one student shall at no time exceed the sum of Five Hundred Dollars.

"The said fund and such accretions as may come to it by way of interest shall be permanent and perpetual and no part of it shall at any time be diverted from the purpose herein indicated"; and

Whereas, The widow of this decedent, who owned a life estate in the property of the testator, died May 3, 1935, and therefore the gift under the will becomes available;

Now, therefore, be it resolved, that the gift aforesaid is accepted by the Board of Trustees of the University of Illinois in accordance with the terms thereof and the Comptroller is directed and authorized to execute a receipt in due form when such bequest is delivered to the University.

Be it further resolved, that the Comptroller be authorized to receive in satisfaction of the gift aforesaid cash or government bonds of the approximate aggregate amount of \$13,597.10.

On motion of Mr. Moschel, this resolution was adopted.

GIFTS TO THE UNIVERSITY

(30) The following report of gifts received by the University:

1. Prest-O-Lite Storage Battery Corporation, Indianapolis, Indiana, not less than \$2,700 for the work of Dr. J. N. Mrgudich for the next twelve months.

2. The Textile Foundation, Washington, D. C., a grant of \$600 renewing the Foundation's fellowship in Chemistry for the year 1937-1938.

3. The Bowman Dairy Company and the Chicago Medical Society, \$1,200 for research work on the immunity factors of milks of both human and animal origin, with particular reference to allergic diseases associated with the consumption of milk.

4. State of Illinois, \$4,000 for the testing work on expansion joints which is being conducted by Professor W. C. Huntington.

5. The Edward Orton Jr. Ceramic Foundation, \$250 for a fellowship in Ceramic Engineering.

6. Federal Cartridge Company, an additional contribution of \$500 for Four-H Club Conservation Work.

This report was received for record.

DELIVERY OF EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

(31) A statement that the University has been seriously inconvenienced and put to additional expense because of the delay of the General Fireproofing

Company to deliver equipment for the second unit of the Medical and Dental College Laboratories Building, according to its contract.

On motion of Mr. Moschel, the President of the University was authorized to protect the interests of the University in this matter.

USE OF NAME UNIVERSITY REVOLVING FUND

(32) A joint report of the Comptroller and the University Counsel on the use of the name "University Revolving Fund."

October 13, 1937

President A. C. Willard, 355 Administration (W)

DEAR PRESIDENT WILLARD:

In accordance with your request, we have considered the question of the name of the University of Illinois Revolving Fund.

This title was introduced in 1933, when an amendment to the State Finance Act was passed, requiring that the receipts of the University other than from trust funds or Federal aid be turned in to the State Treasury. We enclose a copy of the provisions for the fund as they now stand in the Statutes. The phraseology employed in the first paragraph of the section is almost identical with that employed in the same Act relating to similar receipts of the Normal schools. This fact was one of the reasons for using the phraseology.

The receipts of the fund are of several types:

(a) Receipts which are direct income and are applied to the educational budget such as student fees, clinic fees, miscellaneous sales, and other items. These items make up approximately two-thirds of the total of the fund.

(b) Receipts applicable to the maintenance of self-supporting activities including agricultural operations, residence halls, and student hospital.

(c) Non-income items including student fees which are rebated as a result of student withdrawals and other refunds, and reimbursements from Federal departments, Athletic Association, and other organizations, for material and service furnished them. We enclose a statement of the actual receipts for the last biennium and the estimate for the current biennium.

A considerable part of the receipts of self-supporting activities are of a revolving character, while all of the items in the non-income group are of that type. Consequently, while the major portion of the fund represents income in the true sense of the term, a considerable part of the fund is of a revolving character.

When any money is deposited in the State Treasury, it can be disbursed only as a result of appropriation by the General Assembly; consequently the appropriation bill of the University must include a sufficient amount to cover the disbursements of these receipts, not only for educational purposes, but also for the operations of self-supporting activities and also strictly revolving transactions, such as rebates of fees, expenditures for service to the University organizations, and the like.

The budget of the University provides for expenditures from this fund as well as from the General Revenue Fund and the University of Illinois Fund. The latter fund consists of the proceeds of a one-third mill tax for the University levied in accordance with an Act passed in 1911 and amended in 1933 of which we also enclose a copy. The appropriation bill of the University (see minutes of July 16, 1937, page 302) provides for appropriations from the General Revenue Fund and the University of Illinois Fund for various purposes as required by the State Finance Act. The amount appropriated for these items is not sufficient in any case to cover the budget for these purposes. For that reason the appropriation of the University of Illinois Revolving Fund, as per Section 8 of the appropriation bill, covers expenditures for all of these purposes. We enclose a statement of disbursements through the State Treasury for the biennium 1935-37, which indicates the amount for each object of expenditure paid from all of the various funds. We also enclose a summary statement of our budget for the biennium 1937-39, covering the total of all State appropriations made to us and indicating the funds from which these appropriations must come.

It seems obvious that the problem with respect to this fund will not be fully solved by merely changing the title. The problem lies in the fact that the University Revolving Fund, as it is now called, is required to meet a substantial part of the regular operating budget of the University for salaries and other expense and also covers a considerable sum of revolving or non-income transactions. These facts, it would seem, can be brought out only by a proper presentation of the budget at the time of its consideration, both to the General Assembly and State officers, and to the general public.

On the other hand, it is obvious that the title, University Revolving Fund, is not altogether suitable for the fund as it stands. Likewise, the suggested term, University Income Fund, does not altogether describe its transactions. It is not practicable to separate these two types of transactions because there is considerable over-lapping; for example, it is not possible to determine in advance when a student pays his fees whether or not he will ask to have them refunded. The same thing is true in an agricultural transaction. It is not possible to determine in advance just what portion of that transaction may be net income. For these reasons, it appears to us that the term "revolving" should not be given up.

We therefore suggest that steps be taken to change the title of the fund to "University of Illinois Income and Revolving Fund." This title would seem to be more descriptive and accurate as to the operations of the fund and such a change should not involve any serious question. The amendment of only one paragraph of one section of the State Finance Act is all that would be required, and other changes could be accomplished in future appropriation bills.

Cordially yours,

LLOYD MOREY
Comptroller

SVEINBJORN JOHNSON
University Counsel

On motion of Mr. Mayer, the name of this fund was changed, as recommended, to "University of Illinois Income and Revolving Fund," and the President of the University was authorized to take steps to make this action effective.

At this point, Mr. Adams withdrew.

BUILDING COMMISSION BILL AND CHARTER

(33) A letter from Judge Johnson on the proposed Building Commission bill and on the amendments to the charter of the University.

This report was received for record.

UNIVERSITY ROUTE MARKERS

(34) A statement concerning the markers which have been erected in Campaign and Urbana on the so-called University Route for automobiles.

On motion of Mr. Mayer, the President of the University was requested to take up with the appropriate parties the matter of the removal of these signs, on the ground that they constitute and promote an additional hazard to the students of the University.

PASTEUR MONUMENT

Mrs. Plumb, for the Committee on Chicago Departments, presented a report of progress on the proposal to remove the Pasteur monument to the campus of the Chicago Departments, and stated that Mr. George T. Donoghue, General Superintendent of the Chicago Park District, had contributed the services of Mr. Robert E. Moore, Jr., Landscape Architect, who will report with respect to the site.

On motion of Mrs. Plumb, the President of the University was requested to express the appreciation of the Board to Mr. Donoghue

for the contribution of Mr. Moore's services, and further action was deferred pending the receipt of a report from Mr. Moore.

STATEMENTS CONCERNING GAMBLING AND VICE

Mr. Moschel brought up the matter of recent published statements concerning the prevalence of gambling and vice in the neighborhood of the University.

On motion of Mr. Pogue, the President of the University was requested to take up with the local authorities the alleged conditions, and to do whatever is possible to remedy them.

TIME OF NOVEMBER MEETING

The time of the November meeting was set as Wednesday, November 10, 1937, in Chicago.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Agruss, Ida, Assistant in the Order Department of the Library, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 9, 1937)¹

Banister, J. R., Assistant in the Order Department of the Library, beginning October 15, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 12, 1937)

Beerman, Clara Jeanette, Clerk in the Department of History, on one-half time, beginning September 20, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of forty-five dollars (\$45) a month. (September 29, 1937)

Bernds, Marie Wilhelmina, Assistant in Home Economics, in the Agricultural Experiment Station, for eleven months beginning October 1, 1937, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 8, 1937)

Berryman, George Hugh, Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, beginning October 4, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 1, 1937)

Broadbent, Leroy V., Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1937, without salary. (October 4, 1937)

Brown, G. B., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month (this supersedes his previous appointment). (October 4, 1937)

Bryant, Harold Wonderley, Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for eleven months beginning October 1, 1937, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 1, 1937)

Clark, Joe H., Assistant in Chemistry, on one-fourth time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 6, 1937)

Cleveland, E. A., Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (October 4, 1937)

CoVan, Jack Phillip, Instructor in Mechanical Engineering, in the College of Engineering, for nine months beginning October 1, 1937, at a cash compensa-

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

tion at the rate of one hundred eighty dollars (\$180) a month. (September 30, 1937)

Darrow, Chester W., Associate in Physiology, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (October 5, 1937)

Dec, Joseph, Assistant in Chemistry, on one-half time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (October 4, 1937)

Fairbanks, Berthier Wesley, Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-fourth time, beginning October 1, 1937, and continuing until further notice, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this appointment is in addition to his appointment as Associate Professor and Associate Chief in Animal Husbandry). (October 13, 1937)

Fishman, Louis Zolo, Associate in Otolaryngology, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 8, 1937)

Fraulini, Felix Mark, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, on one-half time, for nine months beginning October 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 8, 1937)

Gardiner, Mary Ruth, Stenographer in the Office of the Dean of the College of Engineering, on six-sevenths time, for eleven months beginning October 1, 1937, at a cash compensation at the rate of eighty-five dollars seventy-two cents (\$85.72) a month. (October 6, 1937)

Garman, Ferne M., Assistant in the Loan Department of the Library, beginning October 11, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 12, 1937)

Gazda, Mace, Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1937, without salary. (October 4, 1937)

Getz, C. A., Assistant in Chemistry, on one-half time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 5, 1937)

Gross, S. T., Assistant in Chemistry, on one-half time, and Textile Foundation Fellow in Chemistry, on one-half time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (October 7, 1937)

Grossman, Maurice O., Assistant in Medicine, in the College of Medicine, for eleven months beginning October 1, 1937, without salary. (October 4, 1937)

Hansen, C. W., Assistant in Dental Pathology and Therapeutics, in the College of Dentistry, on one-third time, beginning October 11, 1937, and continuing through August 31, 1938, without salary. (October 13, 1937)

Hansen, Kathryn G., Stenographer and Clerk in the University High School, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (October 13, 1937)

Heicke, Dorothy, Cataloger in the Library, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 12, 1937)

Hohenadel, Elsa Louise, Assistant in German, on one-fourth time, for four months beginning October 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 5, 1937)

Houston, Beulah J., Stenographer for the Appointments Committee, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes her previous appointment). (September 28, 1937)

Katra, Adolph E., Teacher in the University High School, for ten months beginning September 1, 1937, at a cash compensation of one thousand four hundred dollars (\$1400) (this supersedes his previous appointment). (September 30, 1937)

Kenney, Daisy Jeannette, Assistant in the Loan Department of the Library, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 9, 1937)

Langdon, W. M., Assistant in Chemistry, on one-half time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 5, 1937)

Latimer, Mrs. Grace Malsbary, Assistant in Home Economics, in the Agricultural Experiment Station and in the Extension Service in Agriculture and Home Economics, beginning October 15, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 15, 1937)

Lewis, F. M., Assistant in Chemistry, on one-third time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (October 5, 1937)

McGuire, John Alfred, Assistant in Economics, on one-half time, beginning September 1, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 5, 1937)

Morgan, Julian D., Assistant in Economics, on one-half time, beginning September 20, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 6, 1937)

Munroe, Barbara S., Assistant in the Hospital Laboratory, in the College of Medicine, for one year beginning September 1, 1937, at a cash compensation of one thousand three hundred twenty dollars (\$1320). (September 28, 1937)

O'Connell, John Joseph, III, Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for eleven months beginning October 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 1, 1937)

Paine, Clarence S., Cataloger in the Library, beginning November 1, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 12, 1937)

Peck, Gerald Waters, Assistant Dean of Men, beginning October 15, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (September 30, 1937)

Schlörff, Cornelia, Stenographer in the Extension Service in Agriculture and Home Economics, for eleven months beginning October 1, 1937, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 8, 1937)

Shafer, William M., Assistant in Chemistry, on one-half time, beginning September 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 5, 1937)

Strubas, Valerie Catherine, Assistant in the Loan Department of the Library, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1400) a year. (October 9, 1937)

Terry, Henrietta, Teacher in the University High School, for ten months beginning September 1, 1937, at a cash compensation of one thousand eight hundred dollars (\$1800) (this supersedes her previous appointment). (September 30, 1937)

Troxell, Beryl, Instructor in Bacteriology and Public Health, in the College of Medicine, for eleven months beginning October 1, 1937, without salary. (September 29, 1937)

Tyrrell, Ruth, University Library Clerk in the Order Department of the Library, beginning September 27, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 28, 1937)

Varnum, Edward Ernest, Assistant in Civil Engineering, in the College of

Engineering, on one-sixth time, for ten months beginning September 1, 1937, at a cash compensation of two hundred fifty dollars (\$250). (September 25, 1937)

Weilmuenster, E. A., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1937, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 6, 1937)

Whitehead, Frances M., Assistant in Economics, on one-half time, beginning September 22, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 6, 1937)

Williams, Loring Rider, Teacher in the University High School, on one-fourth time, for nine months beginning October 1, 1937, at a cash compensation at the rate of forty-five dollars (\$45) a month. (October 7, 1937)

Young, Viola Mae, Technician in the Department of Orthopaedics, in the College of Medicine, for eleven months beginning October 1, 1937, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 1, 1937)

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Beaver, P. C., Instructor in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—cancellation effective September 1, 1937.

Bracken, D. F., Assistant Dean of Men—resignation effective October 15, 1937.

Brown, Mrs. Margretta F., Clerk and Stenographer in the Department of Railway Engineering, in the College of Engineering and in the Engineering Experiment Station—resignation effective November 1, 1937.

Dahl, E. W., Assistant in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—cancellation effective September 1, 1937.

Dean, Jordan A., Assistant in German—resignation effective September 25, 1937.

Miller, J. S., Assistant in Neurology and Neurological Surgery, in the College of Medicine—cancellation effective September 1, 1937.

Munson, Mrs. Marjorie C., Junior Accountant in the Bursar's Division of the Business Office—resignation effective November 1, 1937.

Panitz, David S., Fellow in Sociology—cancellation effective September 1, 1937.

Rund, Mrs. Thelma I., Clerk in the Dairy Creamery, in the Department of Dairy Husbandry—resignation effective November 1, 1937.

Schulz, Mrs. Jean S., Secretary to the Assistant Dean of the College of Agriculture—resignation effective October 1, 1937.

Smith, C. M., Research Assistant Professor of Mining Engineering, in the Department of Mining and Metallurgical Engineering, in the Engineering Experiment Station—resignation effective October 6, 1937.

Taylor, S. Helen, Teacher in the University High School—resignation effective September 1, 1937.

Zeitlin, Howard, Instructor in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—declination effective September 1, 1937.

The Board adjourned.

H. E. CUNNINGHAM
Secretary

O. M. KARRAKER
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 10, 1937



The November meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Wednesday, November 10, 1937.

When the Board convened, the following members were present: President Karraker, Mr. Adams, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; Mr. Cleary, Mrs. Freeman, and Mr. Moschel arrived a little later.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Judge Sveinbjorn Johnson, University Counsel, and Mr. C. S. Havens, Director of the Physical Plant Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of September 27 and October 15, 1937.

On motion of Mr. Moschel, the minutes were approved as printed on pages 481 to 556 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

AWARD OF C. P. A. CERTIFICATE TO ORVAL DORMAN BAST

(1) A recommendation from the Committee on Accountancy that the C.P.A. certificate be awarded to Mr. Orval Dorman Bast, of Chicago, as of September 27, 1937, the date when the Board of Trustees awarded other certificates to successful candidates in the May, 1937, examination. Mr. Bast was not included in the original list of recommendations because one of his papers was being reviewed by the Board of Examiners.

On motion of Mr. Pogue, this certificate was granted.

CANCELLATION OF LEAVE OF ABSENCE FOR COLEMAN R. GRIFFITH

(2) A request from Professor Coleman R. Griffith, Director of the Bureau of Institutional Research, that the sabbatical leave of absence, on full pay, granted him for the second semester of 1937-1938 be cancelled. I concur in this recommendation.

On motion of Mrs. Plumb, this leave was cancelled without prejudice.

LEAVE OF ABSENCE FOR ARTHUR G. COLE

(3) A recommendation that a leave of absence be granted to Arthur G. Cole, Assistant Professor of Physiological Chemistry in the College of Medicine, for six months from September 24, 1937, with pay. The other members of the staff will divide the teaching responsibilities of Doctor Cole so that no additional expense will be incurred.

On motion of Dr. Meyer, this leave was granted.

APPROPRIATION TO THE SCHOOL OF PHYSICAL EDUCATION

(4) A recommendation that an assignment of \$900 be made from the General Reserve Fund to the School of Physical Education to supplement its operating budget for the current year. The additional funds are needed to help defray the expenses of supervising the recreational program in the Colleges of Medicine, Dentistry, and Pharmacy.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Moschel.

APPROPRIATION TO SCHOOL OF MUSIC

(5) A recommendation that an assignment of \$260 be made from the General Reserve Fund to the School of Music for the purchase of equipment.

On motion of Mr. Pogue, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Moschel.

APPROPRIATION FOR SCHOOL OF JOURNALISM

(6) A recommendation that an appropriation of \$1,000 be made from the General Reserve Fund for the purchase of equipment for the School of Journalism. No provision for this equipment was made in the budget for the current year, action on this being deferred until it could be determined whether space would be available and whether the increase in enrollment would be sufficient to warrant the addition.

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr.

Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Moschel.

APPROPRIATION TO PHYSICAL PLANT DEPARTMENT

(7) A recommendation that an assignment of \$631.44 be made to the Physical Plant Department for the installation of standby electrical service to the McKinley Hospital. This represents the excess of the cost of installation over the appropriation of \$3,800 originally made for this purpose and is due mainly to changes in the type of automatic switch gear equipment, on recommendation of the Illinois Iowa Power Company, and to an increase in labor and material prices, both of which occurred after the appropriation had been made.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Moschel.

At this point, Mr. Cleary, Mrs. Freeman, and Mr. Moschel took their places with the Board.

SKATING RINK REPAIRS

(8) A report that the Athletic Association has decided to defer the Skating Rink repairs until next spring, beginning the work approximately March 1. Because of the nature and extent of the repairs it is unlikely that they could be completed much before the end of the skating season of 1937-1938. Consequently, it has been decided not to begin this work at the present time so that the Skating Rink will be available for other purposes while the Auditorium is being repaired.

This report was received for record.

PURCHASE OF PROPERTY ADJOINING UNIVERSITY GROUNDS

(9) The question has again been raised whether the Board of Trustees would be interested in acquiring the area of land on Pennsylvania Avenue known as Gallivan's Addition. Litigation is pending to determine the status of the lien of the general taxes against this property, and if the suit goes to trial it will be necessary, in the opinion of the University Counsel, for the University to protect its title to Pennsylvania Avenue.

I have asked the University Counsel and the Director of the Physical Plant Department to appear at this meeting and to present the situation to the Board.

Judge Johnson and Director Havens commented on this matter.

On motion of Mr. Pogue, the President of the University and the University Counsel were authorized to take whatever steps may be needful to protect the interests of the University in this matter.

NATURAL RESOURCES OR SCIENTIFIC SURVEYS BUILDING

(10) The State Board of Natural Resources and Conservation at a meeting on November 2 received the following report from the Chiefs of the State Natural History and Geological Survey Divisions on the proposed Natural Resources Building:

*Members of the Board of Natural Resources and Conservation
State of Illinois*

GENTLEMEN:

For your general information there is attached herewith a chronology of the steps which have been taken since October 23, 1934, to secure this building, which was prepared by Director Hallihan and Mr. Leighton for Governor Horner on September 8, 1937. The summary statements therein are concurred in by Mr. Frison who was away at the time. Since September 8, 1937, two additions have been made bringing the chronology up to present date.

In brief, the Public Works Administration has rejected the application for

a grant on what appears to be a technicality, and Administrator Ickes' reply to Governor Horner's excellent letter of September 17th appears to be final. The project, therefore, has resolved itself into a State project and now steps should be taken immediately to construct a unit of the building with the present appropriation.

The appropriation bill reads as follows (Senate Bill No. 44, Sec. 2):

"There is appropriated to the Department of Registration and Education the sum of three hundred thousand dollars (\$300,000), or so much thereof as may be necessary, for the construction including service connections of a State Natural Resources Building for the Scientific Surveys located at Urbana. Cooperative agreements may be entered into with Federal agencies by which additional funds may be secured from the Federal government.

"If such building is constructed on the campus of the University of Illinois, an agreement shall be entered into between the Department of Registration and Education and the Trustees of the University of Illinois that the University shall, in consideration of the cooperation of the Surveys with the University, maintain such building in good repair and condition inside and outside, maintain the grounds and furnish light, heat, power and water and janitor service at no expense to the Department of Registration and Education, thereby carrying out the present agreement that the University of Illinois house such Surveys.

"No contract shall be entered into or obligation incurred for any expenditure from the appropriation herein made for contingencies or Natural History preserves until after the purpose and amount of such expenditures have been approved in writing by the Governor.

"The appropriations herein made are subject to the provisions of 'An Act in relation to State finance,' approved June 10, 1919, as amended."

An analysis of the provisions of this bill reveals the following facts:

1. The sum of \$300,000 is available without reservation.
2. The building is to be constructed at Urbana; it may be constructed on or off the campus. It appears, however, to be the intent of the bill that the building be constructed on the campus.
3. If it is constructed on the campus an agreement is to be entered into between the Department of Registration and Education and the Trustees of the University of Illinois for certain things.

The first fact needs no comment, except that the money is available for immediate use.

The second and third facts call for constructive judgment on the part of both parties, the Department of Registration and Education and the University Board of Trustees. The Board of Natural Resources and Conservation, acting as an advisory board of the Department under the Civil Administrative Code, and having under its purvey the work of the scientific surveys, should, we believe, make its recommendations for the consideration of both parties.

For several years we have from time to time given thought to the different aspects of the question as to whether this proposed building should be located on or off the campus of the University, and our own judgment is that it should be located on the campus. Aside from any material savings or conveniences that will likely accrue from avoiding extra overhead for maintenance and operation of the building, there is the very important principle to be mutually perpetuated, of cooperation between the University and the scientific surveys. No step should be taken which will lighten the emphasis on, or depart from, this cardinal principle, the observance of which has been of great benefit to both parties. The mutually valuable and established relationships existing call for unhesitating agreement by both parties that this building be located on the campus. We desire, therefore, to suggest that this Board make an unqualified recommendation on this point, and that a building committee be authorized to confer if necessary and to handle other matters, some of which will be mentioned hereinafter. It is also suggested that this committee be given power to act during the interim between the meetings of the Board.

The question of the effect of this upon the University's present budget does not appear to be involved, since occupancy of the building is not contemplated

during this biennium, although its construction must be completed in time to avoid a lapse of funds. This limiting date is September 30, 1939.

The Site and the Drawing of Plans. The proposed site indicated in the application for P.W.A. funds is tentative and should be referred back at once to the University Board of Trustees for final confirmation.

We desire also to suggest, in regard to the drawing of plans and supervision of construction that this Board recommend to the Director and the Governor that arrangements be made with the University to fulfill these functions, provided they can do so without delay. This is, in our opinion, highly desirable from several standpoints. In the preparation of the plans for the first unit the plans of the second unit, to complete the structure, should be in mind.

Respectfully submitted,

T. H. FRISON

Chief, Natural History Survey Division

M. M. LEIGHTON

Chief, Geological Survey Division

The Board also adopted the following resolution:

"It is moved that the Chairman of the Board be requested to present to the Governor the following memorandum as expressing the opinion of the Board of Natural Resources and Conservation with regard to the new building for the Scientific Surveys.

"In view of the refusal of Federal aid for the building we recommend that immediate steps be taken to construct the first unit of the building with the present State appropriation.

"In the cooperative task between the Department of Registration and Education and the University of Illinois in the construction and maintenance of this building we recommend that the following arrangements be observed:

"1. That the building be erected on the campus of the University of Illinois on land provided by the University but acceptable to the Department.

"2. That the architectural plans for the building be harmonious with existing University buildings and mutually acceptable to the University and the Department. To insure this the plans should probably be drawn by the University architects.

"3. That the University consider favorably the principle of furnishing service as heretofore, without expense to the Department, maintain such building in good repair inside and out, maintain the grounds, and furnish light, heat, power, water, and janitor service.

"4. That the Building Committee of this Board stands ready to confer with the appropriate officers of the University in regard to the arrangements indicated above and any other matters concerning the building that may arise."

I recommend that the matter of the agreement proposed in the Act be referred to the Committee on General Policy for study and report and the question of the site to the Committee on Building and Grounds.

On motion of Mr. Mayer, these matters were referred to committees as recommended.

NAME OF MATERIALS TESTING LABORATORY

(11) A committee of the College of Engineering is planning a convocation to be held in April, 1938, in honor of Professor Emeritus Arthur Newell Talbot of the College of Engineering who is one of the most distinguished alumni and members of the faculty of the University of Illinois. This committee is recommending to the Board of Trustees that at this convocation the Materials Testing Laboratory be named "The Arthur Newell Talbot Laboratory."

I recommend that this be referred to the Committee on General Policy for consideration and report.

This matter was referred to the Committee on General Policy, which reported favorably.

On motion of Mr. Cleary, this building was renamed "The Arthur Newell Talbot Laboratory."

PURCHASE OF COAL FOR CHICAGO DEPARTMENTS

(12) The Comptroller and Director of the Physical Plant Department submit the following schedule of bids received on approximately 500 tons of coal for the Chicago Departments for the period October 1, 1937, to August 31, 1938:

<i>Firm</i>	<i>Delivered Price</i>	<i>Mine and Location</i>
1. Consumers Company.....	\$4 79	Old Ben Mine, Franklin Co., Ill.
2. Crerar Clinch Coal Company...	4 99	Not specified
3. Eldridge Coal & Coke Company	5 70	Not specified
4. Municipal Coal Company.....	(No bid)	
5. Western Fuel Company.....	(No bid)	

They recommend that the proposal of the Consumers Company be accepted. Its quotation is lowest in dollars per ton and highest in B.T.U. value.

On motion of Mrs. Plumb, the proposal of the Consumers Company was accepted as recommended, subject to the approval of the Governor as required by the Constitution.

PURCHASES RECOMMENDED

(13) A recommendation that the following purchases be authorized:

1. For the Office Supply Store as follows:

- 2 Cases 22 x 34—40 lb. White 25% Rag Bond, containing special watermark
- 6 Cases 22 x 34—32 lb. White 25% Rag Bond, containing special watermark
- 2 Cases 17 x 22—13 lb. White 25% Rag Bond, containing special watermark
- 1 Case 19 x 24—19½ lb. White 25% Rag Bond, containing special watermark
- 1 Case 19 x 24—24½ lb. White 25% Rag Bond, containing special watermark
- 1 Case 17 x 28—25½ lb. White 25% Rag Bond, containing special watermark

from the Whiting Paper Company, Chicago, the lowest bidder, at a total cost of \$1,041.73 f.o.b. Urbana.

2. One Steinway Concert Grand Piano, from Lyon and Healey, Inc., Chicago, at a net price of \$2,089.19 f.o.b. Urbana.

3. One 24-flask capacity Combination Kjeldahl Digestion and Distillation Unit, for the Animal Nutrition Laboratory, from Precision Scientific Company, Chicago, the lowest bidder, at a price of \$1,090 f.o.b. Urbana.

4. One horizontal two-stage Air Compressor for Mechanical Engineering Power Laboratory, from the Chicago Pneumatic Tool Company, of Chicago, the lowest bidder, at a price of \$1,398 f.o.b. Franklin, Pennsylvania.

5. One Universal Cutter Grinder and accessories from the R. K. LeBlond Machine Tool Company, Chicago Office, the lowest bidder, at a price of \$1,288 f.o.b. Urbana.

On motion of Dr. Meyer, these purchases were authorized.

PURCHASE AUTHORIZED

(14) A report of the following purchase authorized by the President of the University, in accordance with the University Statutes, of shelled corn, 600 bushels, and ear corn, 1,600 bushels, at a price of 50¢ per bushel, from H. J. Schultz, Bondville, Illinois, for the Department of Agricultural Engineering. Professor E. W. Lehmann, Head of the Department, examined various lots which were available.

On motion of Mr. Pogue, the action of the President of the University in authorizing this purchase was approved and confirmed.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(15) The following report of contracts and purchase orders executed by the Comptroller since the last report was made to the Board of Trustees:

Minor contracts executed under general regulations of the Board of Trustees, October 9 to November 4, 1937.

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
E. N. DeAtley.....	Contract for structural steel work for repairing and improving the Auditorium	\$3 671 00	October 30, 1937
Illinois Bell Telephone Co.....	Agreement to furnish one program supply circuit for radio station WILL	Published rates	September 24, 1937

The agreement with the Illinois Bell Telephone Company is for wire service from the Urbana High School to the Radio Station for the broadcasting of programs, such as band concerts, choruses, et cetera, originating in that building.

This report was received for record.

TAXES ON HART FARM IN FRANKLIN COUNTY

(16) The Comptroller reports that the Board of Review of Franklin County has sustained the University's objections to the previous valuation placed on the Hart farm for several years and has reduced this from \$4,000 to \$2,555, which will result in a reduction of about \$66 in the taxes.

This report was received for record.

STUDY OF CORM DISEASES OF GLADIOLUS

(17) A report of the execution of an agreement with the Vaughan Seed Company of Chicago for a cooperative investigation to determine the cause and control of corm diseases of gladiolus by the Agricultural Experiment Station.

The agreement is drawn for a period of one year beginning November 1, 1937, with provision for its extension on mutual consent, and the Company has agreed to contribute \$900 for the expenses of this investigation.

On motion of Mr. Adams, the execution of this agreement was approved.

EXPANSION OF DEPARTMENT OF NEUROLOGY AND NEUROLOGICAL SURGERY

(18) The State Department of Public Welfare has offered the Department of Neurology and Neurological Surgery quarters in the new addition to the Research and Educational Hospitals to be constructed in the near future for the study and treatment of nervous diseases. It is understood that this new unit will be equipped and operated by the State Department but that the University will be expected to furnish the professional staff in accordance with the existing agreement governing the operation, management, and staff of all units of the Research and Educational Hospitals. This arrangement would be similar to that in the Illinois Surgical Institute for Children in which the University's Department of Orthopaedics has quarters and for which it supplies the professional staff.

To provide an adequate professional staff for these new quarters when in full operation, there will be required by 1941 a number of new positions in the Department of Neurology and Neurological Surgery, including one Chief Neurologist and Pathologist on full time at a salary of \$10,000 a year, one Assistant to the Department Head at \$2,400, one Assistant to the Pathologist at \$1,800, one Dispensary Head at \$1,000, one Chief Resident at \$1,000, one First Year Resident at \$600, one Secretary at \$1,500, and one Stenographer at \$1,200. This will involve eventually a total increase in the salaries budget of that Department of \$19,520, but as an initial program during the biennium 1939-1941 the increase could be held at \$13,120. It is anticipated that the building will be available in 1939. Due to the retirement of two members of the staff there would be a reduction of \$2,340 in this total increase in 1941.

The matter is being brought to the attention of the Board for consideration as a matter of policy. In view of the educational and research advantages

which it is believed will result from this arrangement, I recommend that the Board authorize the President of the University to conclude negotiations with the Department of Public Welfare (to be reported to the Board for final approval), and that the Board at this time authorize the minimum program above indicated for 1939-1941.

On motion of Dr. Meyer, authority was granted as recommended.

ADMISSION TO THE COLLEGE OF MEDICINE

(19) A recommendation that in the admission of non-residents to the College of Medicine the following procedure be authorized:

The Dean and the Registrar are authorized to consider the admission of a limited number of non-resident applicants (in no case more than 10 per cent of the total first-year class). Such applicants will not be admitted to the exclusion of residents of Illinois with equivalent scholarship. A non-resident must meet the three-year requirement for admission, must have a general scholarship average of not less than 4.5, and must show exceptional promise by way of personal qualifications for the study and practice of medicine.

Action on this matter was deferred.

At this point, Dr. Meyer withdrew.

APPROPRIATION FOR REPAIRS OF UNIVERSITY HALL

Mr. Adams presented the following report of the Committee on Buildings and Grounds on University Hall.

I. Condition of Building

(a) *Towers.* From past experience and recent inspections, it seems certain that the east tower has a very small margin of safety for ordinary conditions, not including severe winds or remotely possible earthquake shocks. Although it is possible to increase the strength of the east tower for a reasonable expenditure by installing bracing and ties, this procedure will not insure the safety of the tower under conditions outlined above.

(b) *Dormer Windows and Cornices.* The deterioration of the exterior of these members has progressed to a state of failure, and the fact that many of the windows and the cornices are directly over the sidewalk renders their present condition extremely hazardous to students walking around the building. It will, of course, be impossible to determine the percentage of replacement necessary until the work has been opened up thereto.

II. Policy

Although there is considerable alumni sentiment back of this building, practically all campus plans adopted by previous Boards have contemplated its removal. If funds were available, this would still be highly desirable. However, in view of other building needs, it would probably be at least ten years before this could be accomplished, even under the most optimistic building program recently considered. Based on past experiences, this period probably should be increased to fifteen years.

Prior to that time, exterior and interior repairs will be necessary. Members of the staff are now housed in undesirable quarters, and it does not seem advisable to postpone improvements further.

III. Conclusions

We are, therefore, assuming that the use of University Hall will have to be continued for at least fifteen years, and wish to recommend the following:

1. Removal of tops of towers and the continuation of mansard;
2. Repairs and replacements as necessary of cornices and dormer windows.

Further repairs, such as replacement of asphalt roof and exterior painting, are also necessary, but can be charged to the Physical Plant operation and maintenance appropriation.

If the use of this building is to be continued for fifteen or twenty years as

we anticipate, the heating system should be replaced when funds become available.

In order to accomplish Items Nos. 1 and 2, we recommend an appropriation of \$37,000 from the General Reserve Fund.

On motion of Mr. Adams, this report was adopted, and the appropriation made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Horner, Dr. Meyer.

At this point, Mr. Adams withdrew.

SALE OF MARTIN FARM AND OF SECURITIES

Mr. Mayer reported for the Finance Committee as follows:

1. *Martin farm.* On August 2, 1937 (Minutes, page 468), the Board authorized the sale of the Martin farm in Williamson County for \$5,500 cash, or \$6,000 on a deferred payment plan. The Comptroller reports an income of approximately \$300 (after paying taxes) from this farm for the year 1937, and recommends that the sale be authorized, if a satisfactory purchaser can be found, at a price of not less than \$5,000 net to the University on deferred payments, with interest on such payments at not less than four per cent.

On motion of Mr. Mayer, the sale of this farm was authorized, for a price of \$5,000, with \$1,000 down and the balance at three per cent if paid within two years, and four per cent if deferred for a longer time.

2. *Sale of securities.* The Board authorized, on January 29, 1937 (Minutes, page 158), the sale of \$5,000 Pacific Gas and Electric Company, 3½ per cent bonds due in 1966. The recent review of our securities by the First National Bank of Chicago did not recommend the sale of this item. A recent report of Standard Statistics states that the operating conditions of this company are favorable and that earnings are increasing, and rates the bonds at A1. The bonds are legal for savings banks in New York, Massachusetts, Connecticut, Pennsylvania, and California. They are approved by the Comptroller of the Currency for bank investments. The present price is 99½. The Comptroller recommends that these bonds be not sold at the present time, and the Finance Committee concurs.

This report was received for record.

STUDY OF BUILDING PROGRAM

Mr. Pogue raised the question of the desirability of making new studies of the building needs of the University, to include, besides the former schedule, new and necessary items like the Auditorium, University Hall, studies of a new Power Plant, and possibly some provision for housing for men and women.

At this point, Mr. Pogue withdrew.

CONTRACT FOR ANNUAL AUDITS

Mr. Mayer, for the Finance Committee, presented a recommendation that Arthur Andersen & Co., be engaged to examine the accounts of the University for the ensuing year, making an audit at the end of each six months, at a cost not to exceed \$3,000, and that the same firm be engaged to make the examination of the accounts of the Athletic Association and of the University of Illinois Foundation.

On motion of Mr. Mayer, the employment of Arthur Andersen & Co. was authorized on the basis recommended.

PASTEUR MONUMENT

Mrs. Plumb made a report of progress on the matter of the Pasteur monument.

This report was received for record, and the Committee was continued.

ILLINOIS PRESS ASSOCIATION

Mr. Karraker presented a resolution adopted by the Illinois Press Association requesting the University to assign a member of the staff of the School of Journalism to act as permanent Secretary of the Association, who should maintain his office at the University.

The President of the Board was requested to get more information on this matter and report to the Board.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed consideration of matters presented by the President of the University.

APPROPRIATION FOR BUILDING STUDIES

(20) A recommendation that an assignment of \$6,000 be made from the General Reserve Fund to the Physical Plant Department for building studies on the Chemistry and Agricultural Laboratories Buildings.

Mr. Havens commented on this matter.

On motion of Mr. Cleary, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Wieland; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Pogue.

LA VERNE NOYES FOUNDATION

(21) For a number of years the estate of the late LaVerne Noyes, who died July 24, 1919, has been paying the tuition, in whole or in part, of deserving and needy students who are citizens of the United States and who were in the military service of the United States in the World War, or who are blood descendants of such veterans. The total amount of scholarships thus paid by this estate to date for students of the University of Illinois is \$12,464.75.

By his will Mr. Noyes established, as a first charge upon his estate, life annuities in favor of certain private individuals. His will directs that within twenty-one years after his death (that is, prior to July 24, 1940) the trustees of his estate shall set up a separate trust out of the principal of his estate for the payment out of the income therefrom of all annuities falling due thereafter, and shall distribute the remainder of the principal and the accumulated income to such universities and colleges as they may select, to be held by such institutions in perpetuity as a separate trust fund under the name "LaVerne Noyes Foundation," the income to be used for scholarship aid for students qualifying under the conditions mentioned above. On the death of the last annuitant all of the property constituting the separate trust estate shall likewise be distributed to the same universities and colleges for the benefit of students.

The trustees of the estate now offer the University of Illinois securities and funds to be held in trust under certain conditions, viz., that the Board of Trustees of the University in turn pledge the securities to the trustees of the estate as further security for the annuities created by the will, the income from the securities thus pledged to be subject to annuity requirements and expenses only to the extent of any deficiency in the income from the property placed in the separate trust for annuitants, the balance of income from securities to be paid to the University annually. On the death of the last annuitant the securities assigned to the University of Illinois would be delivered to it free of the pledge, together with a like proportion of any other property held in separate trust.

The President of the University submitted to the Board a letter dated November 2, 1937, received from the Trustees under the Last Will and Testament of LaVerne Noyes, deceased, outlining the terms of a proposed gift in trust to The Board of Trustees of the University of Illinois, and the University Counsel explained the proposed form of contract received from the trustees under the will. The following resolution was offered:

Resolved, that this Board of Trustees accept the gift in trust offered it by Lewis C. Walker, Joseph J. Fraser, and Frederick E. Smith, as Trustees under the Last Will and Testament of LaVerne Noyes, deceased, for the purposes set forth in said will and that this Board enter into proposed form of contract between said Trustees, the Annuitants therein named, and the Board of Trustees of the University of Illinois and such other Universities or Colleges as may become parties thereto, a copy of which contract has been submitted to this meeting;

Resolved, further, that the President and Secretary of this Board be and they are hereby authorized and directed for and on behalf of The Board of Trustees of the University of Illinois to execute said contract when the same shall be submitted to them in final form and that the Secretary be and is hereby directed to affix thereto the corporate seal when said contract has been so executed.

On motion of Mr. Moschel, this resolution was adopted, subject to the approval by the University Counsel of the agreement to be executed by the President and Secretary of the Board and on condition that said agreement will not create any liability on the part of the Board of Trustees of the University of Illinois to annuitants or beneficiaries under the will to make payments to them thereunder in addition to the income from the trust estate or estates set up and administered by the trustees of the estate of LaVerne Noyes under the will.

REQUEST OF ILLINOIS STATE VETERINARY MEDICAL ASSOCIATION

(22) A request from the Executive Board of the Illinois State Veterinary Medical Association that the University establish a Veterinary College in connection with the College of Medicine in Chicago. A copy of the letter from the Secretary and Treasurer of the Association is hereby given to the Secretary of the Board for record.

Action on this matter was deferred.

FIFTIETH ANNIVERSARY OF AGRICULTURAL EXPERIMENT STATION

(23) In March, 1938, the Illinois Agricultural Experiment Station will have been organized fifty years, and it is the opinion of the Dean and the Executive Committee of the College of Agriculture that this anniversary should be observed by a modest celebration which would review briefly the history of the Experiment Station, its significant achievements, and finally might point out the possible direction which future researches should take. A special appropriation to cover the cost will be necessary, but the amount cannot be determined until further plans are developed. The total expense should not exceed \$2,000. I am bringing the matter to the attention of the Board at this time for consideration of the proposal, which if approved implies that a special appropriation will be requested later.

On motion of Mr. Cleary, this project was approved in principle.

AMERICAN FEDERATION OF STATE, COUNTY, AND MUNICIPAL EMPLOYEES

(24) A report of a conference on November 8 with representatives of the American Federation of State, County, and Municipal Employees, which is affiliated with the American Federation of Labor. The officers of the Federation

desire to present the advantages of membership therein to the employees of the University of Illinois. They wish to approach all employees of the University who are not on the instructional and strictly scientific staffs, such as clerks and stenographers, including all employees of the Physical Plant Department, engaged in maintenance and operation of buildings and grounds, as well as those in offices and on the farms, who are not at present members of any craft or other labor union.

No action was taken on this matter.

At this point Mr. Cunningham, Secretary of the Board, withdrew, and Mr. A. J. Janata, Assistant to the President, was requested to act for the Secretary.

COMMERCIAL CONCESSIONS IN UNIVERSITY BUILDINGS AT CHICAGO

(25) A request from Mr. George E. Piper, an employee of the Department of Public Welfare, Division of Visitation of Adult Blind, for the operation of a concession stand (at which would be sold periodicals, confections, beverages, etc.) in the Research and Educational Hospitals, to provide a profitable occupation for qualified blind people. This proposal was made to me informally by Mr. Piper several weeks ago, and I asked him to submit it formally in writing to the Director of the State Department of Public Welfare and to the Board of Trustees.

It is not clear whether this would involve any of the buildings owned and operated by the University, but it is reasonable to assume that if such a stand is operated successfully in the Research and Educational Hospitals, later the Board might be asked to grant permission for the operation of similar stands in University buildings.

I recommend that this be referred to the Committee on the Chicago Departments for consideration and report.

On motion of Mrs. Plumb, the President of the University was instructed to advise Mr. Piper that the Trustees, not having exclusive jurisdiction over the operation of the Research and Educational Hospitals, cannot grant this request, but that it is a matter for decision of the joint committee of the Department of Public Welfare and the University on the management of the Research and Educational Hospitals.

HOUSING FOR UNDERGRADUATE MEN STUDENTS

(26) Last spring I appointed a faculty Committee on Housing for Undergraduate Men Students to consider certain recommendations from the Men's Independent District Association relative to the improvement of housing conditions and the construction of dormitories for men students. The report and recommendations of this Committee were presented to the Board of Trustees through its Committee on Student Welfare.

More recently the Men's Independent District Association has submitted a supplementary request:

1. That the University regulate housing for men students by classifying private rooming houses and requiring students to live only in such houses as are approved.
2. That the University purchase suitable residence property for cooperative houses for men students.
3. That the University lay the groundwork for the construction of men's dormitories.

The faculty Committee on Housing for Undergraduate Men Students has considered these requests and has made certain recommendations. I submit the following for approval by the Board:

1. That the University establish and maintain a list of approved rooming houses for undergraduate men and that rooming contracts be provided for the

use of students and housemothers, such contracts to be recognized and enforced by the University only in the case of houses on the approved list. The conditions under which houses will be approved will be determined by the Dean of Men and the University Health Officer. (No houses are to be *disapproved*, but those which are not satisfactory will simply be omitted from the approved list, nor will all students be required to live in University approved houses since such a situation is impossible at the present time. When the time comes that the University can require all students to live in University approved residences, a central housing bureau for both men and women students may be desirable.)

2. That the University do not establish cooperative houses for men. While cooperative houses for women students have been satisfactory, observations of cooperative houses for men at other institutions indicate that the living standards are low and that there is no great economy.

3. That the University seek from the General Assembly of Illinois an outright appropriation for a portion of the cost of one or more dormitories for men and that enabling legislation be sought to provide bonding powers to finance the rest.

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

REQUEST FROM ILLINOIS COUNCIL OF CHURCHES

(27) A request from the Illinois Council of Churches that the University sponsor an interdenominational meeting of clergymen in Illinois for a few days of study at the University sometime during the current University year.

On motion of Mr. Cleary, the Board voted that it appreciates the interesting and constructive suggestions of the Illinois Council of Churches but deeply regrets that it is outside of the jurisdiction of the University to call a religious conference.

GIFTS TO THE UNIVERSITY

(28) The following report of gifts to the University:

1. Mr. H. Joseph Goldberger, a Civil Engineer of Chicago, student in the College of Engineering 1913-1916, 81 volumes of literature in the German language, books which formerly belonged to his father and mother.

2. The Benjamin and Julius Cohen Heart Fund to the College of Medicine, \$600 for research in cardiac diseases.

3. Mr. C. P. Van Schaack, Jr., to the College of Pharmacy, certain historical relics of the Civil War period.

4. E. I. duPont de Nemours & Company, \$2,000 to provide a research assistant to Professor C. S. Marvel in his research work on vinyl derivatives.

5. Chemical Foundation, \$2,000 for research on sulfanilamide derivatives under the direction of Professor Roger Adams.

6. Independent Electric Machinery Company, of Kansas City, Missouri, one 100-L Alamo Unit Plant No. 10688 (farm lighting unit).

7. Illinois Association of County Superintendents of Highways, \$25 prize for paper on the subject of Highways.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(29) The quarterly report of the Comptroller to the Board of Trustees as at September 30, 1937.

This report was referred to the Finance Committee for consideration and report.

DECEMBER MEETING

By unanimous consent, the December meeting of the Board was set for Friday, December 3, 1937, at 9:30 a.m., at the Blackstone Hotel, in Chicago.

FACULTY COMMITTEE TO STUDY STATE EMPLOYEES ANNUITY FUND

On motion of Mr. Mayer, the President of the University was directed to appoint a faculty committee to assist the Finance Committee of the Board in its study of the legislation proposed by representatives of State employees to create a "State Employees Annuity Fund."

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

A. J. JANATA

Secretary, Pro Tempore

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

December 3, 1937



The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, December 3, 1937.

The following members were present: President Karraker, Mr. Cleary, Mrs. Freeman, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, and Mr. C. S. Havens, Director of the Physical Plant Department.

SITE FOR NATURAL RESOURCES BUILDING

Mr. Pogue presented the following report:

The Committee on Buildings and Grounds met at the Blackstone Hotel, in Chicago, at 8:30 a.m. on Friday, December 3, 1937. The following members of the Committee were present: Mrs. Freeman, Mr. Mayer, Mr. Moschel, Mr. Pogue. Mr. J. M. Cleary, Chairman of the Committee on General Policy, and President Willard were present; also, Mr. A. J. Janata, Director C. S. Havens, Judge Sveinbjorn Johnson, Director T. H. Frison, Director M. M. Leighton, Professor Edson S. Bastin, Dr. W. A. Noyes, and Dr. William Trelease, the Building Committee of the Board of Natural Resources and Conservation. In the absence of Mr. Adams, and at his request, Mr. Pogue acted as Chairman. Mr. H. E. Cunningham acted as Clerk.

Mr. Pogue reported that the Committee had met on November 26, 1937, discussed the matter of site for the Natural Resources Building, tentatively selected a site south of the Building for Architecture and Kindred Subjects, and deferred action pending the receipt of information from Directors Frison and Leighton on the amount of ground space required, not only for the building now to be constructed, but also for the ultimate development to house the activities of the two surveys.

Mr. Pogue stated that the information requested had been received together with a request for the west half of the space south of the Building for Architecture and Kindred Subjects, and requested Mr. Havens to comment on this selection.

Director Havens called attention to the Campus Plan adopted by the Board, and stated that the north part of the area under consideration should be reserved for buildings for instructional purposes for the biological sciences because of greater accessibility to students, and that the connection of the Natural Resources Building with University service lines will not cost any more than if that building were located on the south half of the area, immediately south of the proposed east-to-west avenue included in the Campus Plan. This matter was fully discussed. President Willard stated that he concurred in the selection made by Director Havens, and recommended that the Committee adopt the south half of the area under consideration.

Director Frison and Director Leighton stated that in view of the future needs of the University this site would be acceptable, if it could be cleared of objectionable buildings as soon as possible.

On motion of Mr. Moschel, the Committee voted to recommend that the south half of the area south of the Building for Architecture and Kindred Subjects be assigned as a site for the Natural Resources Building, and that at the earliest possible moment the Animal Pathology Laboratory and the Military Stables and Yards be removed.

On motion of Mr. Cleary, the report was accepted and the area bounded by Pennsylvania Avenue, Sixth Street, South Drive, and the Broadwalk extended, approximately 270 feet by 600 feet, immediately west of the Stock Pavilion, was assigned as recommended, subject to the execution of a final agreement within the powers of and agreeable to both parties, providing for the construction and the operation of this building.

GALLIVAN TRACT

Mr. Pogue reported also that the Committee on Buildings and Grounds had met with Mr. O. L. Browder, City Council of Urbana, and discussed the possible acquisition of the Gallivan tract. The Committee recommended that this site be acquired if possible, at a maximum cost of \$30,000, for a clear and merchantable title.

Action on this matter was deferred.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LEAVE OF ABSENCE FOR PROFESSOR OLIVE C. HAZLETT

(1) Dr. Olive C. Hazlett, Associate Professor of Mathematics, was granted leave of absence on account of illness with full pay from December 1, 1936, to September 1, 1937. On her own request she was granted additional leave of absence, without pay, for the University year 1937-1938.

Doctor Hazlett now requests that her status be changed and that she be given leave of absence on one-half salary. This could not be done within the present budget of the Department of Mathematics. Her salary is \$3,500 and the Department has appointed a substitute to do her work at a salary of \$2,000 a year, so that there is a balance of \$1,500 available if the Board desires to grant Doctor Hazlett leave of absence on part pay.

The Head of the Department and the Dean of the College of Liberal Arts and Sciences recommend that instead of leave of absence without pay, her status be changed to leave of absence on part pay, effective December 1, 1937, and continuing until September 1, 1938, at a salary of \$125 a month.

On motion of Mr. Mayer, the status of Dr. Hazlett was changed as recommended.

CHANGE OF STATUS OF PROFESSOR CHARLES ZELENY

(2) Professor Charles Zeleny has asked to be relieved of his duties as Head of the Department of Zoology, and the Dean of the College of Liberal Arts and Sciences recommends a change in his status from Professor and Head of the Department to Professor of Zoology beginning November 1, 1937, at an annual salary of \$5,560.

On motion of Mr. Mayer, Professor Zeleny was relieved of his duties as Head of the Department of Zoology, as recommended, and continued as Professor of Zoology, on indefinite tenure, at a salary of \$5,560 a year, subject to the deduction of \$25 a month as at present.

RETIREMENT OF BEN SCHOLFIELD

(3) A recommendation from the Director of the Physical Plant Department that Ben Scholfield, an employee in the Power Plant, be given sick leave of absence with full pay from November 10, 1937, to January 23, 1938, on which date he will have been in service for 15 years, and that he be retired at that time with an allowance of \$474 a year.

Mr. Scholfield is 71 years old and is suffering from an ailment which makes it impossible for him to continue in service. He will be due for automatic retirement, under the University Statutes, effective September 1, 1938.

On motion of Mrs. Freeman, this recommendation was adopted.

ADJUSTMENTS IN ATHLETIC ASSOCIATION BUDGET

(4) A report that the Board of Directors of the Athletic Association has made the following assignments from its reserve fund:

1. Repairs of Ice Skating Rink.....	\$30 000
2. University Bands.....	550
3. Purchase of medals for fall handicap track meet.....	60
4. Illuminated scroll awarded to Coach Robert C. Zuppke.....	125
5. Moving pictures of football games.....	600
<i>Total</i>	<u>\$31 335</u>

On motion of Mr. Moschel, these adjustments were approved.

RELEASE OF APPROPRIATION FOR SKATING RINK REPAIRS

(5) The Director of Athletics reports that it will not be necessary for the Athletic Association to take advantage of the offer of the Board of Trustees of advancing as a loan from University funds one-half of the estimated cost of the Skating Rink repairs. The actual income of the Athletic Association for the present fiscal year exceeds budget estimates by a considerable margin.

I therefore recommend that the Board reconsider its action of October 15, 1937 (Minutes, page 540), appropriating \$15,000 for this purpose and that this amount be restored to the General Reserve Fund.

On motion of Mr. Mayer, the action of October 15, 1937 (page 540), making this appropriation, was reconsidered.

On motion of Mrs. Freeman, the action of October 15, 1937 (page 540), was rescinded and the amount of \$15,000 was restored to the General Reserve Fund.

APPROPRIATION FOR SCHOLARSHIPS AND FELLOWSHIPS

(6) The Dean of the Graduate School has recommended that an appropriation of \$50,000 be made for graduate scholarships and fellowships for 1938-1939.

The revised legislative budget for 1937-1939 included an estimated provision of \$37,500 for graduate scholarships and fellowships. The actual appropriation for 1937-1938 was \$35,600. The present budgetary income will permit renewal of this appropriation for next year, and it is possible that when the budget for 1938-1939 is made up funds for graduate scholarships and fellowships can be increased.

I recommend the appropriation of \$35,600 at this time with the understanding that this will be subject to increase, but not to exceed a total of \$50,000, if other needs permit.

On motion of Mr. Cleary, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF PROSTHETIC DENTISTRY

(7) A recommendation that an assignment of \$400 be made from the General Reserve Fund to the Department of Prosthetic Dentistry for the purchase of teaching models to replace models stolen last year.

The total loss, which was fully covered by insurance, was \$1,216. The University received settlement in full, and the proceeds were deposited in the general funds of the University. Last year \$300 was drawn from the amount recovered to replace a part of the models, and the Department now requests an additional \$400 for further replacement of the lost teaching materials.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR PURCHASE OF EQUIPMENT FOR WORK IN SPEECH

(8) A recommendation that an assignment of \$1,000 be made from the General Reserve Fund for the purchase of equipment for a Speech Laboratory for the Department of English. The Department has requested \$2,000 for this purpose, but \$1,000 will be provided from the Special Equipment Fund of the College of Liberal Arts and Sciences.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO PHYSICAL PLANT DEPARTMENT

(9) A recommendation that an assignment of \$3,500 be made from the General Reserve Fund to the Physical Plant Department to supplement its operating budget for the current year. The additional funds are needed on account of the increased police and watchman service which that Department is being called on to render.

On motion of Mrs. Plumb, this appropriation was made as recom-

mended, by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

LEASE OF SPACE IN ILLINOIS UNION BUILDING

(10) On July 11, 1934 (Minutes, page 2), the Board authorized a contract with the University of Illinois Union Corporation for the lease of space in the Union Building for use as a student and alumni center, at a rental based upon the total cost of operating the building and the percentage of space leased by the University. At present this amounts to 47.6 per cent of the available space and the rental is \$3,553 a year. A special committee, consisting of the Comptroller, the Director of the Physical Plant Department, and the Dean of Men, which has been working on the problems of the Illinois Union and the possibility of the purchase of its building by the University, has submitted a report on the present financial condition of the organization with the recommendation that the lease be renewed for one year from July 1, 1937, at an increase in rental of \$3,142 for the year.

A part of this could be met by waiving, during the current year, the interest charge of five per cent on the deferred account of the Union with the University (that is, the amount of money due the University from the Union for services rendered in past years). When the present arrangement for the lease of space was made with the Union, the interest charge was included to put the University on the same basis as other creditors. The Union's other current obligations have been disposed of, some at less than five per cent interest. The mortgage has recently been refinanced, and the Union is paying \$3,000 a year amortization on this new loan. The interest payments due the University amount to \$498.36 a year on an indebtedness of \$9,967.03, which has been deferred since 1934. All interest has been paid when due.

If the lease is renewed at an increased rental and the interest is waived, an additional appropriation of \$2,642 should be made to the Physical Plant Department to provide for the increase; if the interest is not waived, an appropriation of \$3,142 should be made. Since the chief reason for seeking an increase in the rental is to enable the Union to pay \$3,000 a year on the amortization of its new mortgage, if the lease is renewed on the proposed new basis it should be on condition that the increase in rental, and the amount of any interest charges which may be waived, shall apply on the purchase price of the building in case the University buys it in the future.

On motion of Mr. Cleary, the extension of the lease of space in the Illinois Union Building to July 1, 1938, was authorized, but the interest charges were not waived, and an additional appropriation of \$3,142 to compensate the Union for increased rental and other operating expenses was made from the General Reserve Fund to the Physical Plant Department, by the following vote: Aye, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Adams, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

On motion of Mr. Moschel, the President of the University was requested to consider the terms of the arrangement with the Illinois Union and to report his recommendations prior to July 1, 1938.

CONFERENCE ON DEVELOPMENT OF MEDICAL CENTER

(11) Mr. Robert Kingery, of the Chicago Plan Commission, wishes to discuss with representatives of the University plans for the future development of the Medical Center on the west side of Chicago, and I have invited him to appear before the Board to present his plan in person.

Mr. Kingery was introduced. He presented a request that the University join in an architectural study of the development of the Medical Park Area.

**AGREEMENT WITH ILLINOIS IOWA POWER COMPANY
FOR POWER SERVICE**

(12) The Illinois Iowa Power Company has served notice that it will terminate its power service agreement with the University of Illinois, effective March 1, 1938. This agreement provides for the delivery of electrical energy to the University's Power Plant under certain conditions and was entered into by the Board of Trustees with the Illinois Power and Light Corporation on July 1, 1934. The contract provides that it may be terminated by either party on ninety days' notice.

The Company has offered the University a new contract and schedule of rates which is considerably higher. For example, during 1936-1937 the total annual expenditure for power purchased from this Company was \$11,370.50, whereas under the new rate the total expense would be \$20,266. This comparison is based only on the present transformer capacity and does not provide for the emergency service in case of breakdowns in the University's Power Plant. It is futile to consider doing without service from the Illinois Iowa Power Company, and consequently the following alternatives are open to the University:

1. To enter into a new contract with the Illinois Iowa Power Company either (a) for existing transformer capacity (1,000 K. V. A.), or (b) for increased capacity to provide also for emergencies as well as anticipated expansion.

2. The purchase and installation of additional generating equipment for the University Power Plant.

3. A combination of (1) and (2) above.

The Physical Plant Department makes the following recommendations:

1. Without a detailed study of this problem or that of the entire power plant and a program for the future, any recommendation now is little better than a guess. It is our opinion, however, that a combination of both a standby contract with the Illinois Iowa Power Company for emergencies, and the installation of additional generating equipment to take care of the normal demand, would be the most economical.

2. However, as the generating equipment would probably cost \$40,000 to \$50,000, in view of lack of funds the only alternative seems to be that of entering into a contract with the utility company at the lowest possible cost. If this additional expenditure is to be taken from the operation and maintenance budget, it will result in a reduction in building maintenance expenditures, which, in our opinion, are even now too low.

3. We recommend further that the Board authorize filing an objection with the Illinois Commerce Commission as to the termination of the contract until such time as it is possible for the University to obtain additional appropriations (i.e., until the end of the biennium).

4. As soon as possible, funds should be appropriated for a power plant study to determine the future expansion of both steam and electrical generating equipment.

On motion of Mr. Cleary, this matter was referred to the Committee on Buildings and Grounds for investigation and report.

SANITARY SEWER IN URBANA

(13) The City Engineer of Urbana has inquired if the University will assume one-half of the cost of the construction of a twelve-inch sanitary sewer from Nevada Street to Green Street, intercepting all laterals in the area bounded by Mathews Avenue, Illinois Street, Lincoln Avenue, and Nevada Street. The estimated cost of this project is \$5,000. The new sewer will connect with the Residence Halls on Nevada Street and can be extended to serve other buildings to the south if the grade is raised.

The usual method of levying assessments for such improvements is to assess each lot equally, and as there are approximately 238 lots in this area, the University's share would not be one-half of the total cost. The value to the University of such an improvement is that a congestion in the sanitary drainage system affecting the Residence Halls would be serious, plus the fact that the University will undoubtedly in future years construct other buildings in the area to be served by this sewer. Should these buildings be constructed, it would be impossible for the present sewer to carry the increased load, and it would then be necessary for the University to assume the cost of providing adequate outlets for these buildings.

It has been the policy of the Board of Trustees to accept the University's share of the cost of public improvements based on the benefits to University property. The Director of the Physical Plant Department recommends that, in accordance with this policy, the Board of Trustees accept the University's share of the cost for the proposed sanitary sewer, and that the authorities of Urbana be notified that the University will pay its share when the cost has been determined. I concur in this recommendation.

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

RELEASE OF PATENT RIGHTS

(14) The Faculty Committee on Patents presents a report on and a recommendation concerning the discovery by Doctors Roger Adams and Allene Jeanes of a new organic compound known as 9,10-phenanthrene carboxylic anhydride. The Committee is of the opinion that neither the public interest nor the commercial value of this compound would justify the expense of applying for a patent. The Committee, therefore, recommends that this discovery be released to the discoverers.

On motion of Mr. Cleary, this discovery was released as recommended.

PATENT OF PROCESS OF IRRADIATING WHITE PHENOLPHTHALEIN

(15) The Faculty Committee on Patents recommends that the Board authorize an application for a patent of a process of irradiating white phenolphthalein discovered by Dr. Bernard Fantus, Professor of Therapeutics, and Dr. Ludwig Pincussen, with the understanding that the patent shall be assigned by them to the University. The discovery is new, scientifically important, and has possibilities of commercialization which promise a return to the University sufficient at least to cover the expenses of the patent.

On motion of Mr. Moschel, the application for this patent was authorized as recommended.

LICENSING AGREEMENT WITH BERRY ASPHALT COMPANY FOR USE OF GRANT SEWER PIPE JOINT FILLER PATENT

(16) Pursuant to the action of the Board on October 15, 1937 (Minutes, page 544), the University Counsel has prepared a licensing agreement with the Berry Asphalt Company of Chicago for the manufacture and sale of the filling compound described in United States Letters Patent No. 2,040,256, issued May 12, 1936, covering a sewer pipe joint filler, to Francis R. Grant and assigned by him to the University. This license is for a period of one year, and the licensee agrees to pay a royalty of five per cent on the gross market price of sales, the basis for the calculation to be the price actually contracted to be paid for the compound sold, distributed, or delivered by the licensee, or if no contract price be fixed, the current market price of the filling compound or equivalent compounds.

On motion of Mrs. Freeman, the execution of this agreement was authorized.

**PATENT OF PROCESS FOR REMOVAL OF SULFUR
DIOXIDE FROM FLUE GASES**

(17) Under its contract with the Utilities Research Commission the University is obligated to apply for patents of discoveries resulting from researches financed by this Commission. The contract also provides that such patents shall be assigned to the Commission.

For several years Professor H. F. Johnstone, of the Department of Chemistry, has been working on the recovery of sulfur dioxide from flue gases, and as a result of his researches eleven applications for patents of various processes have been filed. Four patents have been issued, one application has been rejected, and six are still pending. One of these applications (Case No. 6) was filed on December 23, 1935. The Utilities Research Commission is of the opinion that a better patent could be obtained if an additional application were made in this particular field, or by attempting to have claims reinstated which have heretofore been rejected.

The Faculty Committee on Patents has carefully considered this proposal and the expense which these new steps will involve (estimated from \$500 to \$600). It has come to the conclusion that such additional expense would not be justified since the University has already performed its contract in this instance, and recommends that if the Commission desires further protection in Case No. 6 it should finance any further patent proceedings.

On motion of Mrs. Plumb, the Board concurred in this recommendation.

**AGREEMENT WITH UTILITIES RESEARCH COMMISSION FOR
ASSIGNMENTS OF PATENTS**

(18) On October 30, 1931 (Minutes, page 476), the Board adopted a report from its Committee on Patents, accepting a proposal from the Utilities Research Commission concerning the commercial development of patents resulting from researches on the elimination of sulfur fumes in stack gases. The Board also authorized the execution of a contract, as recommended by its Committee on Patents under the terms of which the University agrees to assign to the Commission for commercial development patents of such discoveries.

The Faculty Committee on Patents has been studying this matter and is of the opinion that this contract and the entire situation should be examined by the Board Committee on Patents.

I recommend that this matter be referred to the Board Committee on Patents for consideration and report.

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

SALE OF MARTIN FARM

Mr. Mayer, for the Finance Committee, reported as follows:

The Comptroller reports that pursuant to the authorization of the Board on November 10, 1937 (Minutes, page 565), he has concluded a contract with Mr. J. P. Minier, Sr., R.R. 1, Benton, Illinois, whereby Mr. Minier agrees to purchase the Martin farm for a total consideration of \$5,300, of which \$2,000 is to be paid in cash on execution and acceptance of the necessary legal papers, and \$500 each year thereafter with interest at three per cent per annum for the first two years and four per cent thereafter until paid. The unpaid balance of the purchase price will be secured by a first mortgage on the farm.

This report was received for record.

SALES AND PURCHASES OF SECURITIES

Mr. Mayer also reported for the Finance Committee:

The Comptroller reports the following sales and purchases of securities representing investments of endowment funds in accordance with the authorization of the Board:

GROUP INVESTMENTS SALES

<i>Par</i>	<i>Description</i>	<i>Price at which sold</i>	<i>Book value at time of sale</i>	<i>Amount realized from sale</i>	<i>Net profit</i>
\$10,000	City of New York, 4% bonds, due 1940.	105.548535	\$10,293.31	\$10,554.85	\$261.54

GROUP INVESTMENTS PURCHASES

<i>Par</i>	<i>Description</i>	<i>Price at which purchased</i>	<i>Yield</i>	<i>Book value</i>
\$3,000	Gulf States Utilities, 4% bonds, due 1966	100¾	3.99	\$3,007.50

This report was received for record.

On motion of Mr. Mayer, the purchase of \$5,000 par value Wilson Company bonds, first fours of 1955 was authorized as an investment of endowment funds.

CONTRACT WITH ARTHUR ANDERSEN & CO.

On motion of Mr. Mayer, the Finance Committee was authorized to negotiate a contract with Arthur Andersen & Co. at a maximum cost of \$3,300 for the next year.

PROPERTY NEAR COLLEGE OF MEDICINE

Mrs. Plumb, for the Committee on Chicago Departments, presented an informal report on the disposal of property near the College of Medicine. This report was received for record.

LOCATION OF PASTEUR MONUMENT

On motion of Mrs. Plumb, the following resolution was adopted:

Whereas, the Chicago Park Board has offered the University the valuable monument to Louis Pasteur, now standing near the Field Museum, on condition that the University remove this monument and place it in a suitable location at the College of Medicine, which gift the University has accepted; and

Whereas, the Board of Trustees is deeply conscious of the greatness of the subject and of the value of the gift; and

Whereas, plans for the development of the Chicago Medical Park area are at this time uncertain;

Therefore, be it resolved, that the Board of Trustees feels unable to assign a suitable site for this monument before next spring.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

OFFER OF MR. FRANCIS J. PLYM

(19) Mr. Francis J. Plym, of Niles, Michigan, an alumnus of the University, who has endowed the Plym Fellowship in Architecture and the Plym Scholarship in Architectural Engineering, wishes to increase the endowment of this fund to change the Scholarship to a "Foreign Traveling Fellowship in Architectural Engineering" and to increase the stipend from \$700 to \$1,200 a year, thus making it the same as the Fellowship in Architecture.

He has suggested that he purchase common stocks and give them to the University, leaving the Board free either to keep them or to sell them at such time as it seems advisable. He has in mind the following stocks and has asked that the Board indicate its preference of two or three of these: American Tobacco "B," Swift & Company, Loew's, Inc., General Electric, Westinghouse Air Brake.

This matter was referred to the President of the University.

PURCHASE OF HEIFERS

(20) A report of the following purchase, authorized by the President of the University under the Statutes, of twenty-five purebred registered Hereford heifers from Winston Brothers of Snyder, Texas, at a total price of \$2,500.

On motion of Mr. Moschel, the action of the President of the University in authorizing this purchase was confirmed.

PURCHASES RECOMMENDED

(21) A recommendation that the following purchases be authorized:

1. Black and galvanized steel pipe of various sizes for stock in the Physical Plant Department Storeroom, from Kinsey and Mahler Company, Peoria, the lowest bidder, at a price of \$1,214 f.o.b. Urbana.

2. Laboratory furniture for the Department of Mining and Metallurgical Engineering, as per a schedule which is hereby given to the Secretary of the Board for record, from the Walrus Manufacturing Company, Decatur, Illinois, the lowest bidder, at a price of \$2,255.05, delivered and installed.

3. One 40,000 pound capacity "Tru-Gauge" Precision Hydraulic Universal Testing Machine, for the Department of Mining and Metallurgical Engineering, from the American Machine and Metals, Incorporated, Riehle Division, the lowest bidder, at a price of \$1,580 f.o.b. Urbana.

4. Laboratory cabinets and tables for the Department of Home Economics, as per a schedule which is hereby given to the Secretary of the Board for record, from W. W. Kimball Company, of Chicago, the lowest bidder, at a price of \$1,165.51, delivered and installed.

5. High Early Strength Cement, 886 barrels (in paper sacks), from Alpha Coal and Materials Company, the lowest bidder, at a price of \$3.02 per barrel f.o.b. Urbana, or a total cost of \$2,675.72.

By separate motions, these purchases were authorized as recommended.

CANCELLATION OF AWARD OF COAL CONTRACT

(22) At its meeting on September 27, 1937 (Minutes, page 494), the Board authorized the award of contracts for the purchase of coal, including one to Washington Martin for 1,500 tons at \$1.75 a ton.

Mr. Martin is unable to present the required bond guaranteeing completion of the contract and consequently this award should be cancelled. In the meantime, the University is not likely to suffer financial loss as there were other bidders to whom contracts were authorized and it is now possible to purchase coal on the open market at a price less than that offered by Mr. Martin.

On motion of Mrs. Plumb, this contract was cancelled as recommended.

REPORT OF CONTRACTS

(23) The following report from the Comptroller of contracts executed since the last report.

CONTRACTS EXECUTED BY THE COMPTROLLER,
NOVEMBER 4, 1937, TO NOVEMBER 26, 1937

Minor contracts executed under general regulations of Board of Trustees.

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Musher Foundation, Inc.	Investigation of antioxidant properties of oat-flour. (Renewal of investigation approved by Board of Trustees March 9, 1937, Minutes, page 197)	\$300	September 15, 1937

Minor leases executed under general regulations of Board of Trustees.

<i>From whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Remington Rand, Inc.	Dexigraph equipment (in Registrar's Office)	\$16 per month	November 1, 1937
E. A. Moore	Sherwood property (Residence property across from Military stables)	\$27 per month	November 15, 1937

This report was received for record.

SAMUEL HARE LOAN FUND

(24) The Comptroller reports that he has received from the estate of Samuel Hare the following securities in settlement of his bequest:

Cash.....	\$ 8 301 49
U. S. Treasury, 3% bonds, 1946-48 (par).....	5 000 00
U. S. Treasury, 3½% bonds, 1944-46 (par).....	300 00
<i>Total</i>	<u>\$13 601 49</u>

A report of this bequest was made to the Board on October 15, 1937 (Minutes, page 549), and the Comptroller was authorized to accept this settlement.

This report was received for record.

OFFER OF COLLECTION OF PAINTINGS FROM MR. & MRS. MERLE J. TREES

(25) The University of Illinois Foundation presents an offer of a gift from the Honorable Merle J. Trees, an alumnus of the University and a former member of the Board of Trustees, and from Mrs. Emily Nichols Trees, an alumna of the University.

This matter was referred to the President of the University and the Executive Committee, with power to act.¹

SOCIAL CONDITIONS IN UNIVERSITY DISTRICT

(26) There exist in the neighborhood of the University but in areas over which it has no control, certain conditions which result in an unwholesome environment and are detrimental to the interests of the student body. When such conditions are found, it is the policy of the University administration to bring them promptly to the attention of the local municipal authorities. When it is impossible for these authorities to eliminate such conditions, the alternative is that the University take such steps as it can either directly or through the cooperation of civic bodies and individual citizens.

I request the instructions of the Board as to the policy which should be followed by University administrative officials in dealing with such problems.

This matter was referred to the President of the University.

R.O.T.C. UNIT AT COLLEGE OF MEDICINE

(27) The Dean of the College of Medicine has reported that a question has been raised as to the establishment of a medical unit of the Reserve Officers' Training Corps of the College of Medicine. The purpose of this would be to train medical officers for the Officers' Reserve Corps of the United States Army. It would not involve any expense to the University except to supply a classroom.

This matter was referred to the President of the University for a recommendation.

¹See page 587.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Albig, J. W., Assistant Professor of Sociology, beginning October 1, 1937, and continuing through August 31, 1939, and Executive Secretary of the Department of Sociology, beginning October 1, 1937, and continuing until further notice, at a cash compensation at the rate of three thousand three hundred dollars (\$3,300) a year (this supersedes his previous appointment). (November 8, 1937)¹

Baker, Norman Ludlow, Assistant in Medicine, in the College of Medicine, beginning November 15, 1937, and continuing through August 31, 1938, without salary. (November 14, 1937)

Benford, Myron C., Assistant Superintendent of the Dispensary, in the College of Medicine, for ten months beginning November 1, 1937, at a cash compensation at the rate of three hundred dollars (\$300) a month (this supersedes his previous appointment). (November 14, 1937)

Birkett, Dorothy, Secretary to the Dean of the College of Liberal Arts and Sciences, beginning November 1, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes her previous appointment). (October 27, 1937)

Boyd, Martha Jean, Stenographer in the Office of the Dean of the College of Engineering, on one-half time, and Clerk and Stenographer in the Department of General Engineering Drawing, in the College of Engineering, on one-half time, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 28, 1937)

Canter, H. V., Professor of the Classics, on indefinite tenure, and Acting Chairman of the Department of the Classics, for one year beginning September 1, 1937, at a cash compensation of five thousand four hundred dollars (\$5,400) a year. (October 22, 1937)

Case, Helen, Junior Stenographer in the Graduate School, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 23, 1937)

Clarke, Lorena, Cataloger in the Medical and Dental Library, beginning November 15, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand seven hundred dollars (\$1,700) a year. (November 5, 1937)

Clowes, L. C., Instructor in Surgery, in the College of Medicine, for eleven months beginning October 1, 1937, without salary. (October 14, 1937)

Ehlert, Edward, Library Clerk in the Medical and Dental Library, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 22, 1937)

Esterquest, Ralph T., Assistant in the Order Department of the Library, beginning December 13, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1,400) a year. (November 30, 1937)

Everett, Gertrude, Junior Stenographer in the Department of Histology, in the College of Dentistry, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 28, 1937)

Folk, Martha Rubin, Assistant in Ophthalmology, in the College of Medicine, for ten months beginning November 1, 1937, without salary. (November 2, 1937)

Gebhart, Harry C., Assistant Professor of Hygiene, and Medical Adviser for Men, beginning November 15, 1937, and continuing through August 31,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

1938, at a cash compensation at the rate of three thousand five hundred dollars (\$3,500) a year (this supersedes his previous appointment). (November 11, 1937)

Goldberg, Aaron Louis, Assistant in Medicine, in the College of Medicine, beginning November 15, 1937, and continuing through August 31, 1938, without salary. (November 14, 1937)

Goodman, Louis, Instructor in Medicine, in the College of Medicine, beginning November 8, 1937, and continuing through August 31, 1938, without salary (this is in addition to his appointment as Instructor in Pathology). (November 12, 1937)

Gregory, Catherine Elizabeth, Teacher of Social Studies in the University High School, on one-fourth time, for eight months beginning November 1, 1937, at a cash compensation at the rate of forty dollars (\$40) a month. (November 5, 1937)

Grossman, Jack William, Resident in the Department of Roentgenology, in the College of Medicine, for eleven months beginning October 1, 1937, with a vacation allowance of two weeks, the cash compensation being at the rate of fifty dollars (\$50) a month, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (October 21, 1937)

Hawk, Helen M., Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for nine months beginning December 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (November 22, 1937)

Heid, Gilberta May, Assistant in the Loan Department of the Library, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1,400) a year. (October 21, 1937)

Herman, C. E., Assistant Superintendent of the Print Shop, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of three thousand four hundred dollars (\$3,400) a year (this supersedes his previous appointment). (November 4, 1937)

Hoener, Irwin Raymond, Assistant in Soil Fertility, in the Department of Agronomy, in the Agricultural Experiment Station, for ten months beginning November 1, 1937, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 22, 1937)

Hoover, Mildred E., Cataloger in the Library, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1,400) a year. (October 23, 1937)

Howard, Mrs. Jessie, Research Assistant in the Provost's Office, beginning November 16, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (October 30, 1937)

Howard, William Harold, Assistant in Ophthalmology, in the College of Medicine, for ten months beginning November 1, 1937, without salary. (October 30, 1937)

Jeanes, Allene, Special Research Assistant in Chemistry, beginning October 1, 1937, and continuing through September 30, 1938, at a cash compensation of two thousand dollars (\$2,000). (November 3, 1937)

Kahrhoff, Bernard J., Typist in the Accounting Division of the Business Office, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 25, 1937)

Kasch, F. W., Assistant in Physical Education for Men (for Chicago Departments), on one-half time, beginning October 25, 1937, and continuing through June 30, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 22, 1937)

Leathers, Esther Mildred, Stenographer in the Department of Psychiatry, in the College of Medicine, for ten months beginning November 1, 1937, at a cash compensation at the rate of one hundred dollars (\$100) a month. (November 3, 1937)

Lewy, Robert Barnard, Assistant in Otolaryngology, in the College of Medicine, for ten months beginning November 1, 1937, without salary. (October 30, 1937)

Mains, M. Paul, Instructor in Hygiene and Medical Adviser for Men, for nine months beginning December 1, 1937, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (November 11, 1937)

Maloney, Lauretta, Technician, in Roentgenology, on one-half time, and in Prosthetic Dentistry, on one-half time, in the College of Dentistry, for ten months beginning November 1, 1937, at a cash compensation at the rate of one thousand dollars (\$1,000) a year. (November 2, 1937)

McGill, Ernest Charles, Assistant in Obstetrics and Gynecology, in the College of Medicine, beginning November 15, 1937, and continuing through August 31, 1938, without salary. (November 14, 1937)

McNeill, Ellen, Stenographer in the Order Department of the Library, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 21, 1937)

Nedwick, Eleanor H., Clerk and Stenographer in the Chicago Division of the Registrar's Office, for eleven months beginning October 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (October 21, 1937)

O'Connell, Mrs. Mary H., Junior Stenographer in the Department of Surgery, in the College of Medicine, for nine months beginning December 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 11, 1937)

Ogden, Rudolph, Typist in the Accounting Division of the Business Office, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 25, 1937)

Ritcher, Arthur Edward, Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division, on one-half time, beginning November 1, 1937, and continuing until further notice, at a cash compensation at the rate of fifty dollars (\$50) a month. (November 16, 1937)

Robinson, Jennie, Registered Nurse in the Dispensary, in the College of Medicine, beginning October 16, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred forty-five dollars (\$145) a month. (October 21, 1937)

Roerig, Mrs. Esther Price, Assistant in the Loan Department of the Library, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand six hundred dollars (\$1,600) a year (this supersedes her previous appointment). (November 3, 1937)

Roll, Harvey C., Assistant in Dermatology, in the College of Medicine, beginning October 15, 1937, and continuing through August 31, 1938, without salary. (October 25, 1937)

Roos, Frederick J., Instructor in Obstetrics and Gynecology, in the College of Medicine, on one-half time, for ten months beginning November 1, 1937, at a cash compensation at the rate of one thousand dollars (\$1000) a year (this supersedes his previous appointment). (November 12, 1937)

Schroepel, Mrs. Bertha Lee, Cataloger in the Library, beginning October 15, 1937, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand four hundred dollars (\$1,400) a year. (October 21, 1937)

Spaeth, Ralph, Instructor in Pediatrics, in the College of Medicine, on one-half time, for eight months beginning October 1, 1937, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (October 22, 1937)

Stephan, Robert M., Instructor in Physiological Chemistry, in the College of Medicine, on one-eighth time, for eight months beginning October 1, 1937, at a cash compensation at the rate of twenty dollars (\$20) a month. (October 18, 1937)

Sturies, Carl H., Supply Officer in the Military Department, beginning December 1, 1937, and continuing through May 31, 1938, at a cash compensation at the rate of fifty dollars (\$50) a month. (November 19, 1937)

Svoboda, Arthur Frank, Laboratory Helper in the Department of Roentgenology, in the College of Medicine, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 11, 1937)

Swain, Lillian Ruth, Stenographer in the Registrar's Office, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 21, 1937)

Teton, Joseph B., Assistant in Obstetrics and Gynecology, in the College of Medicine, beginning October 15, 1937, and continuing through August 31, 1938, without salary. (October 22, 1937)

Venard, Margaret M., University Junior Clerk in the Infirmary, in the College of Dentistry, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (November 5, 1937)

Weber, Leonard F., Assistant Professor of Dermatology, in the College of Medicine, for ten months beginning November 1, 1937, without salary. (October 22, 1937)

Whitcomb, Mrs. Frances C., Assistant in Pathology, Bacteriology, and Public Health, in the College of Medicine, for nine months beginning December 1, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes her previous appointment). (November 14, 1937)

Wilkinson, Nathan, Assistant in Architecture, for eight months beginning November 15, 1937, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (October 27, 1937)

Williamson, Lloyd A., Clerk in the Accounting Division of the Business Office, for ten months beginning November 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 25, 1937)

COOPERATING TEACHERS

The Secretary presented also for record the following list of cooperating teachers in University High School, for the first semester of the academic year 1937-1938, appointed by the President of the University on October 18 and November 27, 1937.

Allison, C. W.
Bates, Nellie¹
Bloomster, A. Maurine
Bloomster, E. Gretchen
Bottenfield, E. O.
Busey, David
Carlson, T. L.
Champion, Robert
Chester, Margaret B.¹
Cleave, Mabel
Cline, Blanche¹
Cobb, T. H.
Coe, W. C.¹
Cook, Eleanor
Cook, Mrs. Grace Moore
Davis, Lizzie A.
Dixon, Juanita¹
Frederick, Katharine¹
Gaard, Arvilla¹
Hadden, S. B.
Harmison, Marien

Hatch, Charlotte
Hawkins, Mae
Hess, Ira
Hicks, Ruth¹
Horney, Harriet¹
James, Mary E.¹
Kaden, Vera
Kesterson, Ethel¹
King, Ernestine¹
Kluever, Carl
Krieg, Marie
Lauchner, A. H.
Lawson, Mildred
Lee, Avice F.
Lyons, Alice¹
McCall, J. A.¹
McClurg, Lola
McDaniel, Lillie
McDougle, Mrs. Mary V.¹
McGinty, Alice¹
Moyer, Lester R.

¹Appointed by the President November 27, 1937.

Munson, Mrs. Lakie¹
 Nagle, Elizabeth¹
 Neblock, Etta
 Nickell, V. L.
 Reece, Florence¹
 Riley, Mendel
 Roloff, Marjorie
 Roper, Margaret¹
 Rose, Harriett
 Rusk, Elizabeth H.
 Shroyer, Mary
 Simon, E. J.¹
 Sister M. Bartholomew Serry¹
 Sister M. Cecilian Heffron
 Sister M. Lucetta Shea¹
 Sister M. Marcus Dooley¹

Sister M. Tharla Baber¹
 Sister M. Virginie Borre¹
 Snyder, Marian
 South, Belle¹
 Stephens, Lewis
 Stevenson, Mae¹
 Stiegemeyer, Louise
 Strode, Orval
 Stuart, Marion
 Thomasson, A. L.
 Tilbury, Glenn
 Wascher, Anita
 Webber, Pearl¹
 Wiley, Flossie¹
 Wood, Susan H.
 Zimmermann, Joyce

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Alsterlund, J. F., Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division—resignation effective November 1, 1937.

Banister, J. R., Assistant in the Order Department of the Library—declination effective October 15, 1937.

Batchelor, Vance, Supply Officer in the Military Department—resignation effective November 30, 1937.

Boys, Dorothy E., Stenographer in the College of Agriculture—resignation effective November 24, 1937.

Cain, J. R., Associate Professor of Hygiene, and Medical Adviser for Men—resignation effective November 15, 1937.

Childs, Alice, Instructor in Medicine, in the College of Medicine—resignation effective September 1, 1937.

DeLano, P. J., Instructor in Surgery, in the College of Medicine—declination effective September 1, 1937.

Fitch, Grace M., Stenographer in the Department of Agronomy, in the Extension Service in Agriculture and Home Economics—resignation effective December 1, 1937.

Kyle, Constance, Psychiatric Social Worker, in the Department of Psychiatry, in the College of Medicine—declination effective September 1, 1937.

Melby, Dale, Mechanician in the Department of Mining and Metallurgical Engineering, in the College of Engineering, and in the Engineering Experiment Station—resignation effective October 13, 1937.

Milliken, Mrs. Margaret, Assistant in Pathology, in the College of Medicine—resignation effective December 1, 1937.

Mitchell, Mrs. Caline F., Junior Stenographer in the Physical Plant Department—resignation effective November 4, 1937.

Nichamin, Samuel J., Assistant in Pediatrics, in the College of Medicine—resignation effective November 1, 1937.

Orum, Vern Hellyer, Special Research Assistant in the Agricultural Experiment Station—contract terminated as of September 30, 1937.

Riskind, L. A., Assistant in Surgery, in the College of Medicine—cancellation effective September 1, 1937.

Sawyer, A. L., Assistant Professor of Medicine, in the College of Medicine—cancellation effective September 1, 1937.

Settmayer, J. C., Library Assistant in Chemistry—resignation effective September 15, 1937.

Sherwood, L. V., Assistant in Agronomy, in the Agricultural Experiment Station—resignation effective November 10, 1937.

¹Appointed by the President November 27, 1937.

Stoeck, Martha, Stenographer in the Department of Psychiatry, in the College of Medicine—resignation effective October 20, 1937.

Weisiger, Carroll, Jr., Fellow in Psychology—cancellation effective September 1, 1937.

Wood, Patricia J., Stenographer in the Department of Horticulture, in the Extension Service in Agriculture and Home Economics—resignation effective November 3, 1937.

The Board adjourned.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE EXECUTIVE COMMITTEE

DECEMBER 18, 1937

The Executive Committee of the Board of Trustees of the University of Illinois met at the Blackstone Hotel, in Chicago, at six o'clock p.m. on Saturday, December 18, 1937.

Mr. Orville M. Karraker, Chairman, Mr. Oscar G. Mayer, and Dr. Karl A. Meyer, members of the Committee, President A. C. Willard, and Judge Sveinbjorn Johnson were present.

The Executive Committee considered the following matter presented by President Willard:

OFFER OF COLLECTION OF PAINTINGS FROM MR. & MRS. MERLE J. TREES

The Board of Trustees at its meeting on December 3, 1937 (Minutes, page 581), referred to the Executive Committee, with power to act, the following offer from the Honorable Merle J. Trees, an alumnus of the University of Illinois and a former member of the Board, and Mrs. Emily Nichols Trees, an alumna of the University, their offer having been made through the University of Illinois Foundation:

November 29, 1937

University of Illinois Foundation, University of Illinois, Champaign-Urbana, Ill.

GENTLEMEN:

We are offering the University of Illinois through your organization, a collection of oil paintings. We estimate the appraised value of our collection, when complete, will be approximately \$100,000.

We offer this gift on the following conditions:

1. You are to give no publicity to this offer unless and until authorized by us to do so.
2. Upon receipt of this letter you are to discuss the matter with the President of the University of Illinois promptly. If he approves of the proposal, a recommendation is to be submitted to the next meeting of the Board of Trustees, which is to be held at the Blackstone Hotel, Chicago, December 3, 1937.
3. The University of Illinois must agree to keep the entire collection together in one room or if in more than one room, then in rooms adjoining in such a manner through an entrance or hall, that the collection may be regarded as housed in one room for exhibition purposes.
4. The University of Illinois must agree to have the paintings examined

and properly treated periodically, in order to keep them in first class condition. This conditioning must be done by the Art Institute of Chicago or by some competent person or firm designated or approved by it.

5. The collection shall be known as the "Emily Nichols Trees (class of 1905) and Merle Jay Trees (class of 1907) Collection."

6. If our proposal is accepted by the Board of Trustees and if for any reason the Board shall not be prepared to accept immediate delivery of an installment of the entire collection, the pictures may be left in our custody at the risk of the Board, which risk must be fully insured at the donee's expense.

We believe the paintings that will be offered are of good quality—many of them having been selected and purchased under the advice and counsel of the director of the Art Institute of Chicago. The University, however, shall have the right to decline acceptance of any picture or pictures submitted from time to time.

Will you please advise, as promptly as convenient, whether the President is prepared to recommend acceptance of this gift to the Board of Trustees of the University of Illinois? If so, and providing the recommendation is approved by the Board of Trustees at its December 3, 1937, meeting, we will supply the Board, prior to December 31, 1937, with a list of the paintings we are prepared to give to the University of Illinois through your organization at the present time.

Very truly yours,

EMILY N. TREES
MERLE J. TREES

Before acting on this offer, the Board desired further information concerning the terms and conditions specified by Mr. and Mrs. Trees; and as they are anxious to settle the matter before the end of the present calendar year, it was referred to the Executive Committee.

The questions raised at the last Board meeting are stated in the accompanying copy of a letter to Mr. Trees of December 6, 1937 (Exhibit A). Copies of Mr. Trees's letters of December 7 and 17, 1937 (Exhibit B), are also submitted.

The University Statutes provide that no object of art shall be accepted until its artistic quality has been passed upon by competent judges appointed by University authorities. Pursuant to that requirement, Dean Rexford Newcomb of the College of Fine and Applied Arts, and Chairman of the standing Committee on Works of Art, was requested to inspect the Trees collection, and a copy of his report is submitted as Exhibit C.

Under the University Statutes the Comptroller is required to keep an inventory record of all movable property. If the Trees collection is accepted by the University and Mr. Trees is asked to keep it in his custody, the Comptroller will need to have a specific record of each painting which becomes the property of the University. He has submitted a memorandum of what such a record should include which is attached as Exhibit D. Copies of all these exhibits are hereby filed with the Secretary of the Board for record.

This matter was discussed. On motion of Dr. Meyer, the offer was accepted and the following resolution was unanimously adopted.

Whereas, The University of Illinois Foundation has transmitted to the Board of Trustees of the University of Illinois a proposal by the Honorable Merle J. Trees and Emily N. Trees to give the University of Illinois a number of oil paintings, upon certain terms and conditions, which the Board of Trustees of the University of Illinois interprets, in substance, as follows:

The University agrees to exhibit the entire collection of paintings in one room, or in rooms which adjoin in such manner as to be reasonably regarded as one room; the collection shall be known as the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection"; title to the paintings shall pass to the Board of Trustees of the University of Illinois immediately upon the approval by the University of each and every painting offered by the donors, and delivery of paintings which are approved and accepted by the

University shall be made by the donors on request; when the donors designate a painting, or a group of paintings, for tender and, if acceptable, for delivery to the University, they will indicate in such designation the fair and reasonable value of each painting included, and such tender will otherwise be made subject to the conditions of the gift as herein interpreted; if, for any reason, the University is not prepared to accept immediate delivery upon acceptance, as above stated, the paintings shall be insured for their full value as the property of the University until delivery is made; and the University agrees to keep the paintings in first-class condition through periodical examination and treatment by competent and skilled persons approved by the Director of The Art Institute of Chicago; and

Whereas, it is understood that this proposal as above interpreted is binding on the donors and their heirs, administrators, and assigns;

Now, therefore, be it resolved, that the Board of Trustees of the University of Illinois accepts the proposal of the Honorable Merle J. Trees and Emily N. Trees above described, upon the terms and conditions herein stated, subject to concurrence of donors.¹

The Executive Committee adjourned.

H. E. CUNNINGHAM

Clerk

O. M. KARRAKER, *Chairman*

OSCAR G. MAYER

KARL A. MEYER

¹The Secretary has received a certified copy of the above resolution, which contains the following endorsement signed by the donors:

We concur in the foregoing resolution of the Executive Committee of the Board of Trustees of the University of Illinois, approved December 18, 1937, interpreting our proposal to give a certain number of oil paintings to the University of Illinois.

Dated this twenty-fourth day of December, 1937.

MERLE J. TREES
EMILY N. TREES

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

January 20, 1938



The January meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Thursday, January 20, 1938.

When the Board convened, the following members were present: President Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and, during part of the day, Judge Sveinbjorn Johnson, University Counsel, and Mr. C. S. Havens, Director of the Physical Plant Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of November 10 and December 3, 1937; also, for record, the minutes of a meeting of the Executive Committee on December 18, 1937.

On motion of Mrs. Plumb, the minutes were approved and received for record as printed on pages 557 to 590, above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

ADMISSION TO SCHOOL OF JOURNALISM

(1) For admission to the School of Journalism as a candidate for a degree an applicant must be able to matriculate in the University and must have had in addition 60 semester hours (the equivalent of two years) of undergraduate college work. There is no grade requirement. The University Senate recommends that the requirement for admission be changed to "60 semester hours of undergraduate work with a C average in an established curriculum of an undergraduate college," this to become effective September 1, 1938.

On motion of Mr. Pogue, this requirement was adopted as recommended.

ADMISSION TO COURSES IN CHEMISTRY

(2) On July 16, 1937 (Minutes, page 305), the Board adopted a recommendation from the Senate Committee on Educational Policy (later confirmed by the University Senate) that with certain exceptions registration in courses in chemistry above the freshman year be restricted to students having a certain scholastic average in all previous University courses. This restriction was applied only to the first semester of 1937-1938 pending further study.

The Department of Chemistry, the College of Liberal Arts and Sciences, and the University Senate have given further consideration to this matter and the Senate now recommends that the requirement be continued for the second semester of 1937-1938.

On motion of Mr. Moschel, this requirement was continued as recommended.

LABORATORY FEES

(3) A recommendation that the following laboratory fees be authorized:

Chemistry 69b.....	\$15.00
Physical Education for Women 73.....	3.50

On motion of Dr. Meyer, these fees were authorized as recommended.

RULES CONCERNING THE REVOCATION OF THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

(4) The Committee on Accountancy recommends that the Board of Trustees adopt certain rules of procedure to supplement existing regulations governing the administration of the law relating to Certified Public Accountants. The following resolution is offered:

WHEREAS, The following rules, concerning the revocation of certificates of certified public accountants issued by the University of Illinois under an Act of the General Assembly of Illinois to regulate the profession of public accountants, approved May 15, 1903, as amended, embody and codify the practice and procedure followed by the University since the enactment of the statute above mentioned in relation to the subject dealt with therein:

Section 1. *Who may file charges; the petition.*

Any person may file a verified petition for the revocation of a certificate against an accountant who has been certified by the University of Illinois under an Act to regulate the profession of Public Accountants approved May 15, 1903, as amended. Such petition shall contain a concise statement of the alleged grounds of revocation.

Section 2. *Grounds of revocation.*

No certificate shall be revoked except for unprofessional conduct or other sufficient cause. "Other sufficient cause," as used herein, shall include, without excluding other grounds, conviction in a State or Federal Court of record of a crime involving moral turpitude, or forfeiture, or suspension, by action of public

authority, of license to practice a profession or to pursue a calling where a relation of trust and confidence exists in respect of property rights and interests between the licensee and the members of the public.

Section 3. Proceedings; how instituted.

A proceeding for the revocation of the certificate of Certified Public Accountant issued by the University of Illinois, may be commenced by filing with the University Committee on Accountancy through its Secretary a verified petition setting forth the allegations of fact upon which the prayer for the revocation of a certificate is based. When such a petition is filed with the University Committee on Accountancy, the Committee, upon finding the petition conforms with these rules, shall forthwith transmit the same to the President of the University for submission to the Board of Trustees of the University of Illinois.

Section 4. Conduct of hearing; respondent's pleading; duties of University Committee on Accountancy.

If the petition is found by the Board of Trustees to be filed in good faith, and upon its face to state sufficient grounds for revocation of a Certificate, the Board of Trustees may authorize and direct the University Committee on Accountancy to fix the time and place at which a hearing on said petition will be held, to notify the respondent thereof in accordance with the statute, to transmit to the respondent with said notice a copy of the petition, to make all orders and decisions incident to the preparation for and conduct of such hearing, to procure the attendance of witnesses, to take testimony under oath and record the same, and to conduct the hearing in an orderly manner, giving the respondent full opportunity to be heard in person by attorney and through witnesses in his own behalf.

The respondent shall plead to said petition, either with respect to the allegations of facts contained therein or the law, or both; such pleading shall be filed in duplicate with the University Committee on Accountancy through its Secretary, within ten days from the date of service of a copy of the petition upon the respondent. A copy of the same shall be mailed by the University Committee on Accountancy to the person that filed the complaint. In the event of the failure of respondent to plead or answer, the hearing shall proceed as herein directed.

Upon the conclusion of such hearings the said Committee shall review the evidence submitted, make its findings of facts, set forth its conclusions and recommendations, and transmit the same, together with the complete transcript of the record, to the President of the University for submission to the Board of Trustees.

The University Counsel may attend the hearing to advise with the Committee.

Section 5. Proceedings before the Board of Trustees.

Upon the filing of the record of the proceedings, together with the findings of the University Committee on Accountancy, the Board of Trustees will decide the issues, enter its order with respect thereto and notify the respondent thereof. Notice of the decision of the Board of Trustees shall also be given the person who filed the petition. Within twenty days thereafter the respondent or petitioner may, upon notice to the adverse party, petition the Board of Trustees for a rehearing.

The Board of Trustees may grant or deny such petition. Such rehearing, if granted, may be limited to specified issues of fact or law, or may be limited to the privilege of filing written briefs or of making oral argument upon the record as made without the privilege of presenting testimony or may be a full rehearing before the Board of Trustees.

NOW, THEREFORE, BE IT RESOLVED that such rules be and the same are approved.

On motion of Dr. Meyer, this resolution was adopted as recommended.

AWARD OF C.P.A. CERTIFICATES

(5) A recommendation from the Committee on Accountancy that the certificate of "Certified Public Accountant" be awarded to the following candidates who are certified by the Board of Examiners as having passed the November, 1937, C.P.A. examination:

JOHN LOUIS BARNETT
LEONARD STANLEY BOLES, JR.
JAMES JOSEPH BROPHY
WILLIAM KAYSER CARSON
W. MICHAEL CIESIELSKI
HANS JAKOB COHNSTAEDT
DONALD ARTHUR COLE
MILDRED MARGARET CRANDELL
PAUL EDWIN DERWENT
JOSEPH WILLIAM DIDRIKSEN
BERNARD FRANCIS DOYLE
HENRY EBERHARDT
EMIL FRANCIS FERNHOLZ
CHARLES JOHN GAA
VERNON J. GISS
RICHARD HERMAN GROSSE
DEXTER WRIGHT HAVEN
THOMAS RAYMOND HILL
JOSEPH CYRIL HURTGEN
THEODORE KAPLAN
NORMAN JAMES KAUTT
WILLIAM JAMES KEEGAN
EUGENE JOHN KINDERMAN
DAVID WOLFF LIEBER
WALTER MAKEPEACE LILLIE
LAWRENCE WALTER MARSHALL
THURLOW ELLSWORTH MCBRIDE

DAVID LITTELL McNARY, JR.
PAUL BROUNLEE MELOY
PETER MENDELSON
NATHAN MILLER
LEONARD UNO NARVA
ROBERT JAMES NIXON
JULIA GERTRUDE NORSE
JOSEPH JOHN RAUSCH
EMERY GAYTHOR RUTHERFORD
ROBERT FREDERICK SCHUTZ
JOHN HERMAN SENNOTT
EVELYN REVA SHULMAN
DANIEL IRVING SILVERSTEIN
ANDREW SIM
EMERY HARLAND SKINNER
BERTIL OLAF SKOOG
SAMUEL NIELS SORESENSEN
EARL LESTER STRAND
FRED HENRY STUDD
GLENN THURSTON THOMPSON
HALE ARTHUR THOMPSON
ROBERT BERNARD VOGLEWEDE
WILLIAM COMER WAGGONER
ALEXANDER VIETI WENSTROM
STEVEN ROBERT WIECZOR
HAROLD JENNINGS WILLIAMS

On motion of Mr. Mayer, these certificates were awarded as recommended.

SERVICES OF UNIVERSITY COUNSEL AS STATE DIRECTOR FOR NATIONAL EMERGENCY COUNCIL

(6) On May 6, 1935, Judge Sveinbjorn Johnson, University Counsel, was authorized to accept the appointment of Director for Illinois of the National Emergency Council, and the President of the University was directed to work out the necessary details of the arrangement. This was reported to the Board on July 6, 1935 (Minutes, page 361).

Judge Johnson had expected to terminate his services as State Director at the end of the calendar year 1937, pursuant to an executive order of the President of the United States discontinuing the National Emergency Council effective December 31, 1937. The Acting Executive Director of the National Emergency Council has requested that Judge Johnson be permitted to continue his services for six months from January 1, 1938, for which period the life of the National Emergency Council has been extended.

On motion of Mr. Pogue, this extension was granted.

SERVICES OF PROFESSOR C. R. GRIFFITH

(7) Dr. C. R. Griffith, Professor of Education and Director of the Bureau of Institutional Research, has been asked by Mr. Phillip K. Wrigley of the Wrigley Company of Chicago to serve as a consultant to his company and affiliated enterprises, first in the creation of a psychological laboratory for research in athletic ability, and later for general personnel work. He requests permission to undertake the following, under the conditions specified, and to accept professional fees for such work:

1. Services as professional consultant in

- (a) Securing a qualified man to carry out a program of research for the Chicago National League Baseball Club,
- (b) Supervising the establishment of research laboratories in Chicago and Los Angeles and
- (c) Giving advice and general supervision to the development of the research program.

2. Leave of absence from his University duties for a continuous period of two weeks beginning with the week of February 20, 1938; and absence from the University for shorter periods on such other occasions as may be necessary when such absence will in no way interfere with his University duties or impair his health and strength for the performance of University work.

3. This arrangement to continue for seven months from February 1, 1938.

4. Satisfactory provision for his teaching work during the periods of his absence to be made by Director Griffith and any special expenses necessary to prompt and effective performance of his University duties while away to be met by him either in money or its equivalent.

I recommend that Director Griffith be authorized to perform this service, and to accept fees, under the conditions stated above, but provided further that the arrangement is definitely terminated not later than September 1, 1938 (instead of October 1, 1938, as he originally proposed), and that no similar arrangements will be proposed during the year 1938-1939.

On motion of Mr. Wieland, this authority was granted as recommended.

At this point, Mr. Adams took his place with the Board.

CHANGE IN STATUS OF DIRECTOR C. S. HAVENS

(8) A recommendation that Director C. S. Havens of the Physical Plant Department be given a part-time position in one of the academic departments of the University with professorial rank, in addition to his work as Director, without increase in salary. His extensive experience in and knowledge of institutional management and physical plant operations are such that they should be made available to advanced students interested in acquiring knowledge and training along those lines. Conversely contacts with students, and association with his colleagues through departmental meetings and conferences concerning educational and research problems will be of benefit to him.

On motion of Dr. Meyer, this arrangement was authorized.

LEAVE OF ABSENCE FOR DEAN H. W. MUMFORD

(9) A recommendation that Dean H. W. Mumford of the College of Agriculture be given a year's leave of absence, with full pay, beginning either September 1, 1938, or September 1, 1939, whichever arrangement will best serve the interests of the University. Dean Mumford will be due to retire under the University Statutes on September 1, 1939. If he takes the leave during the year following retirement, I recommend that it be with full service pay.

This recommendation is submitted in recognition of an outstanding and conspicuous service. Dean Mumford came to the University as Professor of Animal Husbandry in the Agricultural Experiment Station in 1901. In 1939 he will have completed 38 years of distinguished service as a teacher and scientist, including 17 years as the administrative officer in charge of three important divisions of the University—Dean of the College of Agriculture, Director of the Agricultural Experiment Station, and Director of the Agricultural Extension Service. In several agricultural colleges such administrative responsibilities are divided among three individuals.

Such service, in length of time, in distinction in scientific work and teaching, and in administrative work of the highest order, has seldom been equaled, and rarely exceeded, in the history of the University. During this period of his service Dean Mumford has never taken a sabbatical leave of absence; he was

once granted such leave on one-half pay but circumstances made it impossible for him to take it. During the University year 1907-1908 he was authorized and directed to visit other beef producing regions, especially the Argentine Republic in South America, to study conditions under which those countries are producing or are likely to be able to produce meats to compete with American beef, but this was a part of his work during that year; from March 1, 1920, to March 1, 1922, he was on leave without pay while acting as Director of the Department of Livestock Marketing for the Illinois Agricultural Association; during 1928 he was given a leave of absence from July 1 to October 1 to serve on a commission of American authorities to study the meat and dairy industries in Germany.

Dean Mumford's services have not been limited to the University nor in fact to the State of Illinois. He has been a member and is still a member of various State and Federal commissions and boards on which he has rendered service as distinguished as that in his University work.

On motion of Mr. Mayer this recommendation was approved.

LEAVES OF ABSENCE

(10) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Dr. Robbie N. Brunner, Associate in Anaesthesia in the College of Medicine, leave of absence on account of illness, with pay, from November 6, 1937, to February 1, 1938. Provision has been made to take care of her work without additional expense.

2. Assistant Professor Frank G. Dickinson, Department of Economics, leave of absence on account of illness, with pay, for the second semester of 1937-1938, or from February 1 to August 31, 1938, on condition that if the Department needs to employ additional assistance to take care of his work, such expense will be deducted from his salary.

3. Dr. Virginia Bartow, Associate in Chemistry, leave of absence with pay from May 1, 1938, to the end of the second semester so that she may attend the International Chemical Congress in Rome. Provision will be made for her classes without additional expense to the University.

4. Harlow W. Ades, Assistant in the Department of Zoology and Psychology, leave of absence with pay from December 17, 1937, to January 20, 1938, to do research work in the Anatomical Laboratory at the University of Georgia.

5. Eric Winters, Associate in Soil Physics and Soil Survey in the Department of Agronomy, five months from February 1, 1938, without pay to do similar work at the University of Wisconsin in exchange for the services of Dr. Robert J. Muckenhiem of that institution who will do Mr. Winters' work at the University of Illinois.

6. Dean W. B. Day of the College of Pharmacy, leave of absence from December 9 to 23, 1937, and for three months beginning January 1, 1938, with full pay, on account of illness. Provision has been made for his work during his absence without additional expense to the University.

On motion of Mr. Moschel, these leaves were granted under the conditions stated.

STATUS OF RETIRED MEMBERS OF UNIVERSITY STAFF

(11) Since questions are raised from time to time concerning activities of retired members of the staff, particularly when they engage in remunerative employment, it is desirable to have a definite policy to govern such cases. The following declaration of policy is offered for consideration by the Board:

The Board deems it sound University policy that members of its teaching, research, extension, or administrative staffs, who have retired in conformity with the plan now in operation at the University, should not enter into contracts binding themselves to full time service in or with another institution or company, and on a full-time salary basis, unless, during such proposed service, they are willing to waive the compensation to which the retirement plan would entitle

them in the absence of such employment. Any retired member of the teaching, research, extension, or administrative staff contemplating such employment should apply to the President of the University for leave of absence without pay during such time as the employment is to continue. On the termination of such employment, the retired staff member shall be entitled to receive the retirement compensation in the usual course.

On motion of Mr. Moschel, this declaration of policy was adopted.

RETIREMENT OF PROFESSOR G. F. SCHWARTZ

(12) A request from Professor G. F. Schwartz of the School of Music that he be retired from active service under the University Statutes effective September 1, 1938, on account of his health. He is 66 years old and will have been in the service of the University 36 years at that time. While a member of the staff automatically retires at the age of 68 unless he is continued in active service from year to year, the Statutes provide that in exceptional cases and for substantial cause, retirement may be permitted at any time after a member reaches the age of 65.

I recommend approval of Professor Schwartz's application. The retiring allowance payable in this case will be \$1,842 per year.

On motion of Mr. Wieland, this retirement was authorized as recommended.

RETIREMENT OF S. W. KILTON

(13) A recommendation from the Dean of the College of Agriculture that S. W. Kilton, Foreman of the University Poultry Plant in the Department of Animal Husbandry, be retired effective September 1, 1938, with a retiring allowance of \$820.

Mr. Kilton will be 67 years of age and will have been in the service of the University approximately 15½ years at that time. The University Statutes provide that in exceptional cases and for substantial cause retirement may be permitted any time after a member reaches the age of 65. Mr. Kilton has requested retirement because of failing eyesight and strength.

On motion of Mr. Mayer, this retirement was authorized as recommended.

DEATH BENEFIT—PROFESSOR JACOB ZEITLIN

(14) A report of the death on December 8, 1937, of Dr. Jacob Zeitlin, Professor of English, who has served on the faculty since September 1, 1907. The Comptroller has paid his designated beneficiary the sum of \$2,625, which was the death benefit payable under the University Statutes and the conditions of Professor Zeitlin's contract.

This report was received for record.

ADJUSTMENTS IN THE BUDGET OF THE ATHLETIC ASSOCIATION

(15) The Board of Directors of the Athletic Association has made the following assignments from its reserve fund:

Salary adjustments		
W. J. Treece.....	\$100 00	
G. C. Law.....	<u>100 00</u>	\$ 200 00
Ice hockey team.....		800 00
To University of Illinois for police service at Stadium and George Huff Gymnasium.....		1 000 00
Construction and maintenance of tennis courts in Armory (for use of tennis team during winter months).....		95 90
For support of the following sports: gymnastics, fencing, tennis, golf, swimming, cross country...		2 250 00
For printing and mailing bimonthly bulletin to alumni letter men.....		200 00

On motion of Mr. Wieland, these adjustments were approved.

LAPSING OF BALANCES IN THE GENERAL RESERVE FUND

(16) A report that balances in the salaries budgets of the various departments of the University due to positions not filled during the first semester, 1937-1938, or to appointments made at salaries less than the budgetary provisions, totalling \$59,173.69, are being lapsed for the first half of the academic year 1937-1938, and will go into the General Reserve Fund. Lists of the items making up this total are being given to the Secretary of the Board and the Comptroller for record.

This report was received for record.

APPROPRIATION FOR PRACTICE TEACHING

(17) An emergency has arisen in the practice teaching program of the College of Education which is open to qualified students in the College of Liberal Arts and Sciences and other divisions who wish to prepare themselves for teaching positions in the high schools of the State. The University is unable to provide for practice teaching for all who desire it in the University High School and for a number of years it has been necessary to secure the cooperation of the public schools of Champaign and Urbana. Up to the present time these facilities have been available without expense but now the practice teaching load has become so heavy that the cooperating teachers in the Champaign and Urbana public school systems cannot be expected to supervise the practice teaching work of University students without some compensation.

To meet the immediate emergency for the second semester of 1937-1938 it is recommended that an appropriation of \$2,500 be made from the General Reserve Fund for the following:

Remuneration of cooperating teachers on the temporary basis of \$10 per practice teacher per semester (165 practice teachers estimated) making a total of.....	\$1 650
Emergency provision of part-time teaching in the University High School to release time of department heads for supervision of practice teaching.....	850
<i>Total</i>	<u>\$2 500</u>

The proposed rate of remuneration for the second semester of the current year (\$10 per practice teacher) is based on the assumption that the cooperating teachers in the Champaign and Urbana school systems can be persuaded to accept the additional practice teachers for whom provisions are needed on the basis of this evidence of the University's good will if accompanied by a statement that in the fall of 1938 the University will inaugurate a policy of paying cooperating teachers at the rate of \$25 per practice teacher. The latter figure represents a minimum in terms of the practices of other institutions in the mid-west, including the Illinois Teachers Colleges.

For 1938-1939 it is estimated that the cost of this program would be \$9,000. There is a possibility that it might go as low as \$8,500 but an equal possibility that it might rise as high as \$9,500. The provision of \$9,000 would probably be adequate to provide both for the compensation of cooperating teachers and the provision of the needed supervision.

A partial way of meeting this situation would be to charge a practice teaching fee of not to exceed \$5.00 per semester course per student. This is undesirable as a matter of public policy on the ground that the preparation for the teaching profession, in which low salaries are the general rule, should be made available to students at the lowest possible cost. Another consideration is that the five State Teachers Colleges of Illinois, whose fees in general are considerably lower than those of the University of Illinois, do not include either laboratory or special fees for practice teaching.

On motion of Mrs. Plumb, this plan was approved and the appropriation was made by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR AGRICULTURAL LIBRARY EQUIPMENT

(18) A recommendation that an assignment of \$3,000, or so much thereof as may be necessary, be made from the General Reserve Fund for re-equipping the Agricultural Library Reading Room.

With the increase in enrollment in the College of Agriculture, this library has become overcrowded. The equipment has been in use for many years and is in poor condition, although some of it can be used in various other places. With new equipment it will be possible to increase the seating capacity of this library by 25 per cent.

On motion of Mr. Adams, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR INDUSTRIAL EDUCATION

(19) Last year an appropriation of \$3,000 was made for the purchase of equipment for the work in Industrial Education. There was not sufficient money in this appropriation to provide for the installation of all of this equipment, specifically, the extension of power lines to two machines and the installation of exhaust pipes to take dust and shavings out of the room. Consequently, I recommend that an assignment of \$650 be made from the General Reserve Fund for the installation of this equipment.

On motion of Mr. Pogue, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

**APPROPRIATION TO PHYSICAL PLANT DEPARTMENT
FOR MINOR IMPROVEMENTS**

(20) A recommendation that an assignment of \$3,000 be made from the General Reserve Fund to the Physical Plant Department to supplement the appropriation for Minor Improvements made in the budget for the current fiscal year. This appropriation was for specific projects and left a very small balance for other matters not anticipated at the time the budget was prepared.

The supplementary appropriation now recommended will be for the following specific projects:

1. Increase size of lecture room and stock room in Machine Tool Laboratory made necessary by increased enrollment in shop courses.....	\$1 112
2. Walk on Wright Street from Springfield Avenue to Radio Station.....	400
3. Erection of partition in the Armory to sub-divide large room for taking care of additional classes in Military.....	210
4. Coat racks for President's House to provide cloak room facilities for large groups.....	140
5. Increase in electrical service for Wood Shop to provide for operation of welding equipment.....	685
6. Margin for contingencies.....	453
<i>Total</i>	\$3 000

All of these requests have been carefully reviewed by the Faculty Committee on Special Appropriations and Non-Recurring Expenditures, and this Committee has recommended that provision be made for the above items.

On motion of Mr. Adams, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION TO PHYSICAL PLANT DEPARTMENT FOR POLICE SERVICE

(21) At the meeting of the Board on December 3, 1937, an appropriation of \$3,500 was made to the Physical Plant Department for police service. This was \$1,500 less than the Director estimated would be needed, but \$500 of the difference will be charged to residence hall operations, for police service in the vicinity of the residence halls, and \$1,000 has been contributed by the Athletic Association for police service supplied by the Physical Plant Department at the Stadium and the George Huff Gymnasium at football and basketball games. This has been deposited with the Comptroller of the University.

I recommend that this amount of \$1,000 be appropriated to the Physical Plant Department for additional police service.

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR RECREATIONAL FACILITIES IN CHICAGO DEPARTMENTS

(22) A recommendation that an assignment of \$1,513.75 be made from the General Reserve Fund to the School of Physical Education and to the Physical Plant Department for the following provisions for the recreational program in the Colleges of Medicine, Dentistry, and Pharmacy:

School of Physical Education

For rental of swimming facilities at Joseph S. Duncan Y.M.C.A. from November, 1937, through May, 1938.....	\$293 75
For rental of gymnasium facilities at the Professional Schools Y.M.C.A. from January through May, 1938.....	75 00
<i>Total</i>	\$ 368 75

Physical Plant Department

Construction work on property leased from University of Chicago to provide soft ball, volley ball, and horseshoe courts facilities	\$595 00
Construction work in basement of Medical Building for installation of shower room and remodeling for equipment room....	550 00
<i>Total</i>	\$1 145 00
<i>Grand Total</i>	\$1 513 75

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR REGISTRAR'S OFFICE

(23) A recommendation that an assignment of \$1,000 be made from the General Reserve Fund to the Registrar's Office to supplement the budget for office expense and wages for the current academic and fiscal years. This supplementary appropriation is due to the increased expense of that office resulting from the increase in enrollment.

On motion of Mr. Moschel, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR UNIVERSITY PATENTS

(24) A recommendation that an assignment of \$1,000 be made from the General Reserve Fund to the Faculty Committee on Patents for expenses incidental to applying for patents on University discoveries.

On motion of Mr. Wieland, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

APPROPRIATION FOR SCHOOL OF JOURNALISM

(25) A recommendation that an assignment of \$200 be made from the General Reserve Fund to the School of Journalism for short courses for editors and publishers of Illinois newspapers.

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

INCREASE IN COAL PRICES

(26) At the meeting of the Board on September 27, 1937 (Minutes, page 494), a contract was awarded to the Shippers Fuel Corporation of Chicago for 20,000 tons of screenings to be shipped by rail from the Danville territory at a price of \$1.20 f.o.b. mine, or \$1.80 a ton delivered. Contracts were also awarded for coal to be delivered by truck to Ralph Cook, Sidney, Illinois, for 2,000 tons at \$1.78 a ton delivered, and to Washington Martin, Champaign, for 1,500 tons at \$1.75 a ton delivered.

The Shippers Fuel Corporation has advised the University that as the result of the establishment of a minimum price by the National Bituminous Coal Commission (the contracts awarded were subject to the provisions of the Bituminous Coal Act of 1937) the Corporation is obliged to change the price to \$1.60 a ton f.o.b. mine or \$2.23 a ton delivered.¹ It will be necessary during the remainder of the fiscal year to purchase from 10,000 to 12,000 tons of coal and to have a reliable source of supply. Consequently the Director of the Physical Plant Department and the Purchasing Agent recommend, and the Comptroller concurs, that the contract with the Shippers Fuel Corporation be continued at a price of \$2.23 a ton delivered.

Ralph Cook has advised the University that because of the minimum price established by the Commission for raw screenings delivered by truck it will be necessary for him to increase the delivered price to \$2.40 a ton. It is possible for the University to purchase all the coal required at lower prices than this, both for rail and truck delivery. Consequently the Director of the Physical Plant Department and the Purchasing Agent recommend, and the Comptroller concurs, that the contract with Ralph Cook be terminated and the bond cancelled.

The contract with Washington Martin was cancelled by the Board on December 3 because of his inability to present a satisfactory bond.

It is estimated that the action of the Bituminous Coal Commission will result in an increased cost to the University of \$4,000 for coal during the remainder of the present fiscal year and \$12,000 for the year 1938-1939. I recommend that a supplementary appropriation of \$4,000 be made from the General Reserve Fund to the Physical Plant Department for coal during the balance of the present fiscal year.

On motion of Mrs. Plumb, the cancellation of the contract with Mr. Cook was authorized and the appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs.

¹In the meantime, the freight rate has increased from sixty cents to sixty-three cents per ton.

Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Dr. Meyer.

On motion of Mr. Mayer, the President of the University was authorized to proceed along proper lines and in cooperation with other agencies of the State to protest against the increased cost of fuel.

CONFERENCE ON PROBLEMS OF HIGHER EDUCATION

(27) The University of Illinois has always been active in the study of its educational aims and methods and of its other services to the State of Illinois. During the past four years these processes of self-appraisal have been intensified by the Bureau of Institutional Research and its Advisory Committee. Continuous appraisals are being made of relations between the budget and teaching, of courses and curricula, of the educational needs of students and of many other problems concerning the University about which facts are needed. Data bearing on our own internal local problems have been supplemented in recent months by personal surveys of the problems of higher education in general. These personal surveys were nation-wide in scope.

It has been my policy to incorporate the findings of our self-analysis in all of my recommendations to the Board. During the past year special attention has been given to long-range and general educational problems. There appear to be definite trends in the following directions:

a. Increased demands on public funds for new types of social aid and service require a new appraisal of the social significance of higher education and of the funds necessary to maintain and operate publicly supported institutions. The privately supported institutions face similar problems involving endowment funds, and other gifts.

b. A growing gap between public opinion and knowledge of the objectives and processes of higher education is a source of confusion for it breeds doubt concerning the intentions and purposes of colleges and universities in their development of new programs.

c. Rapid changes in society and industry have altered the conditions of employability of graduates and raised vexing questions of educational policy and of administrative organization. Not the least of these is the increase in enrollments in nearly all colleges and universities.

d. The time appears to have come when colleges and universities must exert a more definite leadership in the social, cultural, agrarian, industrial, and commercial life of the areas they serve.

These trends involve in one way or another the problems of public relations, of junior colleges, of special freshman-sophomore programs, of the aims or purposes of the Liberal Arts Colleges, of integration between secondary schools and the University, of revised methods of instruction at the University level, and of the most economical and effective expenditure of public funds.

At a meeting of the University Council on July 13, 1937, some of these matters were discussed. The discussions led to the request that the President of the University appoint a Committee of the Council to consider the matter in further detail and to make recommendations to the President. The first definite recommendation from the Committee proposed that the University undertake to sponsor and to finance a major conference on the problems of higher education with particular reference to Illinois and to invite the cooperation of all the colleges and universities of the State and of a representative number of civic, professional, and industrial leaders from the State of Illinois.

I concurred in this recommendation, but before bringing the recommendation to the Board, it seemed advisable to get an expression of opinion (a) from responsible University officers and members of the faculty and (b) from the chief executives of other colleges and universities. On Monday, January 10, 1938, the University Council, the Senate Committee on Educational Policy, the Advisory Committee to the Bureau of Institutional Research, and the chairmen of several other faculty committees vigorously supported the proposal. The list of those present is shown in Exhibit A. On Friday, January 14, these same groups joined with me in welcoming to the campus thirty-two of the thirty-eight executive officers of colleges and universities in the State. These men

had come at my invitation. Of the thirty-eight colleges and universities, there were thirty-eight acceptances. Six institutions were not represented because of illness. The list of colleges and their executives is shown in Exhibit B.

A friendly and thorough discussion of the agenda prepared for this meeting (Exhibits C and D) led to the proposal that the colleges and universities of the State of Illinois, under the leadership of the University of Illinois, sponsor a major conference on the problems of higher education during the Spring, Summer, and Fall of 1938. A suggested outline of such a conference is shown in Exhibit E. The proposal was unanimously adopted by the visiting executives. The University of Illinois was requested to take all the necessary steps in developing a suitable program.

As the next step in this project, I submit the following items for action by the Board:

1. The President is hereby authorized to arrange for, and hold, a major conference at the University of Illinois during the Spring, Summer, and Fall of 1938 on the problems of higher education in cooperation with the colleges and universities of the State of Illinois.

2. The University is hereby authorized to make its resources and especially the resources of the Bureau of Institutional Research available to the members of the conference in the analysis of the educational problems to be studied by the conference.

3. The Board of Trustees hereby authorizes the following budget and an appropriation of \$3,500 for the Spring Session of the conference:

Proposed Budget for 1937-1938

Maintenance and Travel of Working Members of Conference (reimbursement of actual expenditures)...	\$2 500
Visiting speakers.....	400
Office and committee expenses.....	600
<i>Total budget for 1937-1938.....</i>	<i>\$3 500</i>

Proposed Budget for 1938-1939 to Complete the Conference in the Summer and Fall of 1938

Maintenance and Travel of Working Members of Conference (reimbursement of actual expenditures)...	\$4 000
Visiting speakers.....	800
Office and committee expenses.....	700
Publication of Report.....	1 000
<i>Total budget for 1938-1939.....</i>	<i>\$6 500</i>

Grand Total..... \$10 000

4. The President is hereby authorized to approach one of the Educational Foundations for additional funds to be applied to the Summer and Fall Sessions and, if granted, to accept such funds, in behalf of a Conference which will prosecute its studies along the lines suggested in Exhibit E.

On motion of Mr. Moschel, this plan was approved and the appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner.

BOND OF H. S. CAPRON, FORMER TREASURER

(28) When the First National Bank of Champaign closed on January 16, 1932, there was on deposit in it to the credit of H. S. Capron, Treasurer of the University of Illinois at that time, the sum of \$887,536.77. Mr. Capron and others who were his sureties were under personal bond to the Board of Trustees for all money deposited with him as Treasurer. In addition, the Board of Trustees had on deposit with it as collateral certain U. S. bonds having a par value of \$810,800. After the closing of the bank these securities were sold by the Board and the sum of \$794,965.59 realized therefrom, reducing the amount due from Mr. Capron to \$92,571.18.

When the bank was reorganized, sixty per cent of the deposits were made available immediately and forty per cent were covered by participation certificates in unrealized assets turned over to a Trustee for the benefit of the depositors. The amount thus paid to the University by Mr. Capron was \$55,542.71, reducing the balance due from him to \$37,028.47. Since then dividends amounting to sixty per cent of the deposits covered by participation certificates have been paid to depositors, reducing Mr. Capron's liability to \$14,811.38.

From time to time the Board of Trustees has granted Mr. Capron extensions of time in the settlement of his account. The last extension was authorized June 26, 1935, and expired on June 11, 1937. Mr. Capron is requesting that a further extension be granted to June 11, 1939, under the same terms and conditions as heretofore, namely, that the provisions of the bond continue in full force and effect with respect to both himself and his sureties.

If this request is approved, formal agreement on the part of Mr. Capron and other parties to the bond will be secured as in the past.

On motion of Mr. Wieland, this extension of time was granted under the conditions stipulated.

At this point, Dr. Meyer withdrew.

BUILDING STUDIES

(29) In view of the Governor's veto of the appropriations for new buildings, the Director of the Physical Plant Department raises the question whether the Board wishes his Department to continue work on the plans for those buildings. On November 10 the Board appropriated \$6,000 for building studies of the Chemistry and Agricultural Laboratories Buildings, of which a total of \$313.48 has been expended.

On motion of Mr. Adams, this appropriation was allowed to stand, and the President of the University was authorized to modify the assignments as may be necessary.

FURNITURE AND FURNISHINGS FOR THE SECOND UNIT OF THE MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(30) At the meeting of the Board on July 16, 1937, schedules of bids for furniture and furnishings for the second unit of the Medical and Dental College Laboratories Building were submitted and contracts were awarded by the Board to the lowest bidders. The schedule of bids received by the Physical Plant Department included bids from Mandel Brothers, Incorporated (Bid No. 12, \$1,461.65 and alternate bid No. 12A, \$325.74) for Venetian blinds. Because of the impossibility of getting a satisfactory guided blind and because the bidder could not conform with the requirements of alternate bid No. 12A, this bid was withdrawn and the Director of the Physical Plant Department recommended its rejection. In view of this the bid was not submitted to the Board. Subsequently the University decided to abandon the use of Venetian blinds, substituting ordinary window shades in their place.

The Federal Emergency Administration of Public Works requires formal action by the Board rejecting this bid before it can close out the project and clear the final grant requisition for payment. Accordingly I recommend adoption of the following resolution:

WHEREAS, on July 16, 1937, the Board of Trustees considered bids for furniture and furnishings for the second unit of the Medical and Dental College Laboratories Building (Illinois 1057-R), in which schedule was the lowest bid No. 12 of Mandel Brothers, Incorporated, on Venetian blinds in the amount of \$1,461.65 and alternate bid No. 12A in the amount of \$325.74; and

WHEREAS, this bidder withdrew the bid because it was impossible to secure a satisfactory guided blind under the specifications, and because the bidder could not conform to the requirements of alternate bid No. 12A;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees that the said bid of Mandel Brothers, Incorporated, for Venetian blinds be, and is hereby, rejected.

On motion of Mrs. Plumb, this resolution was adopted.

RESIDENCE HALL RATES

(31) A report that the following increase in the rates of the Women's Residence Halls has been authorized for the summer session of 1938 and beginning with the academic year 1938-1939:

	1937	1938
1. Summer Session		
a. Double Rooms	\$ 67 00	\$ 70 00
b. Single Rooms.....	77 00	80 00
	82 00	88 00
2. Academic Year	1937-1938	1938-1939
a. Double Rooms	326 00	350 00
b. Single Rooms.....	356 00	400 00

On motion of Mrs. Plumb, these rates were approved.

At this point, Mr. Cleary took his place with the Board.

INSURANCE ON PHARMACY BUILDING

(32) A recommendation from the Director of the Physical Plant Department that the insurance policies carried on the College of Pharmacy Building at 701-11 and 721-25 South Wood Street be cancelled immediately.

These policies are on the basis of a present evaluation of \$116,000 and will expire as follows:

<i>Location</i>	<i>Amount</i>	<i>Expiration Date</i>
701-711 South Wood.....	\$ 90 000 00	December, 1941
701-711 South Wood.....	10 000 00	June 1, 1938
721-725 South Wood.....	9 000 00	October, 1941
721-725 South Wood.....	7 000 00	November, 1941
	<u>\$116 000 00</u>	

On motion of Mr. Adams, these insurance policies were ordered cancelled.

SECRETARYSHIP OF ILLINOIS PRESS ASSOCIATION

(33) As the President of the Board informally reported at the meeting on November 10, the Illinois Press Association has requested that the University of Illinois designate a member of its faculty to serve as Secretary of the Association, his salary to be paid by the University. The Board requested him to secure further information concerning the proposed official relationship.

The questions of University and public policy which this request involves may be summarized as follows:

1. The Illinois Press Association, which includes in its membership many of the newspapers of the State, has asked the University to authorize one of the members of its faculty to accept the office of Secretary of the Association and to devote a certain amount of his time to that work. The Press Association states that this would not involve any change in the present personnel of the School of Journalism nor would it involve any expense to the University as the Association would assume such office expenses as stationery, postage, and stenographic and clerical service. The Association would expect the member of the faculty designated or elected as Secretary to devote his own time to the work of that office.

2. If the University makes such an arrangement for the Illinois Press Association, that is, designates a staff member as Secretary and pays his salary, will it be prepared to do the same for organizations representing other professional, industrial, and commercial interests?

3. It has been suggested that, since the University carries on extension work for the benefit of Agriculture, why should it not do the same for Journalism. The Federal government has made specific financial provisions for extension work in Agriculture, and State funds are not required for such activities. Moreover, the extension work of the College of Agriculture is carried on for the benefit of all citizens interested in Agriculture, and is not limited to mem-

bers of agricultural organizations. If the University were to furnish the Illinois Press Association with a Secretary, his services would presumably be limited to the members of that organization.

4. Aside from any financial considerations that may be involved, we should consider the public policy and implications which might result from an official relationship between the University and a group of the newspapers of the State. We have a Public Information Office, one of whose functions it is to disseminate, through the whole press of the State and in other ways, information about the University which is of interest to the people of Illinois. If a member of the University staff is designated as Secretary of any organization of newspapers, and his salary paid from University funds, it is conceivable that the question might be raised, without the slightest foundation in fact, that we were using that connection for purposes of propaganda.

In view of these considerations of policy, action on this request should be taken by the Board.

On motion of Mr. Pogue, this request was not allowed, as being contrary to the policy of the Board. This action was taken without prejudice.

RESOLUTION FOR FACSIMILE SIGNATURES

(34) A recommendation of the Comptroller that the following resolution be adopted:

Resolved: That The First National Bank of Chicago as a designated depository of Frank M. Gordon, Treasurer of this corporation be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of any two of the following: O. M. Karraker, President, H. E. Cunningham, Secretary, and The First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with The First National Bank of Chicago by the Secretary or other officer of this corporation.

The Comptroller explained the use of this machine and exhibited specimen signatures for use on warrants drawn on the Treasurer and on vouchers drawn on the Auditor of Public Accounts.

On motion of Mr. Cleary, this resolution was adopted; and the use of this signature machine was authorized on warrants drawn on the University Treasurer and on vouchers drawn on the Auditor of Public Accounts.

SALES AND PURCHASES OF ENDOWMENT INVESTMENTS

At this point, Mr. Mayer presented the following report from the Finance Committee of sales and purchases of securities representing investments of endowment funds:

			<i>Call</i>	<i>Price</i>	<i>Yield</i>
\$5,000	Bethlehem Steel Co. Purchase money				
	6%.....	1998	N.C.	130	4.54
\$5,000	Chicago Dist. Elec. Generating Co.				
	1st 4½%.....	1970	104	105½	4.20

On motion of Mr. Mayer, the purchase of these securities was authorized.

Mr. Mayer presented also the following statement of sales and purchases of endowment investments not previously reported.

<i>Par</i>	<i>Description</i>	<i>Price at which sold</i>	<i>Book Value at time of sale</i>	<i>Amount realized from sale</i>	<i>Net Profit</i>
KINLEY ENDOWMENT SALES					
\$2,000	Cincinnati Union Terminal Co. 5% bonds, due 5-1-57	107½	\$2 147 31	\$2 150 00	2 69
			<i>Price at which purchased</i>	<i>Yield</i>	<i>Book Value</i>
GROUP INVESTMENTS PURCHASES					
\$5,000	Wilson and Co. 4's of 1955.....	94¾	4 43		\$4 737 50
KINLEY ENDOWMENT PURCHASES					
\$2,000	Chicago, Burlington and Quincy R.R. 1st and refunding "A" 5's, due Feb- ruary 1, 1971.....	108½	4 50		\$2 170 00

This report was received for record.

CONTRACT FOR ELECTRIC POWER

Mr. Adams, for the Committee on Buildings and Grounds, presented a recommendation that the University Counsel be instructed to appear before and to petition the Illinois State Commerce Commission for an extension of the contract with the Illinois Iowa Power Company for standby electric service to July 1, 1939.

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

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed consideration of matters presented by the President of the University.

AGREEMENT WITH GENERAL FOODS CORPORATION FOR STUDY OF WHITE CORN HYBRIDS FOR MANUFACTURE OF HOMINY OR FLAKING GRITS

(35) The Dean of the College of Agriculture recommends approval of an agreement with the General Foods Corporation for a study looking forward to the development of high yielding white corn hybrids or strains suitable for manufacture of hominy or flaking grits.

This agreement is drawn for a period of one year beginning February 1, 1938, but the company would like the privilege of extending it from year to year at its expiration. The General Foods Corporation agrees to provide \$900, which will be used to employ a graduate assistant to supervise the work. The agreement conforms in all respects to the University Statutes and policies relating to such investigations, and I recommend approval.

On motion of Mr. Cleary, the execution of this agreement was authorized as recommended.

AGREEMENT FOR DISTRIBUTION OF VEGETABLE SEED VARIETIES

(36) A report of the execution of an agreement with the Vaughan Seed Store, Inc., of Chicago, to facilitate the introduction and distribution of a new variety of lima bean to be known as the Baby Potato lima bean, developed by the Agricultural Experiment Station. This agreement is similar to one previously authorized by the Board with the same company for the introduction of new

varieties of tomatoes. It is necessary to secure the cooperation of seedsmen in order to introduce a new variety of seeds to the general public.

On motion of Mr. Cleary, the execution of this agreement was approved.

INVESTIGATION OF EFFECT OF BRAN ON HUMAN BODY

(37) The Kellogg Company of Battle Creek has offered the University a grant of \$750 a month for a period of one year beginning January 1, 1938, for research work on the effect of bran on the human body and the effect of the human alimentary tract on bran, the investigation to be carried on by the College of Medicine.

I recommend acceptance of this offer and the execution of an agreement which will conform in all respects to the University Statutes and policies relating to such investigations.

On motion of Mr. Cleary, this gift was accepted and the execution of a proper agreement was authorized.

PURCHASES RECOMMENDED

(38) A recommendation that the following purchases be authorized:

1. One International truck, with cab-over-engine chassis, garbage carrier body and hydraulic hoist, from the Power Farm Implement Company of Champaign at a net price of \$1,800 (includes a trade-in allowance of \$313.48 on an old truck). This recommendation is based on an analysis of bids received on five makes of trucks, including both the cab-over-engine and standard chassis, and is the same recommendation which was presented to the Board at the meeting on November 10, 1937, action on which was deferred pending further information. Copies of the detailed recommendation of the Physical Plant Department and of the analysis of the bids received are submitted herewith.

2. Motor Generator Sets

- 1—2 Unit Motor Generator Set—5 KW Generator, 7½ H.P. Motor

- 1—2 Unit Motor Generator Set—7.5 KW Generator, 15 H.P. Motor for the Department of Electrical Engineering, from the General Electric Company, the lowest bidder, at a price of \$1,000.

3. 177 cases Pyrex Laboratory Glassware for the General Chemical Store-room from Rascher and Betzold at a price of approximately \$3,400. This is non-competitive material manufactured only by the Corning Glass Works and is sold through jobbers at prices fixed by the manufacturer.

On motion of Mr. Cleary, these purchases were authorized as recommended.

PURCHASES AUTHORIZED

(39) A report of the following purchases authorized by the President of the University in accordance with the University Statutes:

1. Lighting fixtures for University Auditorium from the Danville Electric Supply Company, the lowest bidder, at its lot bid of \$1,649 f.o.b. Urbana.

2. One carload of Chemically Pure and Commercial Acids from the Mallinckrodt Chemical Company, the lowest bidder, at a price of \$1,736.73 (plus a charge of \$1,432.50 for containers, a standard charge, but which are returnable for full credit), f.o.b. Chemistry Building.

On motion of Mr. Wieland, the action of the President of the University in authorizing these purchases was approved and confirmed.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(40) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER
NOVEMBER 26, 1937, TO JANUARY 14, 1938

Minor contracts executed under general regulations of Board of Trustees.

<i>With whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Illinois Bell Telephone Company	Installation of Private Branch Exchange in Chicago departments	Scheduled rates	October 25, 1937
Hatfield Electric Company	Contract for electrical work in repairing Auditorium	5 956 00	November 27, 1937
Watson Engineering Company	Contract for acoustical work in repairing Auditorium	3 880 00	December 15, 1937
Vaughan Seed Store, Incorporated	Agreement covering introduction of "Baby Potato" Lima Beans	None	January 1, 1938
<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
United States Department of Agriculture Farm Security Administration	Agreement for telephone service in 219 New Agriculture Building	50¢ per month	November 15, 1937

Leases executed under general regulations of Board of Trustees.

<i>From whom</i>	<i>For</i>	<i>Tenure</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Cunningham Childrens Home	Four rooms in Sheldon Hall	15 months from December 15, 1937	\$100 00 per month	December 9, 1937

PURCHASE ORDER ISSUED DURING THE PERIOD NOVEMBER 26, 1937,
TO JANUARY 14, 1938, AMOUNTING TO \$1,000 OR MORE AND NOT
PREVIOUSLY REPORTED TO THE BOARD OF TRUSTEES

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation made in Budget for</i>	<i>Procedure</i>
George Banta Publishing Company	Printing and binding "Index to Cicero's Letters"	\$2 837 69	University Press	Graduate School, Cicero Index	Competitive

On motion of Mrs. Plumb, this report was received for record.

QUARTERLY REPORT OF COMPTROLLER

(41) The quarterly report of the Comptroller to the Board of Trustees for the quarter ending December 31, 1937.

This report was referred to the Finance Committee for consideration and report.

ACQUISITION OF PROPERTY IN CHICAGO

(42) At the meeting of the Board on December 3, Mr. Robert Kingery of the Chicago Planning Commission suggested that the Board of Trustees consider a program of acquiring private properties in the Medical area of Chicago with a view to ultimately making these areas available for park or other public uses. I submit a report from the Director of the Physical Plant Department concerning this proposed program.

This report was received for record.

LA VERNE NOYES FOUNDATION

(43) On November 10, 1937 (Minutes, page 566), the Board accepted an offer from the trustees of the estate of La Verne Noyes of cash and securities under the conditions specified in an agreement which the President and Secretary of the Board were authorized to execute.

The Secretary of the Board reports that he has received from the trustees of the estate of La Verne Noyes the following:

1. Cash in the amount of \$10,675, representing a partial distribution of the estate of La Verne Noyes, to be held in a trust fund known as "The La Verne Noyes Foundation," the income to be used for scholarships under conditions heretofore specified.

2. Receipt for one hundred seventy-five (175) shares of the common capital stock of the Aermotor Company, an Illinois corporation. This is represented by certificate number 156 of said corporation issued to Lewis C. Walker, Joseph J. Fraser, and Frederick E. Smith, Trustees of the La Verne Noyes Estate, which they hold as pledgees of the Board of Trustees of the University of Illinois under the terms of the agreement referred to. The income from these securities may be used to pay certain annuities created by the will of La Verne Noyes, and any surplus will come to the University for scholarship purposes. On the death of the last annuitant these securities will be turned over to the University for scholarship purposes.

This report was received for record.

ADDITION TO FRANCIS J. PLYM ENDOWMENT

(44) Mr. Francis J. Plym of Niles, Michigan, has presented the University the following securities to increase the endowment of the Plym Fellowships Fund for the purposes stated below:

<i>Number of shares</i>	<i>Company and Issue</i>
45	American Tobacco "B" Common stock
125	Swift and Company, Common stock
60	Loew's Inc., Common stock
75	Standard Oil of New Jersey, Common stock
45	Union Carbide & Carbon Corp., Common stock

These securities are to be added to the present Plym Endowment Fund which has heretofore supported the Plym Fellowship in Architecture with a stipend of \$1,200 a year and the Plym Scholarship in Architectural Engineering with a stipend of \$700 a year. The additional income is to be used to increase the latter scholarship to a fellowship to be known as the Plym Architectural Engineering Traveling Fellowship with a stipend of \$1,200 a year, thus advancing it to the same status as the Plym Fellowship in Architecture.

In a letter to the President of the University dated December 20, 1937, a copy of which is hereby given to the Secretary of the Board for record, Mr. Plym states the terms of this additional gift as follows:

"I am assuming, and I would suggest that these issues of common stock should be held in the Treasury of the University until such time, and this should be within two or three years, when the stock market will have regained itself, and when this time arrives it will be with my permission that the University sell this stock and reinvest the proceeds into such securities as is endorsed and is the custom of all securities of the University proper. If this is carried on, it will simply mean that the proceeds will be enhanced, at least, 50% and perhaps 75%, over what they are worth now and the additional proceeds properly invested will make additional revenue, which may be applied to Architectural prizes and other remunerations which might add to and help the development and progress of the Department of Architecture, and will be an added incentive to the students in their work."

He has also expressed his satisfaction with the method followed during the past twenty-five years in awarding the Plym Fellowship in Architecture and more recently the Plym Scholarship in Architectural Engineering. The awards are made on the basis of a design competition which is judged by the Plym Fellowship Committee consisting of five architects appointed by the President of the University. The Head of the Department of Architecture is *ex-officio* a member of this Committee, and it has been the practice to include among the other four the President of the Illinois Society of Architects and the President of the Chicago Chapter of the American Institute of Architects. This Committee determines the character of the competition, specifies the conditions gov-

erning it, and selects the winners. Its nominations are subsequently reported to the Board of Trustees. Mr. Plym suggests that the present method of selecting winners and handling the awards be followed in the future.

This report was received for record.

GIFT OF MR. AND MRS. MERLE J. TREES

(45) In accordance with the general offer of November 29, 1937, which was presented to the Board on December 3, and in accordance with the terms of the resolution of the Executive Committee of the Board adopted on December 18, accepting this offer, in the terms of which resolution Mr. and Mrs. Merle J. Trees have formally indicated their concurrence, they have presented the following paintings for the year 1937:

<i>Painting</i>	<i>Valuation</i>
School of Holbein	
"An English Lady".....	\$ 7 500 00
Mabuse	
"Portrait of Thierry of Ligne".....	8 000 00
Jacque	
"Sheep".....	500 00
	<u>\$16 000 00</u>

The valuation indicated in each case is based on an appraisal made by the late Robert B. Harshe, Director of the Art Institute of Chicago, on December 28, 1937.

These paintings have been accepted and now become the property of the University, but in accordance with the provisions of the resolution of the Executive Committee adopted December 18, 1937, Mr. Trees has been requested to keep them in his custody until such time as the University is ready to display them. In the meantime, the University has insured them at their appraised value at a premium rate of \$54.96 a year.

The complete collection of paintings which Mr. and Mrs. Trees expect eventually to turn over to the University is as follows:

Barbison Group

<i>Name of Artist</i>	<i>Title of Painting</i>
Charles François Daubigny.....	On the Marne
Jean Charles Cazin.....	Isolated Haystack
Charles Theodore Frere.....	Sunset on the Nile
Emile Van Marcke.....	Cattle in Meadowlands
C. E. Jacque ¹	Sheep
Diaz.....	Landscape

American Artists

Albert P. Ryder.....	White Horse
Winslow Homer.....	French Farm
Ralph A. Blakelock.....	Landscape
Childe Hassam.....	Central Park New York
George Innes.....	The Coming Storm
Homer D. Martin.....	Crepuscule Montivilliers
Alexander H. Wyant.....	Landscape
Tryon.....	Sunrise
James Francis Murphy.....	Landscape

Sixteenth Century—Old Masters

Murillo.....	Madonna and Child
Pieter de Hooch.....	Genre Scene
Conti.....	Madonna and Child
Mabuse ¹	Portrait of Thierry of Ligne
	Count of Falkenberg
(Holbein School) ¹	Portrait of English Lady

¹Presented to the University in 1937.

<i>Other Paintings</i>	
<i>Name of Artist</i>	<i>Title of Painting</i>
Jacob Marris.....	Horses and Plowman
(French Primitive).....	The Praying Maria
George Romney.....	Mother and Son

Contemporary Artists

Pushman.....	My Golden Yesterday
John Whorf.....	Signaling the Vessel
Guy Wiggins.....	Winter New York
Frank Vining Smith.....	Marine

This report was received for record.

GIFTS TO THE UNIVERSITY

(46) A report of the following gifts received by the University since the last report was received by the Board:

1. John N. Chester of the Class of '91, framed pictures and autographed letters of five men prominent in engineering, to be placed in the Engineering Library.

2. The estate of W. R. Bradley, a bequest of \$5,000, the income to be used for the expenses of an annual banquet for the members of the University of Illinois Bands.

3. The Midwest Component of the Angle Society of Orthodontists to the College of Dentistry the Photomurals which have been placed in the Angle Memorial Room.

4. Judd E. Wells, four bound volumes of the World's Columbian Exposition of 1893 to the Department of Architecture.

5. Mr. and Mrs. George K. Linton and Miss Kate Fahnestock, 166 bound volumes from the libraries of their father and grandfather.

6. Illinois Federation of Women's Clubs, \$1,000 for the promotion of scientific work on cancer by the Department of Obstetrics and Gynecology in the College of Medicine.

7. Winston Brothers, Snyder, Texas, three head of purebred Hereford cattle.

8. Electrical equipment formerly used in connection with the neon sign lighting the Capitol dome at Springfield, through the courtesy of the Secretary of State, for the Department of Electrical Engineering.

9. Nutrition Research Laboratories, \$425.01 for the "Vitamin D fund" at the College of Medicine.

10. Standard Brands, Inc., \$600 for additional research on "Yeast effect on digestive tract."

11. Charles Spencer Williamson memorial scholarship, an additional \$85.

12. Electrical Engineering Loan Fund (dividend from closed bank), \$19.41.

13. William E. Levis Loan Fund (additional receipt, see Minutes of June 29, 1936), \$5,000.

14. Samuel and Lydia Hare Students' Loan Fund (approximate amount reported in October 15 Minutes, \$13,597.10, actual \$13,601.49), \$4.39.

15. Cancer Research Institute of Chicago Woman's Club, \$500 for support of Dr. Albert Bachem's research work.

16. The Art Extension Committee of Illinois, a bronze bust of Lorado Taft by Miss Mary H. Webster.

17. Denison Memorial Fund for the purchase of library books, an additional \$2,200; loan fund, \$3,300.

18. The Institute of American Poultry Industries, an additional \$410 for the "Review of Literature on Poultry and Eggs."

19. Mr. L. B. Kilbourne, an additional \$199.60 for the "Review of Literature on Poultry and Eggs."

20. State of Illinois, Department of Highways, \$2,000 for additional research on expansion joints.

21. Tobacco By-Products and Chemical Corporation, \$450 for additional research on nicotine insecticides.

22. E. I. du Pont de Nemours and Company, \$2,000 for a Post-Doctorate Fellowship in Chemistry, and \$750 for a Post-Graduate Fellowship in Chemistry, for the year 1938-1939. These are continuations of similar grants previously received from that Company.

This report was received for record.

TRAIN SERVICE ON ILLINOIS CENTRAL

(47) A report of steps taken to secure better train service between Champaign and Chicago on the Illinois Central Railroad.

This report was received for record.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Purpose</i>
Berry Asphalt Company.....	November 15, 1937	License agreement for use of Grant filling compound.
Consumers Company of Illinois.....	November 26, 1937	Coal for the Chicago Departments, from October 1, 1937, to August 31, 1938.
Ralph Cook.....	November 15, 1937	Coal, from November 1, 1937, to June 30, 1938, inclusive.
Hicks Laundry and Dry Cleaning Company..	November 30, 1937	Laundry service to June 30, 1939.
J. P. Minier and Rosie Minier, his wife.....	December 14, 1937	Contract which provides for an extension of time in the event of a severe crop failure (Martin Farm).
J. P. Minier and Rosie Minier, his wife.....	December 28, 1937	Mortgage covering land in Franklin County, Illinois (Martin Farm).
Shippers Fuel Corporation.....	October 21, 1937	Coal, from November 1, 1937, to June 30, 1938, inclusive.
La Verne Noyes Foundation.....	December 31, 1937	Contract for Gift in Trust.

DEGREE OF DOCTOR OF MEDICINE

The Secretary presented also for record the following list of degrees of Doctor of Medicine conferred from July 1 to December 31, 1937.

GEORGE HAROLD ASHLINE, A.B., B.S., 1931, 1934.....	September 30
MEYER BACKER, Ph.C., B.S., 1932, 1934.....	September 30
SAMUEL MITCHELL BLUEFARB, B.S., 1935.....	December 31
SAMUEL BURACK, B.S., 1934.....	September 30
JOSEPH PETER CASCINO, B.S., 1934.....	December 31
CORINNE SCHENCK EDDY, Ph.B., University of Chicago, 1919; B.M., 1936	August 31
JOSEPH HENRY FILIP, B.S., 1934.....	December 31
JACK FINKELSTEIN, B.S., 1934.....	December 31
ORVILLE EUGENE GORDON, B.S., 1934.....	December 31
JACK WILLIAM GROSSMAN, B.S., 1934.....	July 31
LEO ABRAHAM KAPLAN.....	December 31
JOHN WESLEY KEYES, B.S., 1934.....	August 31
WILLIAM PHILIP KLEITSCH, B.S., M.S., 1934, 1937.....	December 31
PHILIP RANKIN LATTA, B.S., 1934.....	July 14
ARTHUR BERNARD LEVAN, B.S., M.S., 1934, 1936.....	With Honors, December 31
SAMUEL M. MARCUS, B.S., 1934.....	December 31
FELIX PATRICK MOONEY.....	September 30
EVERETT JACOB OLENICK, B.S., M.S., 1934, 1936.....	With Honors, December 31
LEONARD PEAL	December 31
THEODORE ALGIRD POSKA, B.S., University of Chicago, 1932.....	July 22
SAMUEL S. REINGLASS, B.S., 1935.....	December 31

OLIVER VERNON RENAUD, B.S., 1934.....	December 31
ISADORE IRVING ROSEN, B.S., 1930.....	July 22
SAMUEL LOUIS SCHREIBER, Ph.C., B.S., 1928, 1934.....	December 31
HARRY M. SEGENREICH, B.S., University of Chicago, 1930.....	September 30
JOHN RICHARD TAYLOR, B.S., B.M., 1935, 1936.....	September 30
STANLEY EDWARD TELSER, A.B., 1932.....	December 31

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Bassett, Marjorie M., Clerk and Stenographer in the Department of Railway Engineering, in the College of Engineering and in the Engineering Experiment Station, on two-thirds time, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of sixty dollars (\$60) a month. (December 29, 1937)¹

Boyett, Mary Alice, Assistant in the Binding Department of the Library, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month (this supersedes her previous appointment). (January 15, 1938)

Bruckner, Walter Herbert, Research Associate in Metallurgical Engineering, in the Engineering Experiment Station, beginning January 16, 1938, and continuing through August 31, 1939, at a cash compensation at the rate of three thousand two hundred dollars (\$3,200) a year. (December 27, 1937)

Buhrmester, Catherine C., Technician in the Department of Orthopaedics, in the College of Medicine, for eight months beginning January 1, 1938, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (December 29, 1937)

Butler, Mrs. Elsie Ross, District 4-H Club Adviser, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month (this supersedes her previous appointment). (December 29, 1937)

Clark, J. W., Assistant in Physics, in the College of Engineering, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (January 6, 1938)

Collier, G. Estelle, Stenographer in the Department of Horticulture, in the Extension Service in Agriculture and Home Economics, for eight months beginning January 1, 1938, at a cash compensation at the rate of eighty dollars (\$80) a month. (December 29, 1937)

Cowan, J. C., Special Research Fellow in Chemistry, beginning February 1, 1938, and continuing through January 31, 1939, at a cash compensation of two thousand dollars (\$2,000). (December 22, 1937)

Deem, Arden Garrell, Assistant Professor of Chemical Engineering, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (November 23, 1937)

De Turk, Ernest E., Professor of Soil Fertility, in the Department of Agronomy, in the College of Agriculture, and Chief in Soil Fertility and Soil Analysis, in the Agricultural Experiment Station, on indefinite tenure, beginning January 1, 1938, at a cash compensation at the rate of four thousand two hundred fifty dollars (\$4,250) a year (this supersedes his previous appointment). (January 4, 1938)

Englund, Ernest, Mechanician in the Department of Physics, in the College of Engineering, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand nine hundred dollars (\$1,900) a year. (January 19, 1938)

Everett, Verna L., Record Clerk in the Registrar's Office, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

at a cash compensation at the rate of one thousand one hundred dollars (\$1,100) a year (this supersedes her previous appointment). (January 4, 1938)

Foster, Virginia E., Secretary to the Assistant Dean of the College of Agriculture, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (December 11, 1937)

Fowler, Frank H., Assistant in Surgery, in the College of Medicine, for eight months beginning January 1, 1938, without salary. (January 13, 1938)

Glass, Martha, Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes her previous appointment). (January 15, 1938)

Grosboll, Nancy Elizabeth, Assistant in Home Economics, in the College of Agriculture, on one-half time, beginning February 1, 1938, and continuing through June 15, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (December 22, 1937)

Gyory, Elizabeth, Library Clerk in the Catalog Department of the Library, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 17, 1938)

Hardaway, Lemuel Elliott, Assistant in the Loan Department of the Library, on one-half time, beginning January 15, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of seven hundred dollars (\$700) a year. (January 15, 1938)

Harshbarger, Kenneth E., Assistant in Dairy Production, in the College of Agriculture, and in the Agricultural Experiment Station, on one-half time, for seven months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 13, 1938)

Heidrick, Fausteena, Resident in the Division of Anaesthesia, in the College of Medicine, beginning January 1, 1938, and continuing through June 30, 1938, with a vacation allowance of one week, the cash compensation being at the rate of twenty-five dollars (\$25) a month, in addition to maintenance (including room, board, and laundry) and twenty-five dollars (\$25) a month paid by the State Department of Public Welfare, for which the University assumes no responsibility. (December 21, 1937)

Holm, A. J., Assistant in Surgery, in the College of Medicine, for eight months beginning January 1, 1938, without salary. (January 4, 1938)

Holmes, Melba L., Stenographer in the Department of Home Economics, in the College of Agriculture, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (January 15, 1938)

Holub, Louis A., Assistant in Surgery, in the College of Medicine, for eight months beginning January 1, 1938, without salary. (January 4, 1938)

Jackson, Eugene Bernard, Library Assistant in the Engineering Library, on one-half time, for seven months beginning February 1, 1938, at a cash compensation at the rate of seven hundred dollars (\$700) a year. (January 15, 1938)

Johanson, A. J., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1938, at a cash compensation at the rate of thirty dollars (\$30) a month. (December 22, 1937)

Leslie, Ruth, Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (December 22, 1937)

Levine, Victor, Associate in Pathology, in the College of Medicine, on one-half time, for nine months beginning December 1, 1937, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this supersedes his previous appointment). (December 9, 1937)

Linsley, Clyde Maurice, Assistant Professor of Soils Extension, in the Extension Service in Agriculture and Home Economics, on one-half time, beginning January 26, 1938, and continuing through June 30, 1938, at a cash compen-

sation at the rate of one thousand nine hundred dollars (\$1,900) a year (this supersedes his previous appointment). (January 4, 1938)

McMillan, J. Charles, Instructor in Medicine, in the College of Medicine, on one-eighth time, beginning December 1, 1937, and continuing through August 31, 1938, at a cash compensation at the rate of three hundred dollars (\$300) a year (this supersedes his previous appointment). (December 10, 1937)

Minard, David, Instructor in Physiology, in the College of Medicine, for six months beginning March 1, 1938, at a cash compensation at the rate of two thousand two hundred dollars (\$2,200) a year. (January 14, 1938)

Moller, Ruth C., Stenographer in the College of Agriculture, on four-fifths time, beginning February 15, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 15, 1938)

Morgan, Don H., Community Consultant in the Bureau of Community Planning, in the College of Fine and Applied Arts, beginning January 15, 1938, and continuing through August 31, 1939, at a cash compensation at the rate of three thousand dollars (\$3,000) a year. (January 8, 1938)

Mrgudich, J. N., Special Research Associate in Chemistry, for eight months beginning January 1, 1938, at a cash compensation at the rate of two hundred twenty-five dollars (\$225) a month. (January 4, 1938)

Muckenhirn, Robert John, Associate in Soil Physics and Soil Survey, in the Agricultural Experiment Station, beginning February 1, 1938, and continuing through June 30, 1938, at a cash compensation at the rate of two thousand five hundred dollars (\$2,500) a year. (December 9, 1937)

Ormiston, Emmett Ezekiel, Assistant in Dairy Production, in the College of Agriculture and in the Agricultural Experiment Station, for eight months beginning January 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (December 22, 1937)

Phelps, Rose B., Associate in Library Science, for seven months beginning February 1, 1938, at a cash compensation at the rate of two thousand six hundred dollars (\$2,600) a year. (January 13, 1938)

Phillips, L. W., Assistant in Physics, in the College of Engineering, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (January 6, 1938)

Pickens, Glen, Machine Operator in the Department of Dairy Husbandry, in the College of Agriculture, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (December 29, 1937)

Philbin, Patrick George, Junior Accountant in the Accounting Division of the Business Office, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (December 29, 1937)

Riley, Mrs. Dorothy Roberts, Assistant in Home Economics, in the College of Agriculture, on one-half time, beginning February 1, 1938, and continuing through June 15, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (December 22, 1937)

Roberg, Norman Bridge, Instructor in Medicine, in the College of Medicine, on one-half time, for eight months beginning January 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (January 13, 1938)

Roth, Harold A., Assistant in Surgery, in the College of Medicine, for eight months beginning January 1, 1938, without salary. (January 4, 1938)

Russell, Winifred A., Junior Clerk in the Dispensary, in the College of Medicine, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-seven dollars fifty cents (\$97.50) a month. (January 19, 1938)

Ryan, Margaret E., Stenographer in the Registrar's Office, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (January 4, 1938)

Scheerer, E. J., Library Assistant in Chemistry, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash

compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 20, 1938)

Siemon, Mrs. Beatrice Currier, Serologist in the Hospital Laboratory, in the College of Medicine, for eight months beginning January 1, 1938, at a cash compensation at the rate of one hundred forty dollars (\$140) a month. (January 13, 1938)

Sluder, Alyce, Stenographer in the Accounting Division of the Business Office, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (December 29, 1937)

Sprules, F. J., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1938, at a cash compensation at the rate of thirty dollars (\$30) a month. (December 22, 1937)

Stokes, Hilda Imogene, Psychiatric Social Worker, in the College of Medicine, for nine months beginning December 1, 1937, at a cash compensation at the rate of two thousand dollars (\$2,000) a year. (December 9, 1937)

Teitelman, Stanley Lloyd, Assistant in Medicine, in the College of Medicine, beginning January 10, 1938, and continuing through August 31, 1938, without salary. (January 20, 1938)

Tinsley, Milton, Second-Year Resident in the Department of Neurology and Neurological Surgery, in the College of Medicine, for eight months beginning January 1, 1938, with a vacation allowance of two weeks, the cash compensation being at the rate of eight hundred dollars (\$800) a year, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (January 4, 1938)

Turner, Bobette, Technician in the Department of Psychiatry, in the College of Medicine, for eight months beginning January 1, 1938, at a cash compensation at the rate of one thousand four hundred fifty dollars (\$1,450) a year. (December 29, 1937)

Tuta, Joseph A., Associate in Pathology, in the College of Medicine, on one-half time, for eight months beginning January 1, 1938, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (December 9, 1937)

Van Buren, Florence, Stenographer in the Department of Medicine, in the College of Medicine, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (January 15, 1938)

Walker, Olive E., Record Clerk in the Registrar's Office, for eight months beginning January 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (January 15, 1938)

Wall, Harry Charles, Assistant in Medicine, in the College of Medicine, for eight months beginning January 1, 1938, without salary. (December 21, 1937)

Watt, Lucille, Resident in the Division of Anaesthesia, in the College of Medicine, for five months beginning February 1, 1938, with a vacation allowance on the basis of two weeks per year, the cash compensation being at the rate of twenty-five dollars (\$25) a month, in addition to maintenance (including room, board, and laundry) and twenty-five dollars (\$25) a month paid by the State Department of Public Welfare, for which the University assumes no responsibility. (January 17, 1938)

Will, Frederick L., Instructor in Philosophy, for five months beginning February 1, 1938, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 15, 1938)

Wilson, W. E., Assistant in Botany, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 13, 1938)

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Briggs, Mrs. Mary S., Assistant in Chemistry—resignation effective February 1, 1938.

Cole, Mrs. Edith, Stenographer and Clerk in the Extension Service in Agriculture and Home Economics—resignation effective February 1, 1938.

Cowan, J. C., Assistant in Chemistry—resignation effective February 1, 1938.

Ebey, D. R., Assistant in Chemistry—resignation effective February 1, 1938.

Fulton, Elizabeth M., Resident in the Department of Anaesthesia, in the College of Medicine—resignation effective January 1, 1938.

Hartman, H. L., Assistant in Chemistry—resignation effective February 1, 1938.

Heidrick, Faustena, Resident in the Division of Anaesthesia, in the College of Medicine—declination effective January 1, 1938.

Henderson, Robert G., Assistant in Botany—resignation effective February 1, 1938.

Howard, William Harold, Assistant in Ophthalmology, in the College of Medicine—declination effective November 1, 1937.

Kadow, K. J., Associate Pathologist in Horticulture—resignation effective January 31, 1938.

Langdon, W. M., Assistant in Chemistry—resignation effective February 1, 1938.

Muller, C. H., Assistant in Botany—resignation effective February 1, 1938.

Mumm, W. J., Associate in Plant Genetics, in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective January 31, 1938.

Murphy, Iva G., Assistant in Medicine, in the College of Medicine—cancellation effective September 1, 1937.

Northcott, Ruth, Junior Clerk in the Dispensary, in the College of Medicine—resignation effective November 24, 1937.

Olsen, A. K., Second-Year Resident in the Department of Neurology and Neurological Surgery, in the College of Medicine—resignation effective January 1, 1938.

Roberg, O. T., Assistant in Surgery, in the College of Medicine—resignation effective January 1, 1938.

Schmutzler, Ruth, Stenographer and Clerk in the Department of Botany—resignation effective January 31, 1938.

Shank, Sarah Jane, Stenographer in the Department of Home Economics, in the College of Agriculture—resignation effective January 1, 1938.

Walsh, T. G., Assistant Professor of Medicine, in the College of Medicine—declination effective September 1, 1937.

Whiteside, Eugene Perry, Assistant in Soil Physics and Soil Survey, in the Agricultural Experiment Station—resignation effective February 1, 1938.

The Board adjourned to meet in February at the call of the President.

H. E. CUNNINGHAM

Secretary

O. M. KARRAKER

President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

February 11, 1938



The February meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 12:30 p.m. on Friday, February 11, 1938.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and, during part of the afternoon, Director C. S. Havens, Judge Sveinbjorn Johnson, and Professor Lloyd Morey.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 20, 1938.

On motion of Mr. Moschel, the minutes were approved as printed on pages 591 to 618 above.

**MEETING OF COMMITTEE ON BUILDINGS AND GROUNDS,
JANUARY 24, 1938**

Mr. Adams presented the following report.

On call of the Chairman, a meeting of the Committee on Buildings and Grounds was held at the University beginning at 2:00 p.m. January 24, 1938, to consider an emergency situation in University Hall. On Friday, January 21, shortly before one o'clock the ceiling in Room 315 (a class-lecture room) of that building collapsed and hundreds of pounds of plaster, metal lath, and timber fell to the floor, wrecking a number of chairs in that room. Fortunately no class was scheduled there at that particular hour so that no one was injured.

The Committee received reports from Director Havens of the Physical Plant Department and Professor W. M. Wilson of the College of Engineering (who had inspected the building at the request of Director Havens), and then inspected the building with Messrs. Havens and Wilson. Later the Committee conferred with President Willard.

The Committee found that the collapse of the ceiling in Room 315 was a failure which could not have been foreseen, despite regular inspections of University Hall by the Physical Plant Department to detect hazards and defects of all kinds. The causes of this failure appear to be due to first, the type of construction, and second, the drying of the timbers which loosened the nails holding the furring strips to the joists. The entire ceiling (furring strips, metal lath, and plaster) detached itself from the joists and fell in large sections. It was not a case of merely loose plaster falling. The ceilings are of the same type of construction throughout the building and the same failures are likely to occur elsewhere, especially if the ceilings are subjected to the vibrations caused by hundreds of people occupying the rooms over them.

The Committee is of the opinion that any further use of University Hall in its present condition would be hazardous. Pending action by the Board of Trustees it seemed advisable to the Committee that immediate steps be taken to close the building for classroom and laboratory purposes immediately and to vacate it otherwise as soon as practicable. Therefore, this recommendation was presented by telephone to the members of the Executive Committee of the Board, and this Committee concurred in the recommendation of the Committee on Buildings and Grounds.

The building has been closed since January 25, except to the members of the faculty who must have access to their offices in that building and to students who have necessary business therein. These are being admitted by special permits.

The Committee on Buildings and Grounds respectfully requests that its action and that of the Executive Committee be confirmed by the Board.

H. M. ADAMS, *Chairman*
LOUIS C. MOSCHEL
HAROLD A. FOGUE
NELLIE V. FREEMAN

On motion of Mr. Adams, the action of the Committee on Buildings and Grounds and of the Executive Committee in closing University Hall was approved and confirmed.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

UNIVERSITY HALL

(1) Following the informal action of the Executive Committee of the Board on January 24, on recommendation of the Committee on Buildings and Grounds, that University Hall be closed, the Physical Plant Department was directed and authorized to take immediate steps to rehouse classes scheduled in that building for the second semester elsewhere on the campus, and to move the offices and other activities housed in University Hall to other quarters. In the meantime, the first semester final examinations scheduled in University Hall were rescheduled in other buildings.

The emergency confronting the University was presented to the University Council at a special meeting called for that purpose and a special committee with Provost A. J. Harno as Chairman, and representatives of the Physical Plant Department, the Bureau of Institutional Research, and the College of Liberal Arts and Sciences was appointed to work out the necessary changes. It should be noted in the record that this committee and particularly the Physical Plant Department deserve great credit for what has been accomplished on such short notice. In most cases the committee was able to shift all classes formerly assigned to University Hall to other buildings both on the campus and off. Likewise all of the general and departmental offices, with only one or two exceptions, have been moved into other quarters. This has been accomplished by using open areas in basements and attics, heretofore utilized only for general service and storage, by taking over Library and Museum space, and by changing classrooms into offices. These changes have involved an extensive construction program by the Physical Plant Department working on three shifts a day in order to have classrooms and laboratories ready for the opening of the second semester. In converting large open areas used for storage and other purposes into classrooms, laboratories, and offices it has been necessary to erect many partitions, arrange corridors, and in some cases install ceilings as well. Whenever possible this remodeling has been of the same standard of construction as the buildings in which the changes have been made so that the improvements are permanent.

While it has been possible to move whole departments, individual members of the staff, and all classes formerly housed in University Hall to other quarters, the resulting arrangements are far from satisfactory in many cases. This could only be done by making sacrifices which will necessarily affect the work of individual staff members and of their departments and will impair their educational efficiency. It is not good educational practice to conduct classes in quarters such as basements and attics which do not have adequate blackboard space or natural light for such purposes. Neither is it good practice to schedule classes so far apart that students have difficulty in getting from one to the next on time. Assigning too many members of the faculty to one office is a decided handicap to both students and faculty members alike. It limits the facilities for consultation between students seeking advice and their instructors, which is an important part of the educational program.

The shifts which have been made are:

1. The Department of Psychology, previously occupying the fourth and fifth floors of University Hall, has been moved into the fourth, or attic, floor of the New Agriculture Building where the space has been divided into classrooms, laboratories, and offices by the construction of partitions and ceilings. Classrooms on the third floor of the New Agriculture Building have been converted into departmental offices.
2. The English Department headquarters and offices of staff members have been moved into space made available in Lincoln Hall by remodeling four classrooms and taking over the janitor's room. These adjustments have also involved taking over a faculty office of the Department of Sociology which in turn has required two members of that Department to double up on office quarters.
3. The German Department faculty offices formerly in University Hall have been moved to the Library and to Lincoln Hall. One room has been taken over for this purpose in the Museum of European Culture.
4. Romance Languages. Faculty offices formerly in University Hall have been moved into offices previously assigned to this Department in Lincoln Hall and two rooms formerly used by the Museum of European Culture.
5. The History Department staff members formerly housed in one room in University Hall have been moved into rooms in Lincoln Hall previously assigned to that department but no additional space has been assigned for this purpose.
6. The School of Journalism, which is being housed in three buildings. Two former classrooms on the first floor of the Commerce Building have been converted into general offices. A part of the basement of the Commerce Building has been remodeled into rooms for the type-setting laboratory, copyreading room, and faculty offices. The reading room and reporting laboratory have been housed on the fourth floor of the Library by taking over temporarily a map room and a seminar. A part of the equipment which the School of Journalism shared with *The Daily Illini* in University Hall has been moved to a room in the Student Center formerly used for meetings.

7. *The Daily Illini*. Editorial offices formerly housed in University Hall have been moved to the basement of the Student Center Building.

8. The University Extension Division has been temporarily housed in the Board of Trustees room and an anteroom in the Administration Building.

9. The Public Information and Radio Station office formerly housed in the basement of University Hall has been moved to rooms in the University Place Christian Church on Wright Street across from the studio of Radio Station WILL.

To make provision for the offices formerly in University Hall it has been necessary to change four classrooms in Lincoln Hall, two in the Commerce Building, and two in the Woman's Building into faculty offices. In addition the University is renting three rooms in the Wesley Foundation and one in the Newman Foundation for classroom purposes in addition to office space in the University Place Christian Church.

Structural Appraisal of University Hall

In preparing reports on the condition of University Hall for the information of the Board in considering the future of this building it seemed desirable to have a structural appraisal made by an expert architectural engineer in no way connected with the University. Accordingly the Director of the Physical Plant Department was instructed to confer with the Deans of the Colleges of Engineering and of Fine and Applied Arts (Architecture) to decide what should be included in such an appraisal and who should be retained for this purpose in order to have the report available for this meeting. On recommendation of these officers Mr. W. S. Wolfe of the firm of Smith, Hinchman, and Grylls, Incorporated, Architectural Engineers in Detroit, was retained to make this structural appraisal. This is a well-known firm of engineers with an excellent professional reputation. Mr. Wolfe himself is an authority on old buildings as well as an expert architectural engineer.

His report is submitted herewith. It is a general statement, in non-technical language, briefly summarizing the results of his inspection of University Hall. He lists a minimum of 14 items involved in reconditioning the building for further occupancy at a total estimated cost of approximately \$210,000, which should be increased by at least 15 per cent for contingencies for the reasons stated in his opinion under "minimum repairs."

REPORT REGARDING CONDITION OF UNIVERSITY HALL UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS FOR MR. C. S. HAVENS, DIRECTOR OF PHYSICAL PLANT

In accordance with your request, the writer has examined your building known as University Hall and wishes to submit the following report:

The building has brick bearing walls, cast iron columns, wood beams and wood joists. The stairways are open and are constructed of wood. The joist spans are rather long and the strength of the joist is considerably less than is considered good practice today. The result is a very springy floor and a decided sagging in many of the joist spans. The typical timber beams have about one-half the strength that would be required by standard building codes, and some of the stair construction is even worse. A pronounced sagging in many of the beam spans is therefore found, and there is an excessive vibration in the stairs under load. In other words, the factor of safety in the floor and stair construction is less than that which is commonly considered desirable for this type of building.

It should be noted that the above comments are made with the assumption that the timber in the building has not deteriorated in strength with age. This point should be checked by load tests before seriously considering placing the building in service again. Because of the type of nails used in the lath and furring strips of the ceiling, the age of the building, the vibration in the floors, the dryness of, and the kind of wood in, the joist, etc., the support of the ceiling is insecure. There is danger of large areas falling, but where they will fall and at what time, no one can say with assurance. Now that we have had a demonstration of several tons falling, it is thought that all who are responsible for the safety of students will rest easier with the building vacated. It is true that it might be some time before another large area fell, but the

criticism if it fell on a class of students would probably be severe, and the loss of life might be serious.

The brick in the walls is rather soft and some of the joints are not properly filled. The windows are in bad condition, as well as the cornice and woodwork around the dormer windows. The towers need attention, and the simplest and most desirable solution, from an engineering standpoint, would be to remove them. Some of the finish floors are very badly worn and the heating system is far from perfect.

Minimum Repairs

In case it is desired to place the building in service again, the repairs listed below are, in the writer's opinion, a minimum which it would be desirable to consider:

1. Remove all existing plaster ceilings and provide new ceilings of plaster, celotex, or some fire resisting material.
2. Strengthen the floors, the amount of strengthening to be done depending upon the results of load tests and examination.
3. Remove the stairways at each end of the building, and replace with fire towers.
4. Remove the present center stairway and replace with a steel stairway supported on steel or masonry, and arrange so as to eliminate open wells between runs, and also so that the stairway may be cut off from the corridor with a wire glass partition.
5. Remove and rebuild all exterior cornices.
6. Remove the towers down to the level of the adjoining portion of the building.
7. Rebuild the dormers, or remove and replace with simpler construction.
8. Provide new roofing as required.
9. Provide new finish floors where the need is most pressing.
10. Repair or replace heating system.
11. Re-wire building except possibly in upper story since old wiring will be destroyed by removing ceiling.
12. Check over all windows, replacing sash and glass where necessary.
13. Check over brick walls carefully pointing and filling cracks as conditions require.
14. Miscellaneous minor repairs, painting, etc.

In our opinion these repairs will cost approximately \$210,000, but this figure should be checked in detail before an appropriation is made; and it should be kept in mind that in all alteration jobs, new problems develop as the job progresses and the old work is opened up; and such jobs usually cost more in the end than was anticipated in the beginning. It should also be pointed out that even if these repairs were made, the building would still be an old building with many defects and high maintenance costs, and that the fire hazard would still be very great. In view of this, it would seem advisable not to spend such a large amount on the old building, but rather use it as a start toward a new building.

More Extensive Repairs

It would of course be possible to make the building fireproof by removing the present timber floor and roof construction, and replacing with reinforced concrete using reinforced concrete columns where necessary. Only the foundations and walls of the existing building would be retained, but the walls are none too good, and some of the foundations are not large enough to take the increased dead load. Such a solution is not recommended because it would cost about as much as a new building.

Conclusions

1. In the writer's opinion, the building should not be occupied again until repairs have been made.
2. One of the worst features of the building is the fire and panic hazard, and unless an excessive amount of money was spent, the fire hazard would still be serious.
3. Unless it is desired to retain the old building for sentimental or other reasons, it would seem advisable to wreck it and spend available funds for new construction.

W. S. WOLFE

There is also submitted a report on the structural condition of this building made at the request of the President of the University on September 19, 1928, by three engineers on the faculty, Dean M. S. Ketchum (now deceased), Professor A. N. Talbot (retired), and Professor W. M. Wilson of the Department of Civil Engineering.

September 19, 1928

President David Kinley, 355 Administration (West)

DEAR PRESIDENT KINLEY:

At your request we have made an examination of the present condition of University Hall and herewith present our report.

In the inspection of the building, the exposed parts of the structure have been examined, the condition of the interior of various rooms has been inspected for evidences of defects and deterioration, and floor boards have been removed in several places to learn the state of preservation of the floor system. We desire to report that it is our opinion that the building is structurally safe and, with the exception of a few needed repairs which are under way or in contemplation, it is in excellent structural condition.

The brick walls are, on the whole, sound and well preserved, and the foundations seem generally secure and little settlement is apparent. In a very few places the wall footings have settled a little, producing cracks in the wall, but in no case has a dangerous condition resulted. A few spots show soft brick. In a few places surface bricks are disintegrating or spalling. Some of these spots should have repairs some time soon. Others may need replacing or repairs in the future.

In the original design of the building the east wall of the east tower and the west wall of the west tower were subjected to an eccentric load near the top. The eccentric loading caused the walls to bulge out, the movement probably occurring for the most part when the building was comparatively new. This bulging and the presence of soft bricks in parts of the wall gave trouble in the east tower some years ago, and the fault in the design was remedied four years ago when a column was placed in this tower in such a manner that most of the load that had been carried on the injured wall was transferred to the column and faulty brick work was replaced by sound masonry and a steel rod introduced at the bulge so as to prevent further movement. These repairs seem to be adequate and no further trouble is anticipated.

A similar condition has existed in the west tower. We are informed that some years ago a girder was inserted to transfer part of the load from the west bearing wall. Alterations similar to those made in the east tower are now being made in the west tower. A steel column has been placed to relieve the brick bearing wall of part of its load, and we are informed that repairs of the brick work are in contemplation. With the completion of this work the west tower should be safe for many years. There is a slight bulge in the west wall of the building near the tower which evidently has existed for many years. It does not show elements of unsafety now, but it would be well to make periodic inspections of it.

The east tower has developed a second weakness; although not serious, it may well be remedied. Cracks have appeared above the narrow window openings near the top of the tower so that the brick work forms a number of slender pillars. The weight resting on this brick work is light and there is no evidence that the condition is at all dangerous. It would seem well, however, to strengthen the construction, which may be done easily and cheaply by tying the four corners of the tower together with steel rods. It is suggested that this precaution be taken.

In the places where floor boards were removed the joists were found to be in good state of preservation with no indication of deterioration because of age. The joists appear to be made of the excellent quality of white pine that was commonly used at the time the building was constructed.

Many of the floors show some sag, but the indications are that the deflection occurred in the early life of the building. Computations show that the floor supports have ample strength, though they will permit somewhat greater deflection under load than the limit generally required in modern practice. There are practically no

cracks in the plaster, and the woodwork has not split nor been pulled away from the plastering, indicating that structurally the building is in a remarkably good state of preservation for its age.

We are informed that the plastering fell from the ceiling of one of the rooms a year ago. As plastering is likely to become loose, it would seem desirable to have the ceilings of the rooms inspected.

So far as conditions for exit in case of fire are concerned, we feel that the broad corridors, the location and arrangement of the three stairways, and the location of the fire escapes are such as to give ample exit facilities.

We find then that at the present time the building is structurally safe, that in general it is well preserved, and that with the changes and repairs being made and those suggested in this report all reasonable precautions for safety will have been taken.

Respectfully submitted,

M. S. KETCHUM
A. N. TALBOT
W. M. WILSON

REPORT OF PHYSICAL PLANT DEPARTMENT ON UNIVERSITY HALL

The following report from Director C. S. Havens, Dean M. L. Enger of the College of Engineering, Dean Rexford Newcomb of the College of Fine and Applied Arts, Professor W. M. Wilson of the Department of Civil Engineering, and R. C. Maxwell, Structural Engineer in the Physical Plant Department.

Comments on W. S. Wolfe's Report Regarding University Hall

We have read W. S. Wolfe's report on the condition of University Hall and we concur in his findings and recommendations. However, on account of the general nature of his report, we have requested that he submit a supplementary report containing more engineering data. We have the following comments to make relative to Mr. Wolfe's list of minimum repairs.

1. We approve the removal of all ceiling plaster. Approximately two and one-half tons of plaster fell in Room 315 at 12:55 p.m., January 21, 1938, and wrecked twenty-one heavy classroom chairs. Had this fall occurred during the forenoon of the same day when the room was occupied by a class, the occupants of these chairs would probably have been seriously injured, possibly some fatally. An examination of the building has shown that, in some places, the lath, and in other places, the furring strips, have already come loose, and the fall of other ceilings may be expected unless they are replaced.

2. We believe the strengthening of the floor framing is imperative for the following reasons:

(a) The Chicago Building Code requires that the live load used in the design of floors for school buildings be taken at 100 pounds per square foot for assembly rooms and 40 pounds per square foot for classrooms. Some of the rooms in this building are classrooms and others are assembly rooms.

The same code permits a unit stress in bending of 800 pounds per square inch for a good grade of white pine. Tests were made on three joists taken from a floor of University Hall and tested in the Materials Testing Laboratory. These joists were free of rot and checks but when tested developed only about two-thirds of the strength of good white pine joists. As a result of these tests, a report of which is attached, it would seem that a design stress of 600 pounds per square inch is as high as should be used in computing the safe load-carrying capacity of these joists. These data were not available at the time Mr. Wolfe made his report. The following live-load capacities are based on a unit stress of 600 pounds per square inch.

(b) On the typical 22-foot joist spans without superimposed partition loads, the live-load capacity is 17 pounds per square foot.

(c) On the typical 22-foot joist spans without superimposed partition loads, the live-load capacity is 25 pounds per square foot.

(d) On the typical 20-foot joist spans with superimposed partition loads, the entire safe load-carrying capacity of the joists is required to carry the dead load, leaving no carrying capacity for live load. That these joists have carried a live load for many years is due to the fact that structures are designed to carry three to six times the expected maximum load. This is a universal requirement of building codes.

(e) The wood beams on which the joists bear have a live-load capacity of 5 pounds per square foot on the floor where there are no superimposed partition loads, and on portions of the fourth floor, the partitions are so placed that no live load should be permitted on the floors.

3. The entire safe load-carrying capacity of the east and west stairs is required to carry the dead load. The Chicago Code requires a live-load capacity of 100 pounds per square foot. We endorse Mr. Wolfe's recommendation for fire towers and for removing the stairs.

4. While the main stair is superior in design to the east and west stairs and has a live-load capacity of 30 pounds per square foot, this is much less than the 100 pounds per square foot required by the Chicago Code. We endorse Mr. Wolfe's suggestion for rebuilding the main stair.

5. Several pieces of the cornice have fallen and, within the last year, a heavy bracket fell to the sidewalk near the east entrance. This is extremely dangerous to pedestrians who use these walks. The Board of Trustees, on November 10, 1937, authorized the replacement of or repairs to the cornice.

6. The condition of the towers was brought to the attention of the Board of Trustees, and on November 10, the removal of the towers was authorized. The Physical Plant Department prepared specifications for this work and was about to ask for bids when the ceiling fell in Room 315.

7. The Board of Trustees on November 10 approved repairs to or replacement of the dormers.

8. The Board of Trustees has approved the replacement of the roof as a maintenance item.

9. Much of the floor in this building is in bad condition. Moreover, it probably would be economical to remove the entire floor where the floor framing is to be strengthened. For these reasons, most of the floors in the building should be replaced.

10. Much of the original heating plant is still in use. Leaks are continually occurring and the whole heating system is inefficient, noisy, and impossible to regulate satisfactorily. It would seem desirable, therefore, either to remodel the old system completely, or to install a new one if a general reconstruction of the building is to be made.

11. Approved.

12. Sash and frames are badly worn and permit so much infiltration of air that it is difficult to heat the building uniformly.

13. The brick walls have been repaired on the exterior but in many places there are cracks which extend from the inside face of the walls to the new brick facing. There are also voids in the interior of the walls and, in places, bricks without any mortar have been used to fill the interior of the walls. The cracks on the interior of the walls are very noticeable on the interior of the east tower.

14. Toilets should be provided in the basement and on the fourth and fifth floors, and the existing toilets on the second and third floors should be modernized. Termites have entered the building thru the basement floor and further damage by them may be expected.

The discussion contained in paragraphs 1 to 14 is based on the assumption that extensive repairs are to be made but that modern fireproof floors and partitions are not to be provided. Mr. Wolfe has estimated that the cost of this construction will exceed \$200,000. Considering the fact that, if again put into service, this building will house, for considerable portions of each school day, over 1,000 students and faculty, it does not seem desirable to spend \$200,000 or more on repairs, and still have a building that falls so far short of modern standards for a building of this occupancy.

Conclusion

In view of these considerations, we recommend that the building be condemned and torn down.

M. L. ENGER

Dean, College of Engineering

REXFORD NEWCOMB

Dean, College of Fine and Applied Arts

C. S. HAVENS

Director, Physical Plant Department

W. M. WILSON

Research Professor of Structural Engineering

R. C. MAXWELL

Structural Engineer

Report of Tests of Joists Taken from University Hall

Three adjacent joists from the ceiling of Room 315 University Hall were removed and tested in the Materials Testing Laboratory. These joists appeared to be sound, unusually free from checks, and were straight and free from winds. As far as appearances were concerned they appeared to be good joists.

The joists were assembled to form a single structural member by spiking them together with 2" x 4" separators at the one-third points. These separators transfer load from one joist to another so as to cause the three to act as a unit in much the same manner as they act in the building. The joists were supported at the ends at points 19 feet apart and were loaded with two equal loads at the quarter points. This load distribution was used because it gives the same relation between the moment and shear that is produced by a uniformly distributed load, the type of load for which floor joists are designed. Steel plates were placed on the top of the joists under the loads so as to prevent local injury due to the concentrated load.

As the load was increased, one outside joist broke at a total load for the three joists of 12,950 pounds. This corresponds to a unit flexural stress in the joists of 2,875 pounds per square inch. The test was continued until the maximum total load was 15,400 pounds, corresponding to a unit stress of 3,420 pounds per square inch. This was the maximum total load which the joists would carry. Inasmuch as the design load for wood joists is usually taken at from one-fifth to one-eighth of their maximum load-carrying capacity, a unit stress of 600 pounds per square inch is as large as should be used for these joists.

W. M. WILSON

Research Professor of Structural Engineering

Director Havens commented on the Wolfe report, and showed specimens of material from the fallen ceiling.

Letters from several alumni were presented and considered.

After full discussion and on motion of Mr. Adams, the following resolution was unanimously adopted.

Whereas, the Board of Trustees has given serious consideration to the condition of University Hall, and to the reports of engineers not connected with the University, and of committees of architects and engineers from the University staff, and of its Physical Plant Department and the Board Committee on Buildings and Grounds, and the members of the Board now present have inspected the building in person; and

Whereas, the Board has also given serious consideration to the sentiment of the alumni who have written letters both for and against the removal of this building; and

Whereas, the building is now found to be structurally unsafe and hazardous, and the Board is of the opinion that the costs of restoring the building and of making it safe and fireproof would be greater than the Board is justified in expending for a restoration which would not result in a satisfactory and modern building, therefore be it

Resolved, that the President of the University should take steps to receive bids for the immediate removal of University Hall, and that such removal be and it is

hereby authorized; and that the President of the University be authorized to take steps to secure funds for a new building to replace University Hall, as it is impossible for the work of the University to be conducted satisfactorily on the present basis.

On motion of Mr. Moschel, the President of the University was authorized to request the Governor to include a request for funds for a new building, to replace University Hall, in the call for a special session of the General Assembly, and the President was authorized to take steps to secure action on such appropriation.

On motion of Mr. Pogue, the action of the Board on November 10, 1937 (Minutes, page 564), appropriating \$37,000 for repairs to University Hall, was reconsidered.

On motion of Mr. Pogue, this appropriation was rescinded, and the money was covered into the General Reserve Fund.

APPROPRIATION FOR REHOUSING CLASSES AND OFFICES FORMERLY IN UNIVERSITY HALL

(2) The closing of University Hall has required extensive remodeling and construction work by the Physical Plant Department in other buildings to rehouse classes and offices. I recommend that the expenditures necessary to do this work be authorized and an assignment of \$39,000 be made from the General Reserve Fund for this purpose. A supplementary assignment may be necessary when the total amount of work that will be required has been determined.

On motion of Mr. Cleary, the work of rehousing classes and offices was approved, and an appropriation of \$39,000 (to include the cost of wrecking the building) was made from the General Reserve Fund, as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

NEW SEATING FOR AUDITORIUM

At this point, Mr. Adams, for the Committee on Buildings and Grounds, presented a recommendation that new seating be installed in the Auditorium.

On motion of Mr. Adams, an appropriation of \$25,000, or so much thereof as may be necessary, was made for new seating in the Auditorium, the work to be completed by March 24, 1938. The appropriation was made by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

On motion of Mr. Pogue, the proper officers of the University were authorized to secure bids and to award the contract for this work.

At this point, Mr. Cleary withdrew.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed consideration of matters presented by the President of the University.

PRESS RELEASE ON UNIVERSITY HALL

(3) A draft of a statement for release to the press concerning the action on University Hall.

On motion of Mr. Adams, the release of this statement was authorized.

BIENNIAL BUDGET FOR 1939-1941

(4) A meeting of the University Council was held on February 4 to begin consideration of the biennial budget for 1939-1941, and to discuss general policies and the considerations which should enter into the detailed studies of the budgetary needs. The Council considered the importance of more adequate provisions for capital items in view of the long period of time in which there has been no new building construction in the departments at Urbana, especially due to the closing of University Hall.

It was the judgment of the Council that the studies of the budget should begin with a survey of the educational and scientific needs of the University with respect to both the operating budget and building items, that two committees should be appointed, one to study the operating budget, the other the building program, which should work separately at first but later together with the view to making a joint report. The present Advisory Committee of the Bureau of Institutional Research has been designated to make studies of the operating budget, and the Building Committee will be appointed later.

This report was received for record. The Board was of the opinion that the budget should contain a contingent fund, controlled by the Board, sufficient to meet emergencies encountered in operating the University.

JOURNALISM BUILDING

(5) The President of the Illinois Press Association has inquired what provision would be made by the University in its next biennial budget for a Journalism Building. He has been informed that the recent closing of University Hall is likely to change the entire character of the University building program, but that his inquiry will be brought to the attention of the Board of Trustees.

This report was received for record.

SABBATICAL LEAVES OF ABSENCE DURING 1938-1939

(6) A recommendation that the following members of the faculty be given sabbatical leaves of absence during the academic year 1938-1939 in accordance with the provisions of the University Statutes, and on the terms and for the period indicated in each case:

A. Leave of Absence for One Semester with Full Pay

- J. G. Randall, Professor of History, first semester
- A. F. Deam, Professor of Architecture, second semester
- John Van Horne, Professor of Romance Languages, second semester
- F. W. Loomis, Professor of Physics, first semester
- G. W. Goble, Professor of Law, second semester
- W. C. Huntington, Professor of Civil Engineering, first semester
- E. T. Hiller, Professor of Sociology, second semester
- R. H. Miles, Associate Professor of Music, second semester

B. Leave of Absence for One Year on One-half Pay

- T. W. Baldwin, Professor of English (with privilege of changing to leave during second semester on full pay)
- R. H. Baker, Professor of Astronomy
- J. A. Nicholson, Associate Professor of Philosophy
- Edna E. Walls, Assistant Professor of Home Economics¹
- H. R. Wanless, Associate Professor of Geology
- Mary C. Whitlock, Assistant Professor of Home Economics
- Mary Louise Chase, Assistant State Leader and Associate in Home Economics Extension²

¹This involves only \$278.50 of University funds; the balance of the salary will be paid from Federal funds.

²Since Miss Chase is not of professorial rank, this case does not come under the University Statutes, but regulations of the United States Department of Agriculture provide for leaves of absence on one-half pay for people in the Home Economics and Agricultural Extension Services. Consequently her case is being included in this list. Her entire salary is paid from Federal funds.

C. Leave of Absence for One Semester on One-half Pay

- H. N. Hillebrand, Professor of English, first semester
P. E. Jacob, Assistant Professor of Romance Languages, second semester
D. R. Taft, Professor of Sociology, first semester
P. D. Converse, Professor of Business Organization and Operation, second semester (with privilege of withdrawing application without prejudice)
Mrs. Nell S. Talbot, Assistant Professor of Medical and Dental History and Assistant to the Dean of the College of Dentistry (four months from October 1, 1938, three months with full pay and one month without pay)

Twenty-six applications for sabbatical leaves during 1938-1939 were received from members of the faculty and were submitted to the Graduate School Research Board for its consideration of the program of study, research, or travel contemplated in each case, and the Research Board's recommendation to the President, in accordance with the administrative procedure established by authority of the Board of Trustees for the consideration of applications for leaves of this type. Two applications were subsequently withdrawn, one due to the death of the individual, and the other because the individual is requesting a leave without pay, thus leaving twenty-four applications to be considered.

The Graduate School Research Board has made a careful study of all of the applications to determine these values in each program of study, research, or travel contemplated. In its report the Graduate School Research Board has submitted an analysis of each case and of the evidence or reasons for its recommendation.

Because it is not practicable to grant all applications requested, at any rate, not in their original form, it has been necessary to make certain selections on the basis of the merits of each case and its relative importance to the University and to the individual. Nine applicants for one semester leaves on full pay were advised that their applications could not be recommended for approval in their original form and were given an opportunity to amend them to applications for one semester leaves on one-half pay. Four of them subsequently withdrew their applications; three have modified their applications to leave of absence for one semester on one-half pay or the equivalent; one has requested more time to consider whether he should modify his application to one semester on one-half pay or withdraw it; and another has been permitted to change his application to leave of absence for one year on one-half pay.

This leaves twenty applications with the possibility that one more in Group C may be withdrawn. After careful study of the applications and of the report of the Graduate School Research Board, I am recommending approval of the nineteen applications, as listed above.

On motion of Mrs. Plumb, these leaves were granted as recommended.

LEAVE OF ABSENCE FOR PROFESSOR CHARLES M. KNEIER

(7) A request from Associate Professor Charles M. Kneier of the Department of Political Science for a leave of absence without pay for one year beginning June 1, 1938, and continuing until September, 1939, so that he may accept the position of Director of Research for the new Illinois Legislative Council.

I concur in the recommendation of the Head of the Department and the Dean of the College that this leave be granted. Since Professor Kneier will have completed all of the work of the academic year 1937-1938 required of him under his contract, he is entitled to receive his full salary for the year. I therefore recommend further that the balance of his salary due him for the current academic year be paid him in equal installments between now and June 1, 1938.

On motion of Mr. Adams, this leave was granted, and the Comptroller was authorized to pay Professor Kneier's salary, as recommended.

LEAVE OF ABSENCE FOR PROFESSOR FRANCIS P. SHEPARD

(8) A recommendation that Associate Professor Francis P. Shepard of the Department of Geology and Geography, who has been on sabbatical leave of absence during

the current year (the first semester without pay and the second semester on one-half pay), be given additional leave of absence during the first semester of 1938-1939 without pay to enable him to continue his researches in oceanography on the Pacific coast. Professor Shepard's request has been considered by the Department, the Executive Committee of the College of Liberal Arts and Sciences, and the Graduate School Research Board, all of whom recommend approval of this arrangement.

On motion of Mrs. Freeman, this leave was granted as recommended.

LEAVES OF ABSENCE GRANTED MEMBERS OF THE STAFF

(9) A report that leaves of absence have been granted the following members of the staff for the periods and under the conditions indicated in each case:

1. Mr. Roscoe E. Hill, Assistant in Zoology (quarter time), February 1 to March 20, 1938, with pay, for doing scientific work at a marine biological station. The Department will take care of his work during his absence without additional expense to the University. Similar leaves have been granted for such purposes in previous years.

2. Miss Dorothy Iwig, Extension Specialist in Home Furnishings, four weeks from August 1, 1938, two weeks with pay and two without, in addition to the regular vacation allowance for one month for the purpose of attending the summer session at Columbia University Teachers College.

3. Miss Erma Cottingham, District 4-H Club Adviser, two weeks from July 20, 1938, in addition to the regular vacation allowance of one month, with pay, for the purpose of attending the summer session at the University of Chicago.

4. Associate Dean H. F. Fletcher, of the College of Liberal Arts and Sciences, sick leave with full pay for one month from January 24, 1938, or until such prior time as he is able to return to his duties.

5. Professor M. L. Hansen, of the Department of History, leave of absence during the second semester of 1937-1938 (or from January 7 to July 1, 1938) with full pay on account of illness. The Department will carry his work during this time without additional expense to the University.

6. Dr. Robbie N. Brunner, Associate in Anaesthesia, College of Medicine, leave of absence from February 1 to June 15, 1938, without pay, for the purpose of study. This is in addition to the sick leave with full pay from November 6, 1937, to February 1, 1938, approved by the Board at its last meeting.

On motion of Mr. Adams, the action of the President of the University in granting these leaves was confirmed.

LEAVE OF ABSENCE FOR DEAN H. W. MUMFORD

(10) At the meeting of the Board on January 20, 1938, I submitted a recommendation that Dean H. W. Mumford be given a leave of absence for one year with full pay in recognition of his long period of service, during which time he has never taken a sabbatical leave of absence. In my presentation I stated that Dean Mumford will be due to retire September 1, 1938, and I recommended that he be given the year's leave of absence, with full service pay, following his retirement. Dean Mumford will not be due to retire until September 1, 1939. The leave of absence may be granted him during the last year of his active service or during the year immediately following his retirement. The Board has already authorized a year's leave of absence with full pay for Dean Mumford, but I recommend that:

1. The Secretary of the Board be authorized to amend the record of the meeting of January 20 to show that Dean Mumford will be due to retire September 1, 1939; and

2. The President of the University be authorized to arrange with Dean Mumford the time of his leave, this to be either the academic year 1938-1939 or 1939-1940, whichever arrangement will best serve the interests of the University, and to report back to the Board.

On motion of Mr. Moschel, authority was granted as recommended.

RETIREMENT OF MISS EMMA ACHENBACH

(11) A recommendation that Miss Emma Achenbach, an employee in the Physical Plant Department (in the Women's Residence Halls) be retired effective March 1, 1938, with a retiring allowance of \$559 to which she is entitled under the University Statutes and in accordance with the terms of her employment.

Miss Achenbach has been in the service of the University since September 1, 1921. She was due to retire September 1, 1937, but has been carried in active service since that time. Other provisions have now been made for her work so that she can be retired effective March 1.

On motion of Mrs. Freeman, this retirement was authorized as recommended.

REPORT OF DEATH BENEFIT PAID

(12) The report of the death on January 31, 1938, of Mr. C. A. Dunseth, a retired employee of the Physical Plant Department who was in the active service of the University from August 15, 1910, until his retirement September 1, 1927. The Comptroller has paid his designated beneficiary the sum of \$438.50, which was the death benefit payable under the University Statutes and the terms of Mr. Dunseth's employment.

This report was received for record.

ADJUSTMENTS IN THE BUDGET OF THE ATHLETIC ASSOCIATION

(13) A report that the Board of Directors of the Athletic Association has made an assignment of \$2,200 from its Reserve Fund for the purchase of knockdown bleachers as replacements for old bleachers of this type.

On motion of Mr. Moschel, this adjustment was approved.

APPROPRIATION TO COLLEGE OF ENGINEERING

(14) The Board of Trustees on November 10, 1937, authorized a change in the name of the Materials Testing Laboratory to the "Arthur Newell Talbot Laboratory." The formal announcement of this change is to be made at a convocation honoring Professor Talbot to be held in April.

The Dean of the College of Engineering requests a special appropriation of \$650 to defray certain expenses incidental to changing the name of the building. These will include recarving the stone panels on the building, installation of a bronze tablet in the building, and incidental expenses.

On motion of Mrs. Freeman, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

APPROPRIATION TO COLLEGE OF AGRICULTURE

(15) The Board of Trustees on November 10, 1937, authorized the observance of the fiftieth anniversary of the Agricultural Experiment Station to be held in the spring of 1938 but no appropriation was made at that time. It is estimated that the expense of this observance will be \$2,500. This will include the publication of a report reviewing the most important work of the Station during its fifty years of service, the expense of an evening dinner for out-of-town guests, an honorarium for the principal speaker, and incidental expenses. The cost of publishing the report, which is the largest item of expense, can be deferred until the next fiscal year, and it is also possible that Federal funds may be available to defray a part of this cost. For the present year a special appropriation of \$1,000 is requested by the Dean and Director and I recommend this assignment be made from the General Reserve Fund.

On motion of Mr. Moschel, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

CHANGE IN STATUS OF UNIVERSITY GOLF CLUB

(16) A recommendation that the Athletic Association be authorized to take over the management and maintenance of the University Golf Course and that the provision in the University Statutes relating to this activity be amended to read as follows:

(a) The Athletic Association is authorized to lay out and maintain a golf course on the premises of the University, including the South Campus and the Experiment Station grounds; subject, however, to the approval of the Director of the Physical Plant Department as to the location on the Campus, and to that of the Director of the Experiment Station as to the location on the Experiment Station premises.

(b) The use of the course by students, members of the faculty, and the general public is conditioned on the establishment and maintenance of rules approved by the Athletic Association, which rules shall include a penalty of withdrawal of the privileges of the course and forfeiture of all rights thereto for trespass on Experiment Station property.

I further recommend that the University Golf Club be authorized to transfer all moneys and other property belonging to it to the Athletic Association.

On motion of Mrs. Freeman, this transfer was authorized and the rules were amended as recommended.

RESOLUTION OF ILLINOIS GUERNSEY BREEDERS' ASSOCIATION

(17) The Illinois Guernsey Breeders' Association at its annual meeting held on January 13 adopted the following resolution addressed to the Board of Trustees of the University:

Resolved: That the Illinois Guernsey Breeders' Association request the University of Illinois Board of Trustees to provide a fund of Ten Thousand Dollars, to be used by the Dairy Department for the purchase of Foundation breeding animals needed in the improvement of their Dairy Herds.

This resolution was received for further consideration.

PURCHASES RECOMMENDED

(18) A recommendation that the following purchases be authorized:

1. 28,000 feet of lumber, consisting of red oak, birch, redwood, and white pine, for the Physical Plant Department from the Missouri Hardwood Lumber Company, Kansas City, Missouri, the lowest bidder, at a price of \$3,084.75.

2. One Lodge & Shipley engine lathe, 20-inch, with attachments, remanufactured, for the Physical Plant Department from the Hill-Clarke Machinery Company, Chicago, at a price of \$1,905.50 f.o.b. Chicago. This lathe has been examined by a representative of the Department and found to be in good condition. A similar new lathe would cost about \$2,500.

3. Rental of caps and gowns, 1938 Commencement exercises, from Bresee Brothers, Champaign, the lowest bidder, at an approximate total cost of \$1,522.35. A graduation fee is charged all students who are to receive degrees and this fee includes among other costs the rental of academic costume.

On motion of Mr. Moschel, these purchases were authorized as recommended.

PURCHASES AUTHORIZED

(19) The following report of the purchase authorized by the President of the University since the last report, of one carload (400 cartons) paper towels (size 11" by 15") from the Illini Chemical Company, Champaign, the lowest bidder, at a price of \$3.44 a carton (estimated total \$1,376.00).

On motion of Mr. Pogue, the action of the President of the University in authorizing this purchase was confirmed.

GIFTS TO THE UNIVERSITY

(20) A report of the following gifts received by the University since the last report was received by the Board:

1. The American Legion Auxiliary, Department of Illinois, a cash prize of \$50 to be awarded to the candidate in the first year (junior) of the advanced course of the R.O.T.C. who has been the outstanding competitor in the inter-unit varsity and freshman small-bore rifle matches and who has contributed most to the success of his teams during his previous three years in the R.O.T.C. The award will be paid to the University and credited to the account of the cadet selected as partial payment of University fees and other charges, and any unused balance shall be paid to the cadet. The regulations confirming the selection are to be prescribed by the Professor of Military Science and Tactics.

2. Certain objects of art from Miss Carolyn Wicker, 72 East Eleventh Street, Chicago, to the Museum of European Culture.

Standing gilded wood figure.

Amida, the Buddha of Boundless Light.

Late Tokugawa Period (18th-19th) 1603-1867. Japan.

Pair of bronze guardian lions, eighteenth century or later from Burma.

Seal ring of gilt bronze and enamelled decorations with concealed receptacle.

3. The Sangamo Electric Company, Springfield, Illinois, one No. 3-6101-D, 115-volt 60-cycle flasher valued at \$7.48 to the College of Agriculture.

4. The Studebaker Corporation, South Bend, Indiana, one hydraulic brake of the latest type used on Studebaker cars, to the Department of Mechanical Engineering.

5. Mr. M. L. Willis, Manager of the Western Union Telegraph Company, Champaign, Illinois, one undulator (a tape-writing instrument used for registering low frequency "brain waves" and similar phenomena) to the Department of Psychology.

This report was received for record.

INVESTMENT OF ENDOWMENT FUNDS

At this point, Mr. Moschel, for the Finance Committee, presented a recommendation that the Finance Committee be authorized, in its discretion, to sell

\$10,000 Pennsylvania Power and Light Company First,
4½%, 1981

\$ 9,000 Texas Power and Light Company 5%, 1956

and to purchase

\$ 5,000 California Water Service First, 4%, 1961, approximate
price 99

\$ 5,000 Bethlehem Steel Purchase Money 6%, 1998, at about
130

\$ 5,000 Chicago District Electric Generating Company First,
4½%, 1970, at about 105

On motion of Mr. Moschel, this authority was granted as recommended.

FEATURE ARTICLE IN CHICAGO SUNDAY TRIBUNE

At this point, Mrs. Plumb called attention to a misleading and inaccurate feature article in the Chicago Sunday Tribune of February 6, 1938.

The President of the University made a statement and presented

a letter he had written to Colonel R. R. McCormick concerning this matter.

On motion of Mr. Pogue, the Board gave full accord and approval to the action and letter of the President of the University.

DATE OF ANNUAL MEETING

The Board set the date of the annual meeting as Friday, March 18, 1938, in Chicago.

RESIGNATIONS

The Secretary presented for record the following list of resignations.

Campbell, J. D., Assistant in Mathematics—resignation effective February 1, 1938.

Cleveland, E. A., Assistant in Chemistry—resignation effective February 1, 1938.

Day, Ernest C., Assistant in Surgery, in the College of Medicine—resignation effective February 1, 1938.

Dillow, Konrad C., Fellow in Education—resignation effective February 1, 1938.

Edwards, Maxwell, Assistant in English—resignation effective February 1, 1938.

Simmons, Mrs. Beatrice S., Stenographer in the Office of the Dean of the College of Education—resignation effective at noon, February 16, 1938.

Theimer, Mary E., Physiotherapist in the Department of Orthopaedics, in the College of Medicine—resignation effective February 8, 1938.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Agnew, T. L., Assistant in History, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (January 21, 1938)¹

Alexander, Mrs. Leona, Stenographer in the Department of Economics, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Ames, Alfred C., Assistant in English, on two-thirds time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety-eight dollars thirty cents (\$98.30) a month (this supersedes his previous appointment). (February 2, 1938)

Anderson, John, Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 25, 1938)

Bailey, L. E., Laboratory Helper in the Chemistry Department, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 29, 1938)

Barnes, Broda O., Instructor in Medicine, in the College of Medicine, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 2, 1938)

Birky, Carl William, Assistant in Sociology, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 28, 1938)

Bolin, Oren Edgar, Associate in Plant Genetics, in the Department of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station, for seven months beginning February 1, 1938, at a cash compensation at the rate of two thousand dollars (\$2,000) a year (this supersedes his previous appointment). (February 1, 1938)

Bone, Robert G., Instructor in History, on one-half time, and Counselor in the Personnel Bureau, on one-half time, for five months beginning February 1, 1938,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

at a cash compensation at the rate of two hundred twenty dollars (\$220) a month (this supersedes his previous appointment). (February 4, 1938)

Borden, John V., Assistant in Histology, in the College of Dentistry, beginning February 7, 1938, and continuing through June 10, 1938, with exemption from tuition and laboratory fees for the second semester of 1937-1938. (February 2, 1938)

Brighthouse, Gilbert, Instructor in Psychology, on one-half time, and Counselor in the Personnel Bureau, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of two hundred forty dollars (\$240) a month (this supersedes his previous appointment). (February 4, 1938)

Brown, Mary Ellen, Stenographer in the Bureau of Institutional Research, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (February 3, 1938)

Bruner, David K., Assistant in English, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 2, 1938)

Bushart, R. R., Assistant in Romance Languages, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 4, 1938)

Cavanaugh, Marie, Stenographer in the Department of Agricultural Engineering, in the College of Agriculture, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 4, 1938)

Chase, Mrs. Stephanie P., Stenographer and Clerk in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (January 27, 1938)

Clancy, Margaret C., Clerk in the Department of Dairy Husbandry, in the College of Agriculture, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 7, 1938)

Clements, Mrs. Ruth, Stenographer in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of eighty-seven dollars fifty cents (\$87.50) a month (this supersedes her previous appointment). (January 27, 1938)

Compton, Warren Eugene, Instructor in Mechanical Engineering, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (February 3, 1938)

Day, Herbert Summerfield, Assistant in Sociology, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 28, 1938)

Edwards, Irvin Fred, Assistant in Animal Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 7, 1938)

Eleman, Mrs. Alberta, Stenographer in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of eighty dollars (\$80) a month. (January 27, 1938)

Fisher, Edward, Assistant in English, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 9, 1938)

Flores, Joseph S., Assistant in Romance Languages, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 4, 1938)

Fritzen, Dorothy, Library Clerk in the Order Department of the Library, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 29, 1938)

Giffin, Roscoe R., Assistant in the Bureau of Business Research, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 31, 1938)

Gillett, Theresa, Cataloger in the Library, for six months beginning March 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand seven hundred dollars (\$1,700) a year (this supersedes her previous appointment). (February 11, 1938)

Grace, Charles Theron, Instructor in Mechanical Engineering, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (February 4, 1938)

Hanson, Mrs. Mary C., Stenographer in the Department of Dairy Husbandry, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 7, 1938)

Hartsook, John, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Henderson, Melvin, Associate in Vocational Agriculture, in the College of Agriculture, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (this supersedes his previous appointment). (January 31, 1938)

Hughes, E. M., Associate in Farm Management, in the College of Agriculture and in the Agricultural Experiment Station, for five months beginning February 1, 1938, at a cash compensation at the rate of two thousand six hundred dollars (\$2,600) a year. (January 27, 1938)

Johnson, Helen, Stenographer and Clerk in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 27, 1938)

Kell, R. W., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1938, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 9, 1938)

Kinney, Mary R., Instructor in Library Science, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month (this supersedes her previous appointment). (January 26, 1938)

Knight, R. B., Special Research Graduate Assistant in Mechanical Engineering, in the Engineering Experiment Station, on one-half time, beginning February 1, 1938, and continuing through January 31, 1939, not including July and August 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 9, 1938)

Lane, Dorothy, Stenographer in the Extension Service in Agriculture and Home Economics, for six months beginning March 1, 1938, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 11, 1938)

Langdon, W. M., Assistant in Chemistry, on one-third time, for five months beginning February 1, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (January 25, 1938)

Larsh, Howard W., Assistant in Botany, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 25, 1938)

Larson, Bernt Oscar, Assistant in General Engineering Drawing, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 3, 1938)

LaSage, Laurence, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Lewis, John Wilson, Assistant in English, on two-thirds time, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 2, 1938)

Little, Mrs. Madge, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 26, 1938)

Pask, Joseph A., Assistant in Ceramic Engineering, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month (this supersedes his previous appointment). (February 11, 1938)

Patton, Frances, Stenographer in the Office of the Dean of the College of Education, on three-fifths time, and Stenographer in the Office of the Director of the

Summer Session, on two-fifths time, beginning at noon, February 16, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month (this supersedes her previous appointment). (February 11, 1938)

Pepper, Echo D., Associate in Mathematics, on three-fourths time, and Counselor in the Personnel Bureau, on one-fourth time, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred forty-nine dollars forty cents (\$249.40) a month (this supersedes her previous appointment). (February 4, 1938)

Reamer, Owen Jordan, Assistant in English, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 2, 1938)

Reb, Christine Lenore, Assistant in Library Science, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty-five dollars (\$65) a month. (January 26, 1938)

Reed, Cordelia, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Reich, Emily Evalyn, Assistant in Library Science, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month (this is in addition to her appointment as Library Assistant in the Education Reading Room of the Library). (January 25, 1938)

Riecken, Frank Frederick, First Assistant in Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, for seven months beginning February 1, 1938, at a cash compensation at the rate of two thousand two hundred dollars (\$2,200) a year. (January 31, 1938)

Rifle, Lois Lucile, Assistant in Library Science, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty-five dollars (\$65) a month. (January 26, 1938)

Robinson, J. V., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 25, 1938)

Rohde, Carl, Special Research Graduate Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 7, 1938)

Rosaldo, Renato, Assistant in Romance Languages, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 4, 1938)

Schmutzler, Ruth, Stenographer and Clerk in the Department of Botany, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand three hundred dollars (\$1,300) a year. (February 3, 1938)

Snyder, Roy Kenneth, Special Research Assistant in the College of Pharmacy, beginning January 1, 1938, and continuing until June 15, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 2, 1938)

Spence, R. W., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 25, 1938)

Stansifer, Mary, Home Adviser at Large, in the Extension Service in Agriculture and Home Economics, beginning February 7, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (January 28, 1938)

Templeman, W. D., Assistant Professor of English, on two-thirds time, and Counselor in the Personnel Bureau, on one-third time, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred forty-six dollars ninety cents (\$246.90) a month (this supersedes his previous appointment). (February 4, 1938)

Templeton, W. C., Jr., Assistant in Crop Production, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for seven months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 2, 1938)

Thomas, W. F., Assistant in Psychology, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes his previous appointment). (February 9, 1938)

Walton, Mrs. Louise, Typist in the Department of Dairy Husbandry, in the College of Agriculture, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (February 7, 1938)

Witte, Michael, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (January 25, 1938)

Wood, William G., Assistant in History, on one-half time, beginning February 3, 1938, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 7, 1938)

Zaborowski, Robert, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 3, 1938)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

O. M. KARRAKER
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 18, 1938



The annual meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, March 18, 1938.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and, during part of the day, Mr. Frank M. Gordon, Treasurer, Mr. Lloyd Morey, Comptroller, and Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 11, 1938.

On motion of Mr. Moschel, the minutes were approved as printed on pages 619 to 640 above.

VOTE OF THANKS

On motion of Mr. Cleary, seconded by Mr. Adams, a vote of thanks was extended to the retiring officers of the Board for their efficient and pleasant conduct of the business of the Board during the year.

ELECTION OF OFFICERS

On motion of Mr. Pogue, Mr. Moschel was elected Chairman of the meeting for the election of a President of the Board.

MR. OSCAR G. MAYER ELECTED PRESIDENT OF THE BOARD

Dr. Meyer nominated Mr. Oscar G. Mayer for the office of President of the Board for the ensuing year.

On motion of Mr. Pogue, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Mayer as President. The ballot was cast, and Mr. Mayer was declared elected President of the Board, and he took the chair.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On motion of Mr. Karraker, Mr. Harrison E. Cunningham, of Urbana, was elected Secretary of the Board for one year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On motion of Mr. Pogue, Professor Lloyd Morey, of Urbana, was elected Comptroller for one year.

EXECUTIVE COMMITTEE ELECTED

Mr. Cleary nominated Dr. Karl A. Meyer, and Mr. Moschel nominated Mr. Orville M. Karraker, to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Mr. Pogue, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Dr. Meyer and Mr. Karraker as members of the Executive Committee. The ballot was cast, and Dr. Meyer and Mr. Karraker were declared elected.

AUTHORITY TO RECEIVE MONEY

On motion of Mr. Karraker, the following resolution was adopted:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois.

DELEGATION OF SIGNATURES

On motion of Mr. Moschel, the following resolution was adopted:

Resolved, that the President and Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, and to C. C. DeLong, authority to sign his name as President of the Board of Trustees to vouchers against the State Auditor; and

to delegate to C. A. Webber, and to H. A. Hazleton, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to H. C. Oesterling, to Anna L. Neuber, and to Maude Archdeacon, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board.

Resolved, that The First National Bank of Chicago as a designated depository of Frank M. Gordon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of any two of the following: Oscar G. Mayer, President, and H. E. Cunningham, Secretary; and The First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with The First National Bank of Chicago by the Secretary or other officer of this corporation.

Resolved, further, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and the Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

BOND OF TREASURER AND DEPOSIT OF COLLATERAL

On motion of Mr. Moschel, the following resolution was adopted:

Resolved:

1. That Section 4 of the action of the Board concerning the Treasurer on February 6, 1932 (Minutes, pages 512-13), be amended to rescind that part of the section requiring that the Treasurer secure collateral from the depositories selected by him;

2. That the Treasurer and the Comptroller be authorized and directed to permit the withdrawal of securities now held as collateral for the deposit in The First National Bank of Chicago;

3. That the Finance Committee be authorized and directed to increase or decrease the amount of bond of the Treasurer, so that the bond will at all times satisfactorily cover the amount for which he is accountable;

4. That the Comptroller be directed to advise the Finance Committee from time to time as to the amount of University funds on deposit and the amount of bond necessary to adequately cover such deposit.

STANDING COMMITTEES

In accordance with the By-Laws, the standing committees, appointed by President Mayer on March 18, 1938, are printed here.

Finance: ORVILLE M. KARRAKER, Chairman, KARL A. MEYER, LOUIS C. MOSCHEL.

Buildings and Grounds: HOMER MAT ADAMS, Chairman, LOUIS C. MOSCHEL, ORVILLE M. KARRAKER, MRS. NELLIE V. FREEMAN, HAROLD A. POGUE.

Sub-Committee on Landscaping: MRS. NELLIE V. FREEMAN, Chairman, HOMER MAT ADAMS, MRS. GLENN E. PLUMB.

General Policy: JAMES M. CLEARY, Chairman, KARL A. MEYER, ORVILLE M. KARRAKER.

Patents: HAROLD A. POGUE, Chairman, LOUIS C. MOSCHEL, MRS. GLENN E. PLUMB.

Chicago Departments: MRS. GLENN E. PLUMB, Chairman, KARL A. MEYER, JAMES M. CLEARY.

Affiliated Student Activities: MRS. NELLIE V. FREEMAN, Chairman, HOMER MAT ADAMS, MRS. GLENN E. PLUMB.

Student Welfare: KARL A. MEYER, Chairman, HAROLD A. POGUE, LOUIS C. MOSCHEL.

Alumni: LOUIS C. MOSCHEL, Chairman, JAMES M. CLEARY, HAROLD A. POGUE.

Agriculture: HAROLD A. POGUE, Chairman, ORVILLE M. KARRAKER, Mrs. NELLIE V. FREEMAN.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

REVOCATION OF C.P.A. CERTIFICATE OF PAYSOFF TINKOFF

(1) Pursuant to the instructions of the Board at its meeting on July 16, 1937 (Minutes, page 320), the Committee on Accountancy held a hearing on the formal complaint of the Illinois Society of Certified Public Accountants against Mr. Paysoff Tinkoff, holder of Illinois Certified Public Accountant Certificate No. 466, issued in 1923, and submits the following report and recommendation:

REPORT OF THE COMMITTEE ON ACCOUNTANCY IN THE MATTER OF THE COMPLAINT OF THE ILLINOIS SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS AGAINST PAYSOFF TINKOFF

On July 2, 1937, there was filed with the University of Illinois through its Committee on Accountancy, by the Illinois Society of Certified Public Accountants, a corporation, hereinafter referred to as the complainant, a complaint asking that the Certificate of Certified Public Accountant No. 466, which, in 1923, had been issued by the University of Illinois to Paysoff Tinkoff, hereinafter referred to as the respondent, be revoked. The complaint charged the respondent with unprofessional conduct in that:

(1) On June 15, 1934, the respondent, Paysoff Tinkoff, was convicted of certain violations of the Income Tax Laws of the United States, in the District Court of the United States for the Northern District of Illinois, Eastern Division, and that sentence and judgment were passed upon the respondent on July 30, 1934, and that said judgment had become final; and that

(2) On June 9, 1937, the Supreme Court of Illinois, on an information to disbar said Paysoff Tinkoff, entered an order forever disbaring said Paysoff Tinkoff from the practice of law in any of the courts of the State of Illinois.

On September 8, 1937, the complainant filed an amendment to its complaint, charging that a motion for a preliminary injunction, made by this respondent in the Supreme Court of the District of Columbia, to restrain Andrew W. Mellon, Secretary of the Treasury of the United States, from enforcing an order suspending said Paysoff Tinkoff from practicing before the Treasury Department of the United States, on November 24, 1930, was denied and that said order had become final.

On July 3, 1937, the Committee on Accountancy transmitted said complaint to A. C. Willard, President of the University of Illinois. On July 20, 1937, the University of Illinois, through its Board of Trustees, authorized and directed the Committee on Accountancy, consisting of the undersigned, to hold a hearing on this complaint and to make a report with recommendations for action to the University of Illinois.

Pursuant to such authorization and direction, the Committee fixed the time and place of the hearing for Friday, November 12, 1937, at 10 a.m. in Room 7, Third Floor, Palmer House, Chicago, Illinois. A copy of the complaint of the Illinois Society and of the amendment thereto and a notice of the time and place of the hearing thereon were duly and personally served upon the respondent, Paysoff Tinkoff, on October 5, 1937.

Respondent, by his attorney, Julius Rieger, on November 6, 1937, entered his general appearance in the matter and asked for a continuance. The Committee continued the hearing to 10 a.m. November 19, 1937, to convene at the place designated in the original notice. On November 19, 1937, the hearing was begun. The complainant appeared by its attorney, Matthew Mills, of the firm of Defrees, Buckingham, Jones and Hoffman, and the respondent appeared in

person, and later in the course of the hearing, also by his attorney Tyrrell A. Richardson. The respondent raised the question of the jurisdiction of the Committee to hold the hearing, asked for leave to withdraw his general appearance and for leave to enter a special appearance, objected to the giving of testimony of witnesses tendered by complainant, objected to the admissibility of documents offered by complainant, and raised the question of the constitutionality of the section of the Illinois statute under which the hearing was being held, all of which objections were overruled and are hereby reported to the University of Illinois. Respondent asked for leave to file an answer and, leave having been granted, he filed a general answer, which is a part of the record in this matter. During the hearing the respondent actively participated in the proceedings by the cross examination of witnesses.

At the conclusion of the session, and on agreement of all interested parties, the hearing was continued to December 10, 1937. On December 2, 1937, respondent moved for a further continuance which motion was denied. On December 7, 1937, respondent again moved for a continuance, which motion was denied. On December 9 an amended motion for a continuance was made by respondent, which motion was likewise denied. On December 10 the hearing reconvened. Complainant appeared by its counsel. Respondent did not appear either by counsel or in person. At the opening of the hearing a notice was served upon the Committee and Counsel for complainant, stating that the respondent would, on that day, December 10, 1937, apply for a temporary injunction in the Circuit Court of Cook County, to restrain defendants from continuing the hearing. Further exhibits offered by complainant were admitted into evidence and the hearing adjourned.

The duly authenticated documents and testimony admitted into evidence support the allegations of the complaint. A duly authenticated copy of the indictment against the respondent and another person, consisted of six (6) counts. The first count charged that respondent, "on July 15, 1929, unlawfully and feloniously did then and there wilfully attempt to defeat and evade a large part, to wit \$130,767.96, of a tax imposed by an Act of Congress approved May 29, 1928 . . . known as the Revenue Act of 1928, and the payment thereof on the consolidated net income of the W. J. Newman Company, a corporation, and the W. J. Newman Wrecking Company, a corporation." The second count charged that the respondent and another person, "on September 16, 1929, unlawfully and feloniously did then and there wilfully attempt to defeat and evade an income tax of, to wit, \$87,706.87, imposed by an Act of Congress approved May 29, 1928 . . . known as the Revenue Act of 1928, and the payment thereof on the net income of William J. Newman." The verdict of the jury dated June 15, 1934, found "the defendant Paysoff Tinkoff guilty on counts one and two of the indictment." On July 30, 1934, motion for new trial was overruled and defendant Tinkoff was sentenced to serve a period of eighteen months in a United States Penitentiary. The Circuit Court of Appeals of the Seventh Circuit upheld this judgment (See *Tinkoff v. United States*, Oct. 16, 1936, Rehearing denied Jan. 15, 1937, 86 F. (2d) 868, the opinion therein being attached as an appendix to this report) and a petition for Certiorari to the Supreme Court of the United States filed by said Paysoff Tinkoff to review said judgment, was denied on May 3, 1937.

The evidence further shows that respondent was disbarred from practicing before the Treasury Department of the United States. Hearings began in May 1929 and final order of disbarment was entered on August 29, 1930. Respondent's motion in the District Court of the United States for the District of Columbia for a preliminary injunction to restrain the enforcement of the order of his disbarment, was denied, the order of denial being filed January 6, 1931, as of November 24, 1930. From the opinion of the Court in this case it appears that one of the grounds on which the respondent was disbarred was that of unprofessional conduct consisting of the alteration of a bond for \$458.64 to \$527.80 without the knowledge or approval of the principal or surety. From the same opinion it also appears that the Secretary of the Treasury found that the respondent was guilty of preparing a false and fraudulent return for one John Griffiths for the year 1925 and that the false item in the return consisted in the claim of a bad debt of \$40,000. Respondent's petition for a writ of

Certiorari to the Court of Appeals for the District of Columbia, to review said order was denied March 23, 1931.

The evidence further shows that on June 9, 1937, the Supreme Court of Illinois entered an order striking the name of respondent Tinkoff from the rolls of attorneys of this State.

The rules of professional conduct of the American Institute of Accountants and of the Illinois Society of Certified Public Accountants were received in evidence.

In short, this respondent, a Certified Public Accountant, certified by the University of Illinois has been found guilty by a criminal court of criminal offenses of such a nature as are peculiarly reprehensible in a public accountant because the crimes were committed in the very services which, as a public accountant, he was employed to render. The Treasury Department of the United States found him guilty of other offenses of like nature. The respondent was not only a member of the accountancy profession, holding the certificate of Certified Public Accountant, but was also a member of the Bar of this State. If any one should have appreciated fully the nature of the responsibility which rests upon public accountants, this respondent should. Under any reasonable standard of professional conduct, this respondent is guilty of a gross violation thereof and his certificate as a Certified Public Accountant, should be revoked.

The respondent has not seen fit, though given ample opportunity to do so, to submit argument, either oral or written, in support of any of his objections, all of which, in the opinion of the Committee, were without merit. Respondent was given a continuance of one week from the date originally fixed for the beginning of the hearing. After the conclusion of the first session of the hearing, the hearing was continued, at the respondent's request, from November 19 to December 10, 1937. As the time approached for the resumption of the hearing, the Committee was importuned by motions of respondent for further continuances. These motions, with their supporting affidavits, were carefully considered by the Committee in the light of the interests of all parties concerned and were denied and respondent duly notified thereof. Upon the resumption of the hearing on December 10, respondent made no appearance before the Committee, but on said day the respondent made a motion in the Circuit Court of Cook County for a preliminary injunction to restrain the Committee from proceeding with the hearing. No restraining order, however, has been served on this Committee or any member thereof.

From all the evidence in the matter submitted to the Committee on Accountancy, the transcript of which proceedings and exhibits adduced are submitted herewith and made a part of this report, the Committee finds:

(1) That for the purposes of this proceeding, it had jurisdiction of the subject matter thereof and of the person of the respondent; and that

(2) The said respondent was guilty of unprofessional conduct within the meaning of Section 5 of "An Act to Regulate the Profession of Public Accountants," approved May 15, 1903, as amended.

The Committee recommends that respondent's certificate of Certified Public Accountant No. 466 issued by the University of Illinois in 1923 be revoked and that his name be stricken from the rolls of accountants certified by the University of Illinois.

Committee on Accountancy { WILLIAM E. BRITTON
G. P. TUTTLE
H. M. GRAY

A transcript of the record of the hearing before the Committee on this case and all exhibits received in evidence were likewise submitted and were given to the Secretary of the Board for safe keeping.

On motion of Mr. Karraker, this matter was referred to the Committee on General Policy for consideration and report.

SPECIAL STATE APPROPRIATION FOR EMERGENCY BUILDING PROGRAM

(2) Pursuant to the instructions of the Board at its meeting on February 11, 1938 (Minutes, page 628), I wrote the Governor formally presenting to him the building problem created by the closing of University Hall and requested

that he consider including in the call for a special session of the General Assembly an appropriation for a new building to relieve the situation. Following this up, the President of the Board and I had an interview with him on March 3, 1938, at which we discussed the situation in detail. The Governor visited the University on March 10, personally inspecting University Hall and other buildings. At the conclusion of his visit he expressed his agreement with the decision of the Board of Trustees to raze University Hall and stated further that if a special session of the General Assembly is called he will recommend an appropriation for a new building.

It is important that plans for a new building or buildings be prepared as soon as possible so that they will be ready when and if a special building appropriation becomes available. Before building studies can be undertaken it is necessary to know what type of building is desired (that is, a classroom and office type or a laboratory building), whether one large building or two smaller ones should be erected, and the location thereof. I therefore recommend that the Board consider these questions today so that decisions can be made and instructions given to the Physical Plant Department without undue delay.

On motion of Mr. Adams, the Physical Plant Department was authorized and instructed to make studies of a building for classrooms and offices to be located on the site south of Lincoln Hall.

RAZING OF UNIVERSITY HALL

(3) Pursuant to the instructions of the Board at its meeting on February 11 (Minutes, page 627), the Physical Plant Department secured bids on the removal of University Hall. The contract was awarded to the lowest bidder, the J. M. Krauss Lumber and Wrecking Company of Chicago, on its base bid and alternate of \$2,599 to be paid to the contractor for the work.

The contract requires the company to raze the building and to remove from the premises all debris not later than May 1, 1938, although some extension of this time may be necessary due to conditions over which the contractor has no control. The University is to fill the excavation and grade the area.

The wrecking of the building was delayed from March 7 to March 10, 1938, inclusive, at the request of the University, so that the contractor may claim four days at \$65 a day, or \$260, for additional expenses incurred, plus an extension of four days time beyond May 1, 1938, for completion of the contract.

This report was received for record.

The matter of constructing of a small-scale model of University Hall was referred to the Committee on Buildings and Grounds for consideration and report.

REPLACEMENT OF SEATING AND FLOOR IN AUDITORIUM

(4) Pursuant to instructions of the Board on February 11 (Minutes, page 628), the Physical Plant Department received bids on seating to replace the old seats in the University Auditorium. The best proposal—quality, design, and price considered—was from the American Seating Company, although another manufacturer submitted a slightly lower bid. The base bid of the American Seating Company was \$14,401, or a unit price of \$6.81 a chair; that of the lowest bidder was \$14,338, or \$6.79 a chair. On recommendation of the Physical Plant Department and after consultation with the Chairman of the Committee on Buildings and Grounds, the contract was awarded to the American Seating Company because of the following advantages its seat has over that submitted by the lowest bidder: (1) additional clearance between rows of 3 inches due to seat returning to vertical position; (2) better workmanship and construction in seat; (3) better design of seat back; (4) adjustable pitch of seat back renders better vision for balcony seats; (5) a more comfortable seat; (6) better construction of aisle light; (7) heavier end castings.

The Board had also considered the replacement of the main floor of the Auditorium. If the new seats are fastened to the present floor it will be impossible to adjust them later to a different curvature. The present floor is unsatis-

factory because of (1) fire hazard, (2) undesirable seating arrangement, resulting in poor vision in many seats, and (3) the elevations at the rear of the floor result in a series of steps at all entrances, which is contrary to building codes. The Physical Plant Department recommended that the present wood floor be replaced with a permanent concrete floor, that the seats be constructed to a curvature which will represent the permanent contour of the floor, and that the main floor and balcony be covered with linoleum. It was possible to do this within the appropriation made by the Board because of the very low price secured on seating due to seasonal competition and general business conditions. Consequently, after consultation with the Chairman of the Committee on Buildings and Grounds, the Director of the Physical Plant Department was instructed to proceed with the construction of the new concrete floor and linoleum covering for the main floor and balcony.

On motion of Mr. Adams, this report was received for record and the action of the President of the University was approved and confirmed.

APPOINTMENTS TO 1938 SUMMER SESSION STAFF

(5) A recommendation for the approval of the following appointments to the Summer Session Staff for 1938, the positions and salaries being indicated in each case; and a request that the President be authorized to make such adjustments in the Summer Session budget and such additional appointments as may be necessary. The work of teaching in the Summer Session is additional service not contemplated in the appointment of members of the teaching staff for service during the regular academic year, and it therefore necessitates additional compensation as shown in each case.

The Board of Trustees appropriated \$112,000 for salaries and other expenses for the Summer Session of 1937 and a similar appropriation was made for 1938. The salaries budget submitted herewith for the 1938 Summer Session totals \$107,822.07.

New Appointments to 1938 Summer Session

The Summer Session budget for 1938 includes recommendations for appointments of the following individuals who are not now members of the faculty:

NEILSON CAREL DEBEVOISE, Research Associate at the Oriental Institute of the University of Chicago, as Assistant Professor of History.

ROBERT C. ELDERFIELD, Associate Professor of Organic Chemistry at Columbia University, as Assistant Professor of Organic Chemistry.

HANS HEINRICH GERTH, Assistant to Professor Karl Mannheim, London School of Economics, as Assistant Professor of Sociology.

RUTH IRENE HOOVER, Director of Physical Education for Women at University of Kansas, as Assistant Professor of Physical Education for Women.

HELEN HOPKINS, Instructor in Physical Education at Iowa State College, as Instructor in Physical Education for Women.

ESTHER MCGINNIS, Professor of Family Life at the State Teachers College of Buffalo, N. Y., as Lecturer in Home Economics.

MRS. ELSIE HOWARD PINE, Associate Professor of Library Science at Kansas State Teachers College, as Instructor in Library Science.

ALFRED RUSSELL, Associate Professor of Organic Chemistry at the University of North Carolina, as Assistant Professor of Organic Chemistry.

THOMAS WOODY, Professor of Education, University of Pennsylvania, as Professor of Education.

MARY ELIZABETH SILVERTHORN, Assistant Professor of Library Science at Library School of Carnegie Institute of Technology, as Instructor in Library Science.

MABEL CLAIRE SMITH, Public Schools of Glencoe, Illinois, as Teacher in Charge of Demonstration School.

KATHERINE KIRTLEY WEED, Librarian, Mainland High School of Daytona Beach, Florida, as Assistant in Library Science.

ERVIN KENNETH ZINGLER, University Fellow, University of Illinois, as Assistant in Economics.

SUMMER SESSION SALARY BUDGET

ADMINISTRATION¹

E. H. Cameron, Director (1/10 time).....	\$750 00	
(Also Professor of Education)		
Lillian Hart, Executive Clerk (Exempt) (1/5 time)....	480 00	
Frances Patton, Stenographer (C. S.) (3/5 time).....	<u>500 00</u>	\$ 1 730 00

AGRICULTURE²*Agricultural Economics*

L. J. Norton, Professor (3/5 time).....	333 33	
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Agronomy

R. S. Smith, Professor (3/5 time).....	315 00	
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Animal Husbandry

T. S. Hamilton, Assistant Professor (3/5 time).....	<u>360 00</u>	1 008 33
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ART

E. J. Lake, Professor, Head of Department.....	700 00	
C. E. Bradbury, Associate Professor.....	641 67	
C. V. Donovan, Associate Professor.....	<u>541 67</u>	1 883 34

ASTRONOMY

R. H. Baker, Professor, Head of Department.....	745 83	745 83
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BACTERIOLOGY

G. I. Wallace, Assistant Professor, in charge.....	500 00	
O. F. Edwards, Instructor.....	300 00	
S. E. R. Donovick, Assistant (3/4 time).....	187 50	
E. M. Weber, Assistant (3/4 time).....	<u>187 50</u>	1 175 00

BOTANY

C. F. Hottes, Professor, Head of Department.....	900 00	
H. J. Fuller, Associate.....	450 00	
Oswald Tippo, Instructor.....	300 00	
Margaret Kaeiser, Assistant (3/5 time).....	<u>100 00</u>	1 750 00

BUSINESS ORGANIZATION AND OPERATION

Accountancy

H. T. Scovill, Professor, Head of Department (3/5 time)	540 00	
A. C. Littleton, Professor.....	833 33	
H. H. Baily, Associate Professor (1/2 time).....	308 33	
Assistant Professor.....	500 00	
W. F. Frese, Assistant Professor (3/5 time).....	270 00	
J. W. McMahan, Instructor.....	283 33	
H. E. Breen, Assistant (3/5 time).....	150 00	
Charles P. Slater, Assistant (3/5 time).....	<u>150 00</u>	3 034 99

Business Organization and Operation

P. D. Converse, Professor.....	783 33	
F. H. Beach, Assistant Professor (1/2 time).....	233 33	
M. J. Mandeville, Associate (3/5 time).....	250 00	
R. V. Mitchell, Assistant (3/5 time).....	150 00	
T. R. Hopkins, Jr., Assistant (3/5 time).....	<u>150 00</u>	1 566 66

Business Law

P. C. Roberts, Associate.....	350 00	350 00
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¹Included in regular appointments, not additional compensation.²Not in addition to regular appointments. Like amounts of regular salary to be released for replacement service.

CHEMISTRY

Inorganic Chemistry

L. F. Audrieth, Assistant Professor.....	500 00	
J. C. Bailar, Jr., Assistant Professor.....	550 00	
G. H. Reed, Associate.....	375 00	
D. G. Nicholson, Associate.....	366 67	
J. H. Billman, Instructor.....	333 33	2 125 00

Analytical Chemistry

J. H. Reedy, Associate Professor ($\frac{1}{2}$ time).....	316 67	
D. T. Englis, Associate Professor.....	583 33	
B. C. Marklein, Assistant ($\frac{1}{2}$ time).....	125 00	
P. G. Roach, Assistant ($\frac{1}{2}$ time).....	125 00	
W. J. Shannon, Assistant ($\frac{1}{2}$ time).....	125 00	
W. P. Tyler, Assistant ($\frac{1}{2}$ time).....	125 00	1 400 00

Organic Chemistry

C. S. Marvel, Professor ($\frac{1}{3}$ time).....	300 00	
(From Organic Chemical Mfgs. ($\frac{2}{3}$ time).....	600 00)	
(Total.....	900 00)	
R. C. Elderfield, Assistant Professor.....	650 00	
Alfred Russell, Assistant Professor.....	650 00	
H. R. Snyder, Instructor ($\frac{1}{10}$ time).....	33 33	
(From Organic Chemical Mfgs. ($\frac{9}{10}$ time).....	300 00)	
(Total.....	333 33)	
C. C. Price, III, Instructor.....	333 33	
M. B. Mueller, Assistant ($\frac{1}{2}$ time).....	125 00	
D. E. Pearson, Assistant ($\frac{1}{2}$ time).....	125 00	2 216 66

Physical Chemistry

M. J. Copley, Assistant Professor.....	500 00	
F. T. Wall, Instructor.....	333 33	
A. A. Johnson, Assistant ($\frac{1}{2}$ time).....	125 00	958 33

Biochemistry

H. E. Carter, Assistant Professor.....	433 33	
D. B. Melville, Assistant ($\frac{1}{2}$ time).....	125 00	558 33

Chemical Engineering

E. W. Comings, Assistant Professor.....	450 00	
R. W. Darbyshire, Assistant ($\frac{1}{2}$ time).....	125 00	575 00

CIVIL ENGINEERING

W. H. Rayner, Assistant Professor ($\frac{2}{3}$ time).....	341 11	341 11
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CLASSICS

W. A. Oldfather, Professor, Chairman of Department ($\frac{1}{5}$ time).....	180 00	
H. W. Kamp, Professor.....	600 00	
B. E. Perry, Associate Professor.....	673 00	
L. W. Daly, Visiting Professor ($\frac{3}{4}$ time).....	375 00	
R. P. Oliver, Assistant ($\frac{3}{4}$ time).....	187 50	2 015 50

ECONOMICS

E. L. Bogart, Professor, Head of Department.....	900 00	
F. E. Lee, Professor.....	875 00	
R. M. Nolen, Assistant Professor.....	583 33	
W. B. Lockling, Instructor.....	333 33	
P. G. Hudson, Assistant.....	250 00	
G. C. Losee, Assistant.....	250 00	
L. L. Waters, Assistant.....	250 00	
E. K. Zingler, Assistant.....	250 00	3 691 66

EDUCATION		
_____, Professor.....	900 00	
E. H. Cameron, Professor ($\frac{1}{2}$ time).....	450 00	
(Also Director, Summer Session)		
_____, Professor.....	900 00	
J. A. Clement, Professor.....	783 33	
_____, Professor.....	900 00	
G. B. Weisiger, Professor of Law ($\frac{1}{2}$ time).....	450 00	
(See also Law—total salary \$900)		
E. H. Reeder, Professor.....	750 00	
_____, Professor ($\frac{1}{2}$ time).....	416 67	
Thomas Woody, Professor.....	900 00	
B. O. Smith, Associate Professor.....	750 00	
O. F. Weber, Associate Professor.....	666 67	
_____, Assistant Professor.....	666 67	
E. F. Potthoff, Assistant Professor.....	583 33	
E. W. Dolch, Assistant Professor.....	466 67	
Mrs. Nell C. B. Johnston, Assistant Professor.....	516 67	
C. W. Sanford, Assistant Professor, Principal of University High School.....	633 33	
G. W. Reagan, Assistant Professor.....	516 67	
L. W. Williams, Instructor.....	533 33	
W. W. Peters, Instructor.....	500 00	
_____, Lecturer.....	800 00	
H. H. Anderson, Assistant Professor.....	500 00	
_____, Instructor.....	300 00	
L. P. Bradford, Assistant.....	300 00	
J. F. Karber, Assistant.....	320 00	
L. A. Astell, Teacher, University High School.....	358 33	
Mrs. Mabel R. Hagan, Teacher, University High School.....	316 67	
W. E. Harnish, Associate in Education, Head of Science Department, University High School.....	466 67	
Liesette J. McHarry, Associate, Head of Department of English, University High School.....	466 67	
William Habberton, Assistant Professor, Head of Department of Social Studies, University High School.....	558 33	
_____, Assistant in University High School ($\frac{1}{2}$ time).....	160 00	
Mabel C. Smith, Teacher in charge of Demonstration School.....	400 00	17 230 01
INDUSTRIAL EDUCATION ¹		
A. B. Mays, Professor.....	750 00	
A. F. Dodge, Assistant Professor.....	666 67	1 416 67
AGRICULTURAL EDUCATION ¹		
H. M. Hamlin, Professor.....	833 33	833 33
ELECTRICAL ENGINEERING		
H. J. Reich, Associate Professor ($\frac{1}{2}$ time).....	312 50	312 50
ENGLISH		
H. G. Paul, Professor.....	833 33	
H. S. V. Jones, Professor.....	833 33	
P. N. Landis, Associate Professor.....	666 67	
W. M. Parrish, Associate Professor.....	583 33	
A. W. Secord, Associate Professor.....	541 67	
_____, Associate Professor ($\frac{1}{2}$ time).....	450 00	
W. D. Templeman, Assistant Professor.....	436 67	
M. T. Herrick, Assistant Professor ($\frac{1}{2}$ time).....	250 00	
R. E. Haswell, Associate.....	375 00	
Severina E. Nelson, Instructor.....	350 00	

¹One-half to be refunded by Smith-Hughes.

C. W. Roberts, Instructor.....	300 00	
Brice Harris, Instructor.....	300 00	
Richard Moody, Assistant.....	258 33	
W. McNeil Lowry, Assistant.....	250 00	
T. H. Trimble, Assistant.....	<u>250 00</u>	6 678 33

ENTOMOLOGY

W. V. Balduf, Assistant Professor.....	566 67	
V. G. Milum, Assistant Professor.....	<u>496 67</u>	1 063 34

GENERAL ENGINEERING DRAWING

S. H. Pierce, Instructor.....	300 00	300 00
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GEOLOGY AND GEOGRAPHY

Geography

W. O. Blanchard, Professor.....	673 00	
J. L. Page, Assistant Professor.....	<u>483 33</u>	1 156 33

Geology

A. H. Sutton, Associate Professor.....	583 33	583 33
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GERMAN

C. A. Williams, Professor.....	691 66	
A. H. Koller, Assistant Professor.....	470 00	
R. T. Ittner, Instructor.....	333 33	
G. W. Dunnington, Assistant (1/3 time).....	83 33	
G. G. Schmalz, Assistant (1/3 time).....	<u>83 33</u>	1 661 65

HISTORY

T. C. Pease, Professor.....	875 00	
F. C. Dietz, Professor.....	750 00	
J. W. Swain, Professor.....	666 66	
F. S. Rodkey, Associate Professor.....	633 33	
Louise B. Dunbar, Assistant Professor.....	475 00	
R. P. Stearns, Assistant Professor.....	500 00	
N. C. Debevoise, Assistant Professor.....	500 00	
R. C. Werner, Assistant Professor.....	406 66	
E. L. Erickson, Associate.....	400 00	
Ameda R. King, Instructor.....	<u>300 00</u>	5 506 65

HOME ECONOMICS

J. Lita Bane, Professor, Head of Department (1/2 time)	437 50	
Esther McGinnis, Lecturer (1/2 time).....	300 00	
Harriet T. Barto, Assistant Professor.....	525 00	
Florence King, Associate.....	383 33	
Mrs. Pearl Z. Janssen, Associate.....	<u>333 33</u>	1 979 16

JOURNALISM

_____, Professor.....	833 33	
F. S. Siebert, Associate Professor.....	566 67	
C. E. Flynn, Assistant.....	<u>283 33</u>	1 683 33

LAW

W. E. Britton, Professor (1/2 time).....	450 00	
M. I. Schnebly, Professor (1/2 time).....	450 00	
G. W. Goble, Professor (1/2 time).....	450 00	
G. B. Weisiger, Professor (1/2 time).....	450 00	
(See also Education—total salary \$900)		
V. E. Ferrall, Assistant Professor.....	<u>675 00</u>	2 475 00

LIBRARY

Ethel Bond, Associate Professor.....	533 33	
Marie M. Hostetter, Assistant Professor.....	466 67	
C. H. Stone, Associate Professor.....	600 00	
E. W. McDiarmid, Jr., Associate.....	466 67	
Marion V. Higgins, Associate.....	500 00	
Mrs. Elsie H. Pine, Instructor.....	500 00	
Mary E. Silverthorn, Instructor.....	500 00	
Mrs. Mary Hays Marable, Instructor (½ time).....	250 00	
_____, Instructor.....	500 00	
Mary R. Kinney, Instructor.....	300 00	
Ruth R. Graham, Assistant.....	250 00	
Ruth Crossman, Assistant.....	250 00	
Katherine K. Weed, Assistant.....	250 00	
Catherine McIver, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	
_____, Assistant.....	250 00	7 366 67

MATHEMATICS

Arnold Emch, Professor.....	750 00	
A. R. Crathorne, Professor.....	750 00	
Harry Levy, Assistant Professor.....	441 67	
H. W. Bailey, Assistant Professor.....	633 33	
D. G. Bourgin, Assistant Professor.....	500 00	
C. W. Mendel, Associate.....	416 67	
V. A. Hoersch, Associate.....	383 33	
H. J. Miles, Associate.....	400 00	
O. K. Bower, Instructor.....	350 00	
J. W. Peters, Instructor.....	350 00	4 975 00

MUSIC

R. H. Miles, Associate Professor.....	550 00	
Sherman Schoonmaker, Associate Professor.....	516 67	
W. G. Hill, Assistant Professor.....	441 67	
W. L. Roosa, Assistant Professor (½ time).....	241 67	
_____, Associate.....	406 67	
M. H. Hindsley, Associate.....	466 67	
B. R. Foote, Associate.....	416 67	
Velma I. Kitchell, Instructor.....	350 00	3 390 02

PHILOSOPHY

J. A. Nicholson, Associate Professor.....	500 00	
O. A. Kubitz, Instructor.....	375 00	875 00

PHYSICAL EDUCATION FOR MEN

_____, Professor.....	900 00	
G. T. Stafford, Associate Professor.....	708 33	
D. R. Mills, Associate (5/12 time).....	366 44	
H. W. Craig, Associate.....	366 67	
G. G. Robinson, Instructor.....	325 00	2 666 44

PHYSICAL EDUCATION FOR WOMEN

Carita Robertson, Assistant Professor.....	500 00	
Ruth Hoover, Assistant Professor.....	500 00	
Mrs. Ione M. Johnson Cope, Instructor (½ time).....	190 00	
Enid Schnauber, Instructor.....	316 67	
Helen Hopkins, Instructor.....	300 00	
Zita Spradling, Assistant.....	250 00	2 056 67

PHYSICS

P. G. Kruger, Associate Professor, in charge.....	666 67	
R. F. Paton, Associate Professor.....	633 33	
G. M. Almy, Assistant Professor.....	550 00	
W. E. Shoupp, Instructor.....	333 33	
H. Q. Fuller, Instructor.....	300 00	
L. W. Phillips, Assistant ($\frac{1}{2}$ time).....	125 00	
F. W. Stallmann, Assistant ($\frac{1}{2}$ time).....	125 00	
R. C. Westphal, Assistant ($\frac{1}{2}$ time).....	125 00	
T. J. Wang, Assistant ($\frac{1}{2}$ time).....	125 00	2 983 33

PHYSIOLOGY

W. E. Burge, Associate Professor, Acting Head of Department.....	550 00	550 00
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POLITICAL SCIENCE

C. A. Berdahl, Professor.....	833 33	
C. B. Hagan, Associate.....	416 67	
C. F. Snider, Instructor.....	375 00	1 625 00

PSYCHOLOGY

E. A. K. Culler, Professor.....	666 67	
G. D. Higginson, Associate Professor.....	533 33	
W. G. McAllister, Associate.....	400 00	
L. L. McQuitty, Instructor.....	300 00	1 900 00

ROMANCE LANGUAGES

D. H. Carnahan, Professor, Head of Department.....	875 00	
J. A. Balseiro, Associate Professor.....	578 17	
P. E. Jacob, Assistant Professor.....	500 00	
C. C. Gullette, Assistant Professor ($\frac{1}{2}$ time).....	258 33	
L. C. Keating, Associate.....	400 00	
J. H. Amiel, Assistant.....	256 67	
J. H. Utley, Assistant ($\frac{1}{2}$ time).....	128 33	
J. R. Young, Assistant ($\frac{1}{2}$ time).....	128 33	
John Alexander, Assistant ($\frac{1}{2}$ time).....	128 75	3 253 58

SOCIOLOGY

E. T. Hiller, Professor.....	708 33	
B. F. Timmons, Assistant Professor.....	500 00	
W. R. Tylor, Assistant Professor.....	500 00	
H. H. Gerth, Assistant Professor.....	600 00	
A. V. Houghton, Assistant.....	250 00	2 558 33

THEORETICAL AND APPLIED MECHANICS

W. L. Schwalbe, Assistant Professor.....	500 00	500 00
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ZOOLOGY

L. A. Adams, Associate Professor.....	633 33	
F. B. Adamstone, Assistant Professor.....	500 00	
W. M. Luce, Associate.....	433 33	
B. V. Hall, Associate.....	350 00	
Lester Ingle, Instructor.....	300 00	
T. W. Robinson, Instructor.....	300 00	
H. W. Ades, Assistant ($\frac{2}{5}$ time).....	100 00	
Sarah E. Jones, Assistant ($\frac{2}{5}$ time).....	100 00	
H. G. Kimpel, Assistant ($\frac{2}{5}$ time).....	100 00	
W. H. Leigh, Assistant ($\frac{2}{5}$ time).....	100 00	
P. A. Meglitsch, Assistant ($\frac{2}{5}$ time).....	100 00	
_____, Assistant ($\frac{2}{5}$ time).....	100 00	3 116 66

On motion of Mr. Moschel, these appointments were authorized as recommended.

RESIGNATION OF PROFESSOR D. R. MITCHELL

(6) Associate Professor D. R. Mitchell, of the Department of Mining and Metallurgical Engineering, has submitted his resignation effective September 1, 1938, to accept the headship of the Department of Mining Engineering at the Pennsylvania State College.

This report was received for record.

RESIGNATION OF PROFESSOR W. E. BURGE AS ACTING HEAD OF THE DEPARTMENT OF PHYSIOLOGY

(7) Associate Professor W. E. Burge, of the Department of Physiology, has submitted his resignation as Acting Head of the Department effective September 1, 1938, and requests that he be continued as a member of the faculty with the rank of Associate Professor on indefinite tenure. The Dean of the College of Liberal Arts and Sciences recommends approval and I concur.

On motion of Dr. Meyer, this change of status was approved as recommended.

EXCHANGE OF INSTRUCTORSHIP IN MATHEMATICS WITH THE UNIVERSITY OF ARIZONA

(8) A recommendation from the Department of Mathematics that Dr. Oliver K. Bower, Instructor in Mathematics, be permitted to exchange his position with Dr. A. W. Boldyreff, Associate Professor of Mathematics at the University of Arizona, during the academic year 1938-1939. This exchange is advantageous both to Doctor Bower and to the University of Illinois. It will give him a fresh outlook and a change of environment which would otherwise not be possible since he is not eligible for a sabbatical leave of absence. It will bring to the Department here a man of excellent training who has been giving more advanced courses at the University of Arizona than he will give here. The University of Illinois will pay Doctor Bower's salary and Doctor Boldyreff's salary will be paid by the University of Arizona.

This arrangement is in keeping with the spirit of the provision in the University Statutes relating to exchange professors, although one of the individuals is not of professorial rank. I concur in this recommendation.

On motion of Mr. Karraker, this exchange was authorized as recommended.

APPOINTMENT OF DR. JOSEPH H. BODINE AS PROFESSOR AND HEAD OF THE DEPARTMENTS OF ZOOLOGY AND PHYSIOLOGY

(9) A recommendation from the Executive Committee of the College of Liberal Arts and Sciences that Dr. Joseph Hall Bodine, of the State University of Iowa, be appointed Professor and Head of the Department of Zoology on indefinite tenure, and also Acting Head of the Department of Physiology, at a salary of \$8,000 per year beginning September 1, 1938.

Negotiations with Professor Bodine have not yet been concluded, and therefore it is not known whether he can be secured, but I recommend that his appointment be authorized as recommended.

On motion of Dr. Meyer, this appointment was authorized as recommended.

APPOINTMENT OF PROFESSOR J. T. BUCHHOLZ AS HEAD OF THE DEPARTMENT OF BOTANY

(10) The Executive Committee of the College of Liberal Arts and Sciences recommends the appointment of Professor J. T. Buchholz, of the Department of Botany, as Head of the Department on indefinite tenure beginning September 1, 1938, at an annual salary of \$6,000, vice Professor C. F. Hottes, who will retire at the end of the current academic year. This recommendation has been made after consultation with the members of the Department of professorial rank, as provided in the University Statutes.

I concur in the recommendation.

On motion of Mrs. Freeman, this appointment was made as recommended.

HEADSHIP OF THE DEPARTMENT OF ECONOMICS

(11) A letter from Dean C. M. Thompson concerning the headship of the Department of Economics, which will be vacant on September 1, 1938, because of the retirement of Professor E. L. Bogart.

This matter was referred to the President of the University for further consideration.

**APPOINTMENT OF DR. FRANK F. KANTHAK AS
SUPERINTENDENT OF CLINICS**

(12) Dean Frederick B. Noyes of the College of Dentistry recommends the appointment of Dr. Frank F. Kanthak as Superintendent of Clinics with the rank of Assistant Professor of Oral Surgery and Oral Pathology, effective July 1, 1938, at an annual salary of \$3,500.

I concur in the recommendation.

On motion of Dr. Meyer, this appointment was made as recommended.

**APPOINTMENT OF J. NELSON SPAETH AS PROFESSOR
AND CHIEF IN FORESTRY**

(13) A recommendation from the Dean of the College of Agriculture that there be established a Department of Forestry in the College of Agriculture and the Agricultural Experiment Station, and that Dr. J. Nelson Spaeth, Research Assistant Professor of Forestry and Silviculturist at Cornell University, be appointed Professor and Head of the Department and Chief in Forestry in the Station, beginning June 1, 1938, at an annual salary of \$5,500.

On motion of Mr. Karraker, this department was established and the appointment made as recommended.

**CANCELLATION OF SABBATICAL LEAVE OF ABSENCE
FOR PROFESSOR P. D. CONVERSE**

(14) At the meeting of the Board on February 11, 1938 (Minutes, page 630), Professor P. D. Converse, of the Department of Business Organization and Operation, was granted sabbatical leave of absence for the second semester of 1938-1939, on one-half pay with the privilege of withdrawing his application without prejudice.

Professor Converse desires to withdraw his application and requests that the leave granted him be cancelled.

On motion of Mrs. Freeman, this leave was cancelled as requested.

LEAVE OF ABSENCE FOR ASSOCIATE PROFESSOR A. J. CASNER

(15) A request from Associate Professor A. J. Casner, of the College of Law, that he be given a leave of absence during the year 1938-1939 so that he may accept an appointment as Visiting Lecturer at Harvard University. I recommend approval.

On motion of Dr. Meyer, this leave was granted as recommended.

**RECALL OF PROFESSOR FREDERICK GREEN, EMERITUS,
TO ACTIVE SERVICE**

(16) Pursuant to the provisions in the University Statutes, the Dean of the College of Law recommends, and I concur, that Professor Frederick Green, *Emeritus*, of the College of Law, who was retired on September 1, 1936, be recalled to active service for one year from September 1, 1938, at a salary of \$7,000 to teach the courses formerly given by him. This appointment is being made to provide for the work of Associate Professor A. J. Casner, who has requested leave of absence without pay during 1938-1939 to accept a visiting professorship at Harvard.

On motion of Mr. Pogue, this recommendation was concurred in.

LEAVES OF ABSENCE

(17) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Dr. Marion Hood, Associate in the Department of Medicine, leave of absence with pay from June 1 to August 31, 1938, to enable her to work in the Gorgas Memorial Institute in Panama.

2. Josie B. Houchens, Binding Librarian, one month beginning August 1, 1938, without pay, in addition to her regular vacation allowance of one month with pay, to enable her to do certain work at Columbia University.

3. Dean William B. Day, of the College of Pharmacy, April 1 to June 15, 1938, with pay, on account of illness. This is an extension of a leave previously granted him covering the period, January 1 to April 1, 1938. His work is being carried on by the College without additional expense to the University.

4. Mr. H. Carl Oesterling, Editor, University Press, leave of absence with pay from January 31 to March 12, 1938, on account of illness. His work has been carried on during his absence without additional expense to the University.

5. Mr. George Miller, Technician in the Department of Anatomy, College of Medicine, leave of absence from July 15 to August 15, with pay, in addition to his vacation allowance of one month, on account of travel abroad. This will involve no expense to the University.

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

**LEAVE OF ABSENCE FOR ASSISTANT PROFESSOR
MARIE M. HOSTETTER**

(18) Miss Marie M. Hostetter, Assistant Professor in the Library School, has applied for a leave of absence for one year beginning September 1, 1938, without pay, to enable her to take graduate work at the University of Chicago.

The Director of the Library School recommends approval and I concur.

This leave was granted as recommended.

CHANGE IN STATUS OF GENERAL RESERVE FUND

(19) A report of the following adjustments in the budget of the University increasing the balance in the General Reserve Fund:

1. Excess of income from student fees over income estimated when the budget was prepared.....	\$25 000 00
2. Unexpended balances in special non-recurring appropriations made on August 2, 1937, which have been lapsed (lists of these lapsed balances have been sent to the Secretary and Comptroller for record.)	17 571 24
<i>Total</i>	<u>\$42 571 24</u>

This report was received for record.

SPECIAL AND NON-RECURRING APPROPRIATIONS

(20) A recommendation that the following special appropriations be made from the General Reserve Fund for the purposes indicated; the Committee on Special Appropriations and Non-Recurring Expenditures has had under consideration a large number of requests for assignments of funds for various purposes, all of them important, and the following items represent a preliminary selection of those which are considered most pressing:

1. Addressograph equipment for Alumni Records (partial replacement of old equipment).....	\$ 750
2. Book shelving equipment and remodeling to provide additional facilities for the College of Medicine Library..	5 000
3. Publication of additional volume of "Studies in the Social Sciences".....	2 500

The other items are receiving further consideration, and selections from them will be presented to the Board at a later meeting.

This appropriation was made by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mr. Pogue; no, none; absent, Mr. Horner, Mrs. Plumb, Mr. Wieland.

CONTRIBUTION TO AMERICAN UNIVERSITY UNION

(21) The American University Union in Europe, founded in 1917 to serve the American college men and women in war service overseas and later continued to serve American institutions of higher education and members of their staffs abroad, has just completed twenty years of continuous service. For a number of years it was supported by subscriptions from colleges and universities, and from 1920-1924 the University of Illinois subscribed \$500 a year to the Union. Since then no memberships have been necessary, the work of the Union having been supported by private grants.

It is now necessary for the American University Union in Europe to secure assistance from the colleges and universities it serves, at least during the next two years, and I recommend that a subscription of \$100 a year to the Union be authorized in return for the service which it renders members of the University of Illinois staff and students while traveling abroad.

This appropriation was made by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mr. Pogue; no, none; absent, Mr. Horner, Mrs. Plumb, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF CHEMISTRY

(22) A recommendation that a supplementary appropriation of \$5,500 be made to the Department of Chemistry for the current fiscal year to provide for increased operating expenses. The Department needs approximately \$7,000 additional funds, but \$1,500 has been assigned to it from the Special Equipment Fund of the College of Liberal Arts and Sciences to help meet this situation. In spite of restrictions limiting enrollments, the Department's registrations increased over 400, which was not anticipated when its budget was being made up on the basis of limiting registrations in advanced courses to students of high scholarship.

This appropriation was made by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mr. Pogue; no, none; absent, Mr. Horner, Mrs. Plumb, Mr. Wieland.

APPROPRIATION FOR X-RAY EQUIPMENT FOR THE DEPARTMENT OF ROENTGENOLOGY

(23) A recommendation that an assignment of \$5,000 be made from the General Reserve Fund to the Department of Roentgenology for the purchase of a new 200,000 volt therapy unit to replace old X-ray equipment which is broken down. The alternative would be to spend several hundred dollars to repair the old unit, which in any event would soon have to be discarded.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mr. Pogue; no, none; absent, Mr. Horner, Mrs. Plumb, Mr. Wieland.

AGRICULTURAL PRODUCTS LABORATORY

(24) Under an Act of Congress the Secretary of Agriculture is authorized to establish four regional research laboratories, one in each major farm producing

area, for researches to develop new scientific, chemical, and technical uses and new and extended markets for farm commodities and by-products. Such research work shall be devoted primarily to those farm commodities in which there are regular or seasonal surpluses. The Act authorizes the Secretary to acquire land, to accept in the name of the United States donations of any property, real or personal, to utilize voluntary services and the cooperation of other agencies. The Secretary of Agriculture is authorized to allocate \$1,000,000 annually to each of the four regional laboratories to be established.

These regional laboratories will be located in communities which offer them and the Government the best advantages in carrying out the purpose for which they are established. There is a possibility that one of them may be established at Urbana in view of the advantages which it would have from close proximity to the library, laboratory, and other facilities available at the University of Illinois. The matter is being presented at this time for consideration by the Board of what it could offer the Federal Government. First of all, a site would be required and this would involve deeding land to the Federal Government. Because of the limitations of its power plant the University is not in a position to offer heat, light, power, and similar utilities, but it may be advisable to bring this situation to the attention of the Governor and the General Assembly of Illinois for the consideration of a State appropriation to increase the University's power plant facilities and for other purposes relating directly or indirectly to the operation of the Federal laboratory.

On motion of Mr. Cleary, the President of the University was authorized to apply for the erection of such a laboratory at the University, and to express the willingness of the University to deed land to the United States Government for a site for such a laboratory and to offer reasonable cooperation of the staff and reasonable use of the University farm land, and the President was requested to get in touch with the Governor, State Department of Agriculture, State Surveys, and with our representatives in the Senate and in the House of Representatives in order to secure the location of this laboratory at the University of Illinois.

INVESTMENT OF STUDENT LOAN FUNDS

Mr. Moschel, for the Finance Committee, presented a recommendation that a part of the cash balance in student loan funds for which there is no call at present, be invested in United States Government bonds as follows: \$25,000, $3\frac{3}{4}\%$ of 1941, and \$25,000, 2% of 1942.

On motion of Mr. Moschel, this investment was authorized.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Moschel, for the Finance Committee, presented a recommendation that a total of \$20,000 of uninvested endowment funds be invested in the following securities (not more than \$5,000 in any one issue):

	Market	Yield
Gulf States Utilities Co. First Mortgage & Refunding Series C		
4% Bonds due 10/1/66.....	103 $\frac{3}{8}$	3.8%
Indianapolis Power & Light Company First Series A 5% Bonds		
due 1/1/57.....	105 $\frac{7}{8}$	4.5
Inland Steel Company First Series D 3 $\frac{3}{4}\%$ Bonds due 2/1/61..	105 $\frac{3}{4}$	3.3
The Kansas Power & Light Co. First 4 $\frac{1}{2}\%$ Bonds due 11/1/65..	109 $\frac{1}{2}$	3.9
Ohio Edison Company First 3 $\frac{3}{4}\%$ Bonds Series of 1936 due 1/1/72	98	3.8

On motion of Mr. Moschel, this investment was authorized.

SALES AND PURCHASES OF ENDOWMENT FUNDS SECURITIES

Mr. Moschel, for the Finance Committee, presented the following report of the Comptroller of the sales and purchases of securities representing investments of endowment funds since the last report was made to the Board:

SALES AND CALLS

<i>Par</i>	<i>Description</i>	<i>Price at which sold</i>	<i>Book value at time of sale</i>	<i>Amount realized from sale</i>	<i>Net profit (+) or net loss (-)</i>
\$ 5 000	Pennsylvania Power and Light Co., 1st 4½% bonds, due 1981.....	96¼	\$ 5 024 28	\$ 4 812 50	\$—211 78
5 000	Pennsylvania Power and Light Co., 4½% bonds, due 1981.....	97½	5 024 44	4 881 25	—143 19
1 000	Texas Power and Light Co., 5% bonds, due 1956.....	99½	1 051 15	995 00	— 56 15
9 000	Appalachian Power Co., 1st S/F 5% bonds, due 1941..	105	9 085 62	9 450 00	+364 38
10 000	Chas. Gourdier 1st mortgage note, 5½% bonds, due 1938	100	10 000 00	10 000 00	.....
	<i>Net loss on these transactions</i>				\$ 46 74

PURCHASES

<i>Par</i>	<i>Description</i>	<i>Price at which purchased</i>	<i>Yield</i>	<i>Book value</i>
\$ 5 000	Chicago District Electric Generating, 4½% bonds, due 1970.....	105¾	4 18	\$ 5 287 50
5 000	Bethlehem Steel, 6% bonds, due 1998.....	132	4 05	6 600 00
5 000	California Water Service, 4% bonds, due 1961.....	102¼	3 86	5 112 50
10 000	Nebraska Power Co., 1st 4½% bonds, due 1981	109	4 06	10 900 00
2 000	Bethlehem Steel Corp., 6% bonds, due 1998	137	3 85	2 740 00
1 000	Bethlehem Steel Corp., 6% bonds, due 1998	137	3 85	1 370 00

This report was received for record.

Mr. Mayer reported that the Finance Committee had considered the desirability of the investment of surplus cash balances in the hands of the Treasurer, but had not been able to find any quickly convertible securities that would return enough to make the investment worthwhile.

TREASURER'S REPORT

The Secretary presented the report of the Treasurer as of February 28, 1938.

STATEMENT OF RECEIPTS AND DISBURSEMENTS

FRANK M. GORDON, TREASURER

UNIVERSITY OF ILLINOIS

JULY 1, 1937, TO FEBRUARY 28, 1938

Balance July 1, 1937..... \$ 449 408 17

Receipts:

July, 1937.....	\$391 132 57
August, 1937.....	136 034 29
September, 1937.....	177 840 16
October, 1937.....	335 906 91
November, 1937.....	175 588 01
December, 1937.....	167 363 08
January, 1938.....	187 463 87
February, 1938.....	<u>329 556 91</u>

Total, Receipts..... 1 900 885 80

\$2 350 293 97Disbursements (as per canceled checks returned
to Comptroller):

July, 1937.....	\$179 059 66
August, 1937.....	197 848 65
September, 1937.....	199 837 19
October, 1937.....	222 371 19
November, 1937.....	190 554 21
December, 1937.....	346 818 46
January, 1938.....	130 067 84
February, 1938.....	<u>209 099 78</u>

Total, Disbursements..... 1 675 656 98

Balance on hand February 28, 1938 (on deposit at First National

Bank of Chicago)..... \$ 674 636 99

Note: U.S. securities having a market value of \$622,531.25 on February 28, 1938, have been deposited by the First National Bank as collateral to secure the account. A statement concerning the status of these securities has been submitted separately to the Finance Committee by the Treasurer.

F. M. GORDON, *Treasurer*Correct: LLOYD MOREY, *Comptroller*

STATEMENT OF RECEIPTS AND DISBURSEMENTS

FRANK M. GORDON, TREASURER

MEDICAL AND DENTAL COLLEGE BUILDING—SPECIAL FUND

JULY 1, 1937, TO FEBRUARY 28, 1938

Balance July 1, 1937..... \$ 38 212 19

Receipts:

July, 1937.....	\$18 227 00
September, 1937.....	50 000 00
November, 1937.....	<u>20 00</u>

Total, Receipts..... 68 247 00

\$106 459 19

Disbursements (as per canceled checks returned to
Comptroller):

July, 1937.....	\$14 400 00
September, 1937.....	20 00
December, 1937.....	14 300 00
January, 1938.....	7 200 00
February, 1938.....	7 200 00
<i>Total, Disbursements.....</i>	<i>\$43 120 00</i>

Balance on hand February 28, 1938 (on deposit at First National
Bank of Chicago)..... \$63 339 19

F. M. GORDON, *Treasurer*

Correct: LLOYD MOREY, *Comptroller*

This report was received for record.

IMPROVEMENT OF PAVEMENTS AND LIBRARY BUILDING PLANS

On motion of Mr. Adams, the Committee on Buildings and Grounds was requested to study the improvement of the pavements on Green Street and Pennsylvania Avenue, and the plans for the addition to the Library (with a view to a request for consideration of the latter project in a call for a special session of the General Assembly), and to report to the Board.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed consideration of matters presented by the President of the University.

NATURAL RESOURCES BUILDING

(25) As has already been reported to the Board, the 60th General Assembly made an appropriation of \$300,000 to the State Department of Registration and Education for the construction of a State Natural Resources Building for the scientific surveys located at Urbana. The Act of the General Assembly provides that if such a building is constructed on the grounds of the University of Illinois an agreement will be entered into between the Department and the Trustees relative to the operation and maintenance of the building.

At its meeting on December 3, 1937 (Minutes, page 572), the Board assigned a site for this building on the area bounded by Pennsylvania Avenue, Sixth Street, South Drive, and Burrill Avenue extended, subject to the execution of an agreement within the powers of and agreeable to the Department of Registration and Education and the Board of Trustees of the University of Illinois providing for the construction and operation of this building. The Board had previously referred to its Committee on General Policy the question of the agreement. A draft of such an agreement, providing for the construction of the building by the University, was prepared and was submitted to the Board of Natural Resources and Conservation, the Chiefs of the State Geological and Natural History Surveys, and the Director of the Physical Plant Department, all of whom approved it. It was then sent to the Director of the Department of Registration and Education for his approval. He submitted it to the Governor, who did not approve it but had another agreement prepared by the Legislative Reference Bureau, which is being presented to the Board herewith.

This agreement departs in fundamental and very substantial particulars from that proposed by the Board of Trustees. A statement¹ prepared by the University Counsel on March 9, 1938, discussing the legal aspects of these differences is presented herewith. I also present a letter² from the Director of the Physical Plant Department dated March 11, 1938, in which he points out the

¹Copies of these documents were given to the Secretary of the Board for record.

differences in the provisions in the two agreements for the construction of the building:

1. The revised draft proposes that the building shall be constructed by the Department of Registration and Education and permits the University to approve only the "architectural style," the entire responsibility for the preparation of plans and specifications, award of contracts, and the supervision of construction to be in the State Architect.

2. No reference is made in the revised draft to the extension of service lines which is a major item in the cost of construction of the building. This is contrary to the appropriation act which recognizes the extension of service lines as part of the cost of construction.

3. Heretofore the University has uniformly controlled the design and construction of buildings on its own property.

4. It nullifies the authority of the University to make rules and regulations concerning the use of the building.

5. It would require the University to extend Stadium Drive through the University and to remove the Animal Pathology Laboratory earlier than would normally be undertaken.

If an agreement cannot be reached by the Department of Registration and Education and the Board of Trustees under which the Natural Resources Building will be designed and constructed by the University, the Director of the Physical Plant Department recommends that:

1. The Board of Trustees deed a site for this building, this to be the site originally requested by the Chiefs of the State Geological and Natural History Surveys at the corner of Lincoln and Pennsylvania Avenues, immediately south of the Forestry, and authorized by the Board (October 25, 1935, Minutes, page 477), the restrictions on this area to be the same as specified in the offer of the Board.

2. Since this will be a State building and not a building of the University, the Surveys or the Department of Registration and Education be given the responsibility of operating and maintaining it. The extension of service lines to this site would not be advisable in view of the cost involved and the limited facilities of the University's power plant.

On motion of Mr. Adams, the matter was referred to the Committee on General Policy and the President of the University, to meet with Director Hallihan, the Board of Natural Resources and Conservation, the Chiefs of the Geological and Natural History Surveys, and the Governor, to arrive at a satisfactory agreement for the construction of this building.

PURCHASE OF BROWNFIELD WOODS

(26) The Faculty Committee on Natural Areas and Uncultivated Lands, which represents the Biological Departments in the College of Liberal Arts and Sciences, the College of Agriculture, and the State Natural History Survey, has recommended from time to time that the University purchase the Brownfield Woods northeast of Urbana as an extension of the University's forestry holdings for scientific purposes. The University now owns a forestry tract of about forty acres in the same vicinity. It has also leased the Brownfield Woods during the last few years.

The Brownfield Woods is an area of 60 acres and has been offered to the University at a price of approximately \$1,100 an acre, so that the total cost of this area as represented by the present offer would be approximately \$66,000.

This matter is being reported for the information of the Board but without recommendation. It is still under consideration as to (1) the value to the scientific and educational interests of the University of acquiring additional forestry areas; (2) a fair valuation of the property; (3) the relative importance of such a capital expenditure in view of other University needs; and (4) the availability of funds.

This report was received for record.

PROPERTY ON SPRINGFIELD AVENUE, URBANA

(27) The Director of the Physical Plant Department has been advised that the properties at 1201, 1203, and 1205 West Springfield Avenue, Urbana, are available for purchase at a total price of \$11,250. The property at 1205, adjacent to University property, is offered at \$3,750; the other two are available at approximately \$7,500.

This report was received for record.

REQUIREMENTS FOR GRADUATION IN LIBERAL ARTS AND SCIENCES

(28) The University Senate recommends that beginning with the students who matriculate in the College of Liberal Arts and Sciences after June 1, 1939, the requirements for graduation be amended so that a candidate for the degree from that College must receive an average of not less than "C" in all grades except those in hygiene, military science, and physical education, the requirement to read as follows:

In securing this credit, the candidate must receive an average of not less than "C" (3) in all grades received, excluding those received in hygiene, military science, and physical education, and not more than one-fourth of the total number of semester hours earned may be below "C." In computing averages A shall count as 5; B—4; C—3; D—2; and E—1. This requirement for graduation shall apply to all students who matriculate in the University after June 1, 1939.

On motion of Mrs. Freeman, the requirements for graduation were changed as recommended.

REQUEST OF DR. JOHN F. HILLABRAND FOR HEARING

(29) The Executive Committee of the Research and Educational Hospital and the Dean of the College of Medicine recommend that Dr. John F. Hillabrand, Resident in the Department of Obstetrics and Gynecology, be discharged for unsatisfactory service and for violations of certain rules of the "Rules and Regulations for the Guidance of Internes in Residence." The Managing Officer of the Research and Educational Hospital concurs in this recommendation.

The report of the Committee specifying the charges against Doctor Hillabrand, with statements from various members of the staff in support thereof, are presented herewith, and copies of these documents are being given to the Secretary of the Board for record. I also present a resolution adopted by the Interne Council of the Research and Educational Hospital and a statement from Dr. Martin W. Diethelm, Senior Obstetrician at St. Vincent's Hospital, Toledo, Ohio, under whom Doctor Hillabrand worked for two years, submitted in his behalf.

Doctor Hillabrand has requested a hearing before the Board of Trustees in accordance with the provisions of the University Statutes.

This hearing was granted, and the following persons were introduced:

Dean D. J. Davis, Professor R. W. Keeton, Professor W. H. Cole, and Dr. Major Worthington, representing the College of Medicine and the Executive Committee of the Hospital.

Dr. J. F. Hillabrand and Mr. Durfee, attorney, and five witnesses.

Dean Davis made a preliminary statement and presented the charges.

Dr. Hillabrand presented his rebuttal of the charges, assisted at times by Mr. Durfee.

All the persons introduced for the hearing retired, and the recommendations of the Executive Committee of the Hospital were considered.

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

Whereas, Several charges, some of a serious nature, were made against Dr. John F. Hillabrand, Resident in Obstetrics and Gynecology, and in due course referred to the Executive Committee of the Research and Educational Hospital, and he was duly apprised of the details of these charges, given a summary of the evidence in support thereof, all in conformity with the applicable rules of the Board of Trustees; and

Whereas, At the hearing before the Board he read his supporting documents and made a statement of his own, all calculated to meet in detail and disprove the various charges preferred against him;

Now, therefore, be it resolved, That the charges made against Dr. Hillabrand be and the same are dismissed and he shall forthwith be reinstated in his position.

DEGREES CONFERRED IN FEBRUARY, 1938

(30) A recommendation from the University Senate that the following candidates who completed requirements for degrees in February, 1938, be awarded the degrees indicated in each case.

On motion of Mr. Moschel, these degrees were conferred as recommended.

SUMMARY OF DEGREES, FEBRUARY, 1938

Degrees in the Graduate School, conferred at Urbana:		
Doctor of Philosophy.....	33	
Master of Arts.....	29	
Master of Science.....	26	
<i>Total, Graduate School, Urbana.....</i>	<i>88</i>	
Baccalaureate Degrees, conferred at Urbana:		
Bachelor of Arts, College of Liberal Arts and Sciences....	44	
Bachelor of Science, College of Liberal Arts and Sciences..	22	
Bachelor of Science, College of Commerce.....	34	
Bachelor of Science, College of Engineering.....	26	
Bachelor of Science, College of Agriculture.....	27	
Bachelor of Science, College of Education.....	28	
Bachelor of Science, College of Fine and Applied Arts....	2	
Bachelor of Fine Arts, College of Fine and Applied Arts...	5	
Bachelor of Science, School of Journalism.....	10	
<i>Total, Baccalaureate Degrees, Urbana.....</i>	<i>198</i>	
Degrees in Law, conferred at Urbana:		
Bachelor of Laws.....	11	
<i>Total, Degrees Conferred at Urbana.....</i>		297
Degrees in Medicine, conferred at Chicago:		
Bachelor of Science in Medicine.....	7	
Bachelor of Medicine.....	2	
<i>Total, Medicine</i>	<i>9</i>	
Degrees in Dentistry, conferred at Chicago:		
Bachelor of Science in Dentistry.....	2	
Degrees in Pharmacy, conferred at Chicago:		
Bachelor of Science in Pharmacy.....	5	
Degrees in the Graduate School, conferred at Chicago:		
Doctor of Philosophy.....	1	
Master of Science.....	5	
<i>Total, Graduate School, Chicago.....</i>	<i>6</i>	
<i>Total, Degrees Conferred at Chicago.....</i>		22
<i>Total, Urbana and Chicago, February, 1938</i>		319

Degrees Conferred at Urbana

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Botany

CORNELIUS HERMAN MULLER, A.B., A.M., University of Texas, 1932, 1933.

In Chemistry

HOWARD CHARLES BLACK, A.B., DePauw University, 1934; A.M., 1935.

BEN THOBURN BRIGGS, A.B., Willamette University, 1934.

JOHN CHARLES COWAN, A.B., 1934.

SIEGFRIED THEODORE GROSS, A.B., Colorado College, 1933; M.S., California Institute of Technology, 1935.

ROBERT EDWIN HENRY, B.S., Monmouth College, 1932; M.S., 1934.

ALLENE ROSALIND JEANES, A.B., Baylor University, 1928; A.M., University of California, 1929.

N. CYRIL SCHIELTZ, B.Ch.E., Marquette University, 1932.

HORACE MARION TENNEY, B.S., Greenville College, 1931; M.S., 1935.

GLENN EDGAR ULLYOT, B.Ch., University of Minnesota, 1933; M.S., 1935.

In Classics

THEODORE HENRY ERCK, A.B., A.M., University of Nebraska, 1930, 1931.

In Economics

JOSEPH ACKERMAN, B.S., M.S., 1929, 1930.

HARRY WEBER HECKMAN, A.B., Illinois Wesleyan University, 1929; M.S., 1932.

TRIMBLE RAYMOND HEDGES, B.S., Oklahoma Agricultural and Mechanical College, 1928; M.S., 1933.

BRUCE ROBERT MORRIS, A.B., Western Reserve University, 1931; A.M., Ohio State University, 1932.

RICHARDS CLINTON OSBORN, A.B., Stanford University, 1930; A.M., University of Southern California, 1933.

GEORGE ALBERT STEINER, B.S.C., Temple University, 1933; A.M., University of Pennsylvania, 1934.

MERLE CLARK TURNER, B.S., M.S., 1932, 1934.

In Engineering

BURNHAM WILLIAM KING, JR., B.S., Carnegie Institute of Technology, 1931; M.S., Ohio State University, 1933.

In English

LESTER CHARLES DOLK, A.B., DePauw University, 1927; A.M., 1929.

MARIAN JANE DOWNEY, A.B., Wheaton College, 1923; A.M., 1930.

ROYAL ALFRED GETTMANN, A.B., Earlham College, 1925; A.M., Haverford College, 1926.

In Entomology

JOHN FREDERICK ALSTERLUND, A.B., M.S., 1932, 1934.

In German

ULAND EVERETT FEHLAU, Graduate, Concordia Seminary, 1932; A.M., Indiana University, 1934.

KLASINE ELISABETH VON WESTEN, A.B., Morningside College, 1930; A.M., University of Nebraska, 1933.

In History

MARTIN PAUL CLAUSSEN, A.B., A.M., 1934, 1935.

In Mathematics

DONALD MEEKER BROWN, A.B., A.M., 1930, 1932.

MARVIN G. MOORE, A.B., University of Arkansas, 1931; A.M., 1932.

DAVID LEON NETZORG, A.B., University of Michigan, 1933; A.M., Princeton University, 1935.

ROBERT WEIR REMPFER, A.B., University of South Dakota, 1933; A.M., Northwestern University, 1934.

In Psychology

CHARLES HEATH BUMSTEAD, A.B., A.M., 1932, 1933.

In Romance Languages

JOHN HERBERT UTLEY, A.B., Indiana University, 1926; A.M., 1931.

In Zoology

HARLAND BURR RONEY, B.S., 1933.

Degree of Master of Arts

In Botany

PHOEBE JOHNSON ARDEN, A.B., 1936.

FLOSSIE THELMA MARSHALL, A.B., 1929.

In Education

GERTRUD AGNES SOPHIA BIEDERMANN, A.B., Carthage College, 1922.

VERNON EDWARD BROADHEAD, B.Ed., Western Illinois State Teachers College, 1932.

DAVID ERNEST BROWN, A.B., Eureka College, 1930.

CLARA EDNA BULLOCK, B.Ed., Illinois State Normal University, 1922.

ROBERT GUY BUZZARD, B.S., M.S., University of Chicago, 1916, 1917; Ph.D., Clark University, 1925.

JESSIE MABEL CLINE, Ph.B., University of Chicago, 1921.

CHARLOTTE ANITA HATCH, B.S., 1935.

MILLARD HECTOR HUFFMAN, B.Ed., Illinois State Normal University, 1925.

WILLIAM EARL MUSICK, B.F.A., 1938.

In English

NATHANIEL H. COHEN, A.B., 1935.

MARGARET ELIZABETH LEAK, A.B., Central Normal College (Indiana), 1934.

In History

GEORGENE ELIZABETH LARSON, B.Ed., Illinois State Normal University, 1933.

In Library Science

ANNABEL LUCILE SMITH, B.S., Kansas State Teachers College (Emporia), 1923; B.S.(Lib.), 1931.

WAYNE STEWART YENAWINE, B.S., Washington University, 1933; B.S.(Lib.), 1934.

In Mathematics

ORAL MAYE ROBBINS, B.Ed., Milwaukee State Teachers College, 1931.

In Philosophy

BERNICE BRINKEMA ENNIS, A.B., 1936.

In Physics

EMMETH AUGUST LUEBKE, A.B., Ripon College, 1936.

HERBERT ARNOLD NYE, A.B., Allegheny College, 1936.

WILLIAM LOCKWOOD PARKER, A.B., Reed College, 1936.

RAYMOND CARL WESTPHAL, A.B., Ripon College, 1936.

In Political Science

CLAUDE WALTON BLAKEY, JR., B.Ed., Southern Illinois State Normal University, 1937.

CHU-TAO WOO, A.B., Fuh Tan University, 1936.

BAK-PANG YOUNG, LL.B., Fuh Tan University, 1936.

In Romance Languages

HAZEL THORNTON, B.S., 1937.

BETTY LOUISE ZWOLANEK, A.B., Rockford College, 1936.

In Sociology

JOHN ROY LEEVY, B.Ed., Southern Illinois State Normal University, 1926; B.S., A.M., 1930, 1933.

In Zoology

WILLIAM ERNEST DeTURK, A.B., 1937.

Degree of Master of Science*In Accountancy*

KUTE LIU, A.B., Tsing Hua University, 1934.

In Agricultural Economics

GEORGE HAYS WALTER, B.S., 1937.

In Agronomy

ROBERT BURNS MUSGRAVE, B.S., 1936.

In Architectural Engineering

TING-TSUNG WANG, B.S., Chiao Tung University, 1935; B.S., 1937.

In Bacteriology

THOMAS HENRY LORD, B.S., Massachusetts State College, 1936.

ERNEST MAYNARD WEBER, A.B., 1936.

In Chemistry

LAWRENCE ALVIN BEDFORD, B.Ch.E., Ohio State University, 1935.

DEANE ROY EBEL, B.S., University of Denver, 1936.

RICHARD SAMUEL EGLY, B.S., Purdue University, 1936.

FRANK BENJAMIN FOLCKEMER, B.S., 1936.

HOWARD LEE HARTMAN, B.S., Kansas State College, 1936.

ALAN UNGER HERSHEY, B.S., New York University, 1936.

In Civil Engineering

SCOTT BURKHARDT, B.S., Oregon State College, 1933.

IHSAN AHMET ERDAL, B.S., Robert College, 1935.

In Economics

IRA MARTIN HESS, B.S., Northern Normal and Industrial School, 1931.

In Education

RALPH ELDER ELLIOTT, B.S., 1927.

JESSE CLIFFTON HONN, B.Ed., Eastern Illinois State Teachers College, 1927.

ELMER A. JENSEN, B.Ed., Illinois State Normal University, 1923.

DWIGHT LINCOLN REED, B.Ed., Eastern Illinois State Teachers College, 1928.

JAMES A. SCHNEIDER, B.S., Eureka College, 1927.

In Horticulture

IRVING NELSON, B.S., 1927.

In Library Science

ERNEST JUSTUS SCHEERER, A.B., Miami University, 1926; B.S.(Lib.), 1930.

CLARA LOUISE GUTHRIE, A.B., Hastings College, 1929; B.S.(Lib.), 1932.

In Mining Engineering

CHARLES CHILTON BOLEY, B.S., 1935.

In Physics

EVERETT BURTON HALES, A.B., Miami University, 1936.

HOWARD FREDERICK OTT, B.S., Case School of Applied Science, 1936.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

VINCENTIA CARMELA ALIOTTA	VINCENT O'MALLEY, JR.
GEORGE GILBERT ASHWELL, with Honors	ADA OVERSTREET
in Philosophy	ANNE MARIE QUERL
EUGENE FRANKLIN BANDY, JR.	RUTH VANDERVOORT REDDISH
DORIS BARTELT	ALBERT JAY ROBERTS, JR.
ROBERT LOUIS BEER	RUTHIA BESSIE RUFF
ROBERT RICHARD BOYLE	BOBBYE MARIE SCHMIDT, with Honors
ROBERT DAVID BRODT	in Political Science
HERBERT MARSHALL CARSON	ROBERT WILLARD SCHWARTZ
BETTY ANN CONINGHAM	HARRIET MAURINE SELF
CELESTE ANN CRIST	NAIDA JANE MYERS SERIGHT
DORINE LOUISE DIEHL	EDWARD JOHN SHAMBAUGH
CARL VINCENT GALAWAY	ARTHUR PORTEUS SIMPSON, JR.
GUS GREANTIAS	HOWARD MILTON SPRAGUE
ALLAN ROSS HENDRICKS	MARY IRENE SRILL
EDYTHE HEYMAN	ADDISON ELBRIDGE STOREY
MARGARET MICHAEL JOHN, with High	JOHN CHRISTY SUTTER
Honors in Political Science	LOIS DONALDSON TAMME
WALTER A. KASSLY	MORRIS WILLIAM THOMPSON
HERMAN LEVIN	WILLIAM GEORGE VANC
GAYLE W. DUBOIS MADDEN	PAULA WEEKS, with Highest Honors in
JANE MADDEN	Zoology
CHARLES WILLIAM MAKARE	PAULINE BLOSSOM WELTMAN
LLOYD MILTON MCCLURE	JULIAN PAUL WILAMOSKI

Degree of Bachelor of Science

In Liberal Arts and Sciences

DEXTER LLOYD BALTERMAN	ALBERT ELMER PACINI
FRANK CHAPMAN BELLROSE	RALPH HENRY PLUMLEE, with High
ARTHUR ESCHER BERNGEN	Honors in Chemistry
LOUIS RICHARD BLOOM	GARLAND TAVENER RIEGEL, with High-
HENRY RICHARD BRZENK	est Honors in Entomology
JEROME GOLDMAN	CHARLES FRANKLIN SINGER
PAUL DAVID EDWARD HARTZELL	WILLIAM AUGUSTUS TANNER
WILLIAM EDWIN MORRIS	HYMEN WEXLER

In Home Economics

LUCRETIA ANNETTE STEVENS	HERTA SUZANNE BREITER
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In Chemistry

HARRY BRAUS	JOSEPH ANTHONY SREBALUS
WILLIAM MARION SPURGEON	

In Chemical Engineering

ELMER WILLIAM FIELD	JOHN WILLIAM PYLE, with Highest
HARLAN GILLET HASTERT	Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

HANS RATUS FADUM	PAUL CECIL HOHENSTEIN, with Honors
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In Banking and Finance

ROSS EDWARD CLARK

CLYDE LANGSTON EATON

In Commerce and Law

ROBERT GEORGE DAY

In General Business

JACK O. ANDERSON

JUNE ELIZABETH MERRILL

ALLEN ROBERT BENNETT

GEORGE MODJESKA, JR.

DANIEL PUTNAM BROWN

PETER ANTHONY NEPOTE

HAROLD LEROY BUDDE

HENRY AARON NYMEYER

ROBERT HARRY CHAPMAN

EDWARD JOSEPH SKARDA, JR.

RUSSELL SEARCY CULLISON

WARREN HOLWAY SMITH

ROBERT HAMPTON ERD

WILLIAM TAYLOR STITT

CHARLES DALE FIREBAUGH

WALTER EDWIN SWANSON, JR.

LOIS ANNE HACKMANN

LEE FRANKLYN SWARTZ

EDWARD WALTER JOBST

RUSSELL HARRY THOMPSON, with

LEON LAWHEAD

Honors

JAMES ALLAN MCBRIDE

PAUL DOUGLASS WILSON

MAX J. MCCOLLOUGH

HENRY ALEXANDER WRIGHT

In Industrial Administration

ROBERT ERNEST DOHERTY, JR.

ROBERT CARL ROOS

ALLEN JULIUS GUGLER

JAMES THOMAS TOWNSELL

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Ceramic Engineering

MERLIN HARDY WHITEHEAD

In Civil Engineering

VIRGIL BERNARD FERGUSON

VERNON GLENN RATHSAM

HENRY GOODMAN GRIER

CARL ROHDE, with Honors

GREGORY McDONALD HEBERT

LOUIS SCHIFF

WALTER EDWARD HEIN

BART DAVID WILLIAMS

ALBERT A. KRIVO

ROBERT ZABOROWSKI, with High Honors

BERNT OSCAR LARSON

LAWRENCE ROGERS MARCUS, with
Honors*In Electrical Engineering*

ROBERT GARNETT CLAY

JOSEPH SCHAEFER

CHARLES GAGE FISKE

CLARENCE ERWIN VAN SLYCK

ROZELL R. NESBITT

In General Engineering

ROBERT HENRY ZIMMER

In Mechanical Engineering

FREDERICK ANDREW ACKERMANN

DUNCAN CHAMBERS MILNER

HOWARD CRESS BELL

RICHARD OTTO STACK

THOMAS STEVENSON JOHANSEN

JERRY FERDINAND VALEK

LYLE JOHN KRAMER

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

CLARENCE EUGENE AKIN

JOHN MONTGOMERY ANDREWS

JOHN CLARKE ANDERSON

RAY DYER ASHTON

RONALD EUGENE ANDERSON, with
Honors

RALPH CURVELLA BROOM

FRANK LAWRENCE BROWN

EARL FREDERICK CROUSE, with High
Honors
PAUL VERNON CURTIS
GEORGE HARRISON ENNIS
EUELL EDWARD GREER
GEORGE LEONARD JOHNSON, with High
Honors
ULYSSES GRANT KINSEY

RODNEY LOCKHART
WENDELL WAYNE LONGWORTH
CHARLES MAURICE PARKER
FREDDIE ALFRED REINHART
JAMES ALLEN STOKES
KENNETH FRANKLIN VEECH
WINFIELD SCOTT WEAVER

In Home Economics

MAE LOUISE PERISHO BALDRIDGE
MARGARET LEE BINES, with Honors
JANE LOUISE GORDON, with Honors
NANCY ELIZABETH GROSBOLL

MILDRED LOUISE LUSK
BEULA VERA McKEY, with Honors
HENRIETTA JEAN SALTSMAN

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

VIRGIL HERBERT BANCROFT
MAUDIE MADELYN BELL
HOMER THEODORE COLE
WALLACE JACKSON CROSS, JR.
SHERWOOD PRESTON CUMMINGS
HELEN DOBLINSKY
MAXINE EVANS
ROSALYN GENDLER
ERWIN WILLIAM GOESSLING
ERNEST RAYMOND KOSS
ROBERT WILLIAM LAYER, JR.
GRETCHEN FERN LEE
RICHARD LUBBEN

MARIAN MANCHESTER
LEWIS BALTZELL MAYHEW
JUNE MERSHIMER
IVA IRMA MILLER
MABEL ELIZABETH NELSON
CALVIN WEIR PETTIT
ALENE EMILY RUYLE
ROBERT WENDELL RYDER
RICHARD PAUL STONE
JOHN EDGAR TILTON
WILLIAM HEARST TWEEDY
JESSIE ESTHER WOOD
MARGARET ANN ZOLLER

In Industrial Education

BENJAMIN THOMAS BAIRD, JR.

KENNETH WILLIAM BARNES

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

DAVID BENTON RUNNELLS

In Architecture

PHILIP TRUTTER

Degree of Bachelor of Fine Arts

In Art Education

MARGARET GENEVIEVE RINK

In Painting

ELIZABETH ISENBARGER, with Honors
WILLIAM E. MUSICK

LESLIE NEFF ROBERTS

In Landscape Architecture

JAMES WILFRED REID

COLLEGE OF LAW

Degree of Bachelor of Laws

CARY ANN BECHLY
LEONARD CARRIERE
ROBERT HOLLAND CHASE
JOSEPH WALTER CORAZZA

ALLEN ALEXANDER FREEMAN
ALFRED DWIGHT HUSTON
ROBERT SIMS HUTCHENS
JACKSON RAWLINGS HUTTON

ALBERT WESLEY MCCALLISTER
BENNY NAURICH

MAX L. WEINBERG

SCHOOL OF JOURNALISM
Degree of Bachelor of Science
In Journalism

WALTER CHERRY BARNES
JOSEPH THOMAS CLANCY
ROBERT WILLIAMS DE WOLF, with
Honors
EDWARD FRANCIS DYKSTRA
ROBERT OGDEN GOOD

JOHN ROBERT GUTSELL
ARTHUR ROE LOOMIS
ROBERT MERRICK MITCHELL
JOHN PHILLIPPE RICHEY
ROBERT CALLEN RUSSELL

Degrees Conferred at Chicago

COLLEGE OF MEDICINE
Degree of Bachelor of Science
In Medicine

JOHN WILLIAM BALLOU
FLOYD SAMUEL BARRINGER
MICHAEL JOSEPH CAMPBELL
JACK WILLIAM MILLIS

EDWARD JOSEPH NAGODA
LEROY EUGENE WALTER
IRVING WEISSMAN

Degree of Bachelor of Medicine

GEORGE BUSH, B.S., 1937

MITCHELL LOUIS FRANK, B.S., 1937

COLLEGE OF DENTISTRY
Degree of Bachelor of Science
In Dentistry

JOHN VICTOR BORDEN

JAMES EUGENE SAYLER

COLLEGE OF PHARMACY
Degree of Bachelor of Science

In Pharmacy

HELEN MARCIA KRUPINSKI
NATHAN PICKMAN
JOSEPH RIMKUS

BERNARD IRVING SEAMANS
JAMES WILLARD TAYLOR

GRADUATE SCHOOL
Degree of Doctor of Philosophy
In Bacteriology

G. HOWARD GOWEN, B.S., M.D., Northwestern University, 1926; M.S., 1933.

Degree of Master of Science

In Bacteriology

EMILY REYNOLDS JONES, B.S., 1936.

ELLADEANE KORANDO SHOOP, B.Ed., Southern Illinois State Normal University,
1926.

In Juvenile Behavior

FRANCES CRANDELL PERCE, A.B., Smith College, 1928.

In Pharmacology

ELMER GUENTHER KING, B.S., 1936.

In Medicine

LOUIS ROBERT LIMARZI, B.S., M.D., 1928, 1931.

PURCHASES RECOMMENDED

(31) A recommendation that the following purchases be authorized:

1. X-ray equipment, consisting of one rebuilt Cassette charger, one rail-mounted tube stand and double-focus shock-proof tube, and one overhead system and installation as specified, from the General Electric X-Ray Corporation at a price of \$1,198.35. Funds are available in the special State appropriation for equipment for the Medical and Dental Building for this purpose.

2. One carload of fir lumber for the Physical Plant Department from the Edward Hines Lumber Company of Chicago, the lowest bidder, at a price of \$1,105.50.

3. Eight thousand soil maps of DeWitt County, for the Soil Survey Reports, from H. Huebinger, Chicago, the lowest bidder, at a price of \$1,520.74.

4. One Bell & Howell, Model 130, 16 mm. Sound Projector, from Bell & Howell Company, Chicago, at a price of \$1,220 f.o.b. Chicago. This is a non-competitive item, and the machine is needed to match equipment now in use.

On motion of Mrs. Freeman, these purchases were authorized as recommended.

RELEASE OF PATENT RIGHTS

(32) The Faculty Committee on Patents has considered the following discoveries made by members of the staff:

1. Mr. Charles L. Levesque, Fellow in Organic Chemistry, and Dr. Ralph V. Mazingo, Special Research Assistant in Chemistry,—a method of “reducing a toluene soluble polymer of ethyl acrylate with hydrogen in the presence of a copper-chromium oxide catalyst under high pressure to give an alcohol soluble polymer which is presumably a polyallyl alcohol.”

2. Dr. George F. Hibbert, Lecturer in the College of Medicine,—a vaccine which he has found useful in the treatment of trichomonad vaginitis.

The Committee recommends that the patent rights be released to the discoverers because in the first case the discovery is so technical that public interest would not be affected and does not require patent protection and because in the second case the discovery was not made on University time nor at University expense. Dr. Hibbert is an Instructor in Obstetrics and Gynecology on the Clinical staff, serving without compensation. He was formerly on the staff of Rush Medical College, and his work on this vaccine was started at that institution.

On motion of Mr. Karraker, these patent rights were released as recommended.

COOPERATIVE INVESTIGATION OF THE FATIGUE STRENGTH OF WELDED JOINTS FOR STRUCTURAL STEEL MEMBERS

(33) The Dean of the College of Engineering recommends authorization of an investigation of the fatigue strength of welded joints for structural steel members to be financed by the Engineering Foundation and the Bureau of Public Roads of the United States Department of Agriculture.

The Foundation has secured pledges in the amount of \$10,000 to carry on the investigation for a period of three years, of which \$5,000 has already been collected and \$1,500 deposited with the University. The Foundation will try to secure pledges for an additional \$10,000. It does not desire a formal agreement but is offering the funds to the University for this investigation, and I recommend acceptance of its offer.

I also recommend authorization of an agreement with the United States Bureau of Public Roads for a cooperative investigation covering this same project. This agreement (Project 5736.2) is drawn for the period of March 1 to June 30, 1938 (the Federal Government requires such agreements to be on the fiscal year basis), with provisions for its extension by mutual agreement. The Bureau agrees to pay not to exceed \$3,500 of the cost of the project and not to exceed 50 per cent of such cost in the event there is less than \$7,000.

The agreement conforms in all respects to the policies and statutes of the University relating to such research projects.

On motion of Mr. Cleary, the execution of this agreement was authorized as recommended.

**AGREEMENT WITH INSTITUTE OF AMERICAN POULTRY INDUSTRIES
FOR STUDY OF LITERATURE ON POULTRY AND EGGS**

(34) The Dean of the College of Agriculture recommends execution of an agreement with the Institute of American Poultry Industries, 110 North Franklin Street, Chicago, for the employment of a special part-time research assistant to review and abstract certain scientific literature on the subject of poultry and eggs, this study to be made by the University through the Agricultural Experiment Station.

The agreement is for a period beginning March 10 and continuing through June 30, 1938, with a provision for its extension by mutual consent. The Institute will pay the University the sum of \$360 covering the stipend of the special research assistant.

On motion of Mr. Karraker, the execution of this agreement was authorized.

COMMITTEE ON PURCHASE OF THE ILLINOIS UNION BUILDING

(35) At the meeting of the Board of Trustees on July 26, 1935 (Minutes, page 380), a special committee, consisting of Messrs. E. E. Barrett, Chairman, O. M. Karraker, and Harold A. Pogue, was appointed to consider the lease and possibly the eventual purchase of the Illinois Union Building by the University. There is also a committee of the faculty, consisting of Comptroller Lloyd Morey, Chairman, Dean Fred H. Turner, and Mr. C. S. Havens, which has been considering this matter.

The Board committee has had no opportunity to make a recommendation to the Board of Trustees, but has reported progress. The faculty committee has just submitted a report which should be considered by a committee of the Board, and I recommend that the special committee be reconstituted and an appointment be made to fill the vacancy created due to the expiration of the term of Mr. Barrett.

On motion of Mr. Karraker, this matter was referred, for consideration and report, to a special committee to be appointed by the President of the Board.

President Mayer later appointed the following special committee to consider this matter: Mr. Karraker, Chairman, Mr. Pogue, Mr. Moschel.

SCHOLARSHIPS IN AGRICULTURE AND HOME ECONOMICS

(36) Last year the Board had under consideration a proposal to discontinue the scholarships in Ceramic Engineering. On June 9, 1937 (Minutes, page 290), it voted to discontinue issuing new scholarships in Ceramics and Ceramic Engineering after 1937, but the proposed suspension of scholarships in Agriculture and Home Economics as an economy measure was deferred until the revenues of the University for the next biennium, 1937-1939, were definitely determined.

While this action specifies no definite period it was assumed that the scholarships in Agriculture and Home Economics would be continued at least during 1937-1939. The Illinois Farmers' Institute, which nominates candidates for these scholarships, has been advised that such scholarships will be awarded in 1938.

On motion of Mr. Karraker, this action was confirmed.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Becker, Mrs. Gertrude C., Stenographer in the Department of Agricultural Economics, in the Agricultural Experiment Station, for six months beginning March 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (March 2, 1938)¹

Bergmann, Howard Gordon, Assistant in Mathematics, on 8/15 time, for five months beginning February 1, 1938, at a cash compensation at the rate of eighty dollars (\$80) a month (this supersedes his previous appointment). (February 15, 1938)

Bonner, Priscilla, Assistant in Chemistry, on one-half time, beginning February 18, 1938, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes her previous appointment). (February 22, 1938)

Christian, William Arnold, Assistant in Medicine, in the College of Medicine, for six months beginning March 1, 1938, without salary. (March 2, 1938)

Dahmus, Maurice E., Vaughan Seed Company Scholar in Horticulture, for five months beginning February 1, 1938, at a stipendium at the rate of forty-five dollars (\$45) a month. (March 3, 1938)

Gustafson, Paul Victor, Assistant in Zoology, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 19, 1938)

Hess, Mrs. Beryl Iilene Schroeder, Teacher of Social Studies in the University High School, beginning February 10, 1938, and continuing through June 30, 1938, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (February 14, 1938)

Jesser, Joseph Herman, Assistant in Surgery, in the College of Medicine, beginning March 15, 1938, and continuing through August 31, 1938, without salary. (March 16, 1938)

Kelton, Stanton Coit, Assistant in Chemistry, on one-third time, for four months beginning March 1, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (March 2, 1938)

Krueger, Paul Frederick, Instructor in Bacteriology and Public Health, in the College of Medicine, beginning March 15, 1938, and continuing through August 31, 1938, without salary. (March 16, 1938)

Kruse, Harold W., Mechanician in the Department of Mining and Metallurgical Engineering, in the College of Engineering, and in the Engineering Experiment Station, for five months beginning April 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (March 7, 1938)

Liebman, Samuel, Assistant in Medicine, in the College of Medicine, for six months beginning March 1, 1938, without salary. (March 2, 1938)

McClure, Norman Bernardus, Instructor in Agricultural Education, on one-half time, beginning February 11, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of one thousand three hundred twenty-five dollars (\$1325) a year, in addition to one thousand three hundred twenty-five dollars (\$1325) a year paid by the Board of Education of Tolono, Illinois, for which the University assumes no responsibility. (February 16, 1938)

Pocras, Ethel, Junior Typist in the Bursar's Division of the Business Office, for six months beginning March 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 2, 1938)

Reifsteck, Mary Ann, Stenographer in the Bursar's Division of the Business Office, for six months beginning March 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (March 2, 1938)

Rendtorff, Robert Carlisle, Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division, on one-half time, beginning March 1, 1938, and continuing until further

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

notice, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 23, 1938)

Rieger, William Holley, Assistant in Chemistry, on one-third time, for four months beginning March 1, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (March 2, 1938)

Ross, Edward, Assistant in Psychiatry, in the College of Medicine, beginning March 15, 1938, and continuing through August 31, 1938, without salary. (March 9, 1938)

Soltan, Frank Daniel, Library Clerk in the Medical and Dental Library, beginning March 7, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 7, 1938)

Strobel, Charles Frederick, Assistant in Mathematics, on 7/15 time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (February 15, 1938)

Tinsley, Milton, Assistant in Neurology and Neurological Surgery, in the College of Medicine, for six months beginning March 1, 1938, without salary (this is in addition to his appointment as Second Year Resident in the Department of Neurology and Neurological Surgery). (March 2, 1938)

Welker, Everett Linus, Assistant in Mathematics, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 15, 1938)

RESIGNATIONS AND CANCELLATIONS

The Secretary presented also for record the following list of resignations and cancellations.

Bain, Byford W., Assistant in Agricultural Economics Extension, in the Extension Service in Agriculture and Home Economics—resignation effective March 15, 1938.

Cameron, Mrs. Julia Mockett, Assistant in Home Accounts, in the Department of Home Economics, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective February 20, 1938.

Dammers, Clifford R., Teacher of Social Studies in the University High School—resignation effective February 1, 1938.

De Trana, George Edward, Instructor in Medicine, in the College of Medicine—resignation effective March 1, 1938.

Ehlert, Edward, Library Clerk in the Medical and Dental Library—resignation effective February 21, 1938.

Gaard, Arvilla, Cooperating Teacher in the University High School, for the first semester of the academic year 1937-1938—cancellation effective September 1, 1937.

Hicks, Ruth, Cooperating Teacher in the University High School, for the first semester of the academic year 1937-1938—cancellation effective September 1, 1937.

Martinie, Mary Elizabeth, Stenographer in the Purchasing Division of the Business Office—resignation effective February 1, 1938.

Olson, Lawrence Carroll, Assistant in Soil Survey Analysis, in the Agricultural Experiment Station—resignation effective February 28, 1938.

Richards, Mrs. Calla Blaisdell, Stenographer in the Purchasing Division of the Business Office—resignation effective March 1, 1938.

Roper, Margaret, Cooperating Teacher in the University High School, for the first semester of the academic year 1937-1938—cancellation effective September 1, 1937.

Stevenson, Mae, Cooperating Teacher in the University High School, for the first semester of the academic year 1937-1938—cancellation effective September 1, 1937.

Thompson, Lawrence Raymond, Assistant in Chemistry—resignation effective March 1, 1938.

Veale, Paul Townsend, Assistant in Agronomy, in the Agricultural Experiment Station—resignation effective at the close of business February 28, 1938.

Webber, Pearl, Cooperating Teacher in the University High School, for the first semester of the academic year 1937-1938—cancellation effective September 1, 1937.

The Board adjourned, to meet on the call of the President.

H. E. CUNNINGHAM

Secretary

OSCAR G. MAYER

President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 27, 1938

Executive Committee Meetings of
April 27 and May 14, 1938



The April meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, April 27, 1938.

The following members were present: President Mayer, Mr. Adams, Mr. Karraker, Mr. Moschel, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and Professor Lloyd Morey, Comptroller.

As there was no quorum, the Board took a recess.

EXECUTIVE COMMITTEE MEETING, APRIL 27, 1938

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Wednesday, April 27, 1938, during the recess in the meeting of the Board held on the same day.

Mr. Oscar G. Mayer, Chairman, and Mr. Orville M. Karraker, member of the Executive Committee, were present; also Mr. Homer Mat Adams, Mr. Louis C. Moschel, and Mr. Harold A. Pogue, members of the Board, and President Arthur C. Willard, Mr. A. J. Janata, and Professor Lloyd Morey.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Executive Committee considered the following matters presented by the President of the University.

THE BUDGET FOR 1938-1939

(1) The University budget for the fiscal and academic years 1938-1939.

Mimeographed copies of the detailed budget were distributed to the members of the Executive Committee and to the members of the Board who were present, together with an analysis showing the income from all sources and the distribution of the proposed expenditures.

The Comptroller presented a statement showing the allocation of the income from state appropriations and the estimated income from all other sources available for the fiscal and academic years 1938-1939 for all budgetary purposes, as recommended by the President of the University.

Mr. Adams having raised the question of the wages of janitors in the Physical Plant Department, the President of the University presented the following statements on the wages of building and maintenance employees and the restoration of salaries of full-time members of the staff.

WAGES OF BUILDING AND MAINTENANCE EMPLOYEES

Last year the janitors in the Physical Plant Department requested an increase in their wages from a minimum of 50 cents per hour to a rate of 60 cents, effective July 1, 1937. On July 16, the Board of Trustees, after receiving a report from the Faculty Committee on Wages which had been asked to study the proposal, and after a hearing of a delegation representing the janitors, voted to increase their wages to 56 cents per hour effective July 1, 1937.

On April 11, 1938, the Grievance Committee of Building Service Employees, Local No. 19, affiliated with the American Federation of Labor, submitted a request to the Physical Plant Department for a wage scale of 60 cents per hour for regular time, time and one-half for overtime and Sundays, and double time for holidays, effective July 1, 1938. The latter two features have not appeared in previous requests. If this is approved it will mean an added expenditure of about \$14,000 a year for janitor service alone. The Faculty Committee on Wages has given this proposal its consideration and submits the following report:

"Janitors received in 1932-1933, 50¢ to 55¢ an hour, an average of about \$124 a month. Last year they received a maximum of 55¢ an hour and an average of \$116 to \$117 a month. For the current year they receive 56¢ an hour, an average of about \$122 a month. All of these figures include overtime, which, however, is smaller in amount now than in 1932-1933. The proposals

submitted by the janitors would represent an average of about \$125 a month excluding overtime.

"Janitors in other local institutions receive, according to latest information available, from \$75 to \$120 a month. The best scale of wages appears to be in the Champaign Public Schools where the scale is from \$90 to \$120 for regular time.

"At other universities, more or less comparable to Illinois, the rates of pay range from \$90 to \$125 a month.

"The Committee has considered carefully the latest request and again has reached the conclusion that it is not feasible to accede to this request for the following reasons:

"(1) The income for the current biennium consists mainly of State appropriations which are definitely set for two years in advance. Practically no change is possible during the second year of the biennium, since the income for that year is substantially the same as for the first year. Such increase as is available must be applied toward additional staff, both instructional and operating, and to such special adjustments as may be found necessary.

"(2) The general reserve of the University has suffered heavy inroads of an unexpected character during the past year due to the repairs necessary in the Auditorium and to the necessity of evacuating University Hall.

"(3) To make a general increase in any one group of employees would necessitate reconsideration of the rates for many other wage groups, especially in the Physical Plant and in Agriculture. The amount of such adjustments would at least equal the amount required to adjust janitors' wages, so that the total added expenditure probably would be from \$25,000 to \$30,000 a year. From the information we have, we are convinced the University budget would not stand such an addition.

"(4) To make a general revision in wages of employees at this time would bring the University face to face with a serious problem concerning its faculty. At the present time the salaries of approximately 25 per cent of the members of the staff are below the salaries received by these persons in 1932-1933. The average salary of the members of the instructional staff is about 10 per cent below that in effect in 1932-1933.

"In view of these considerations, the Committee feels that the only action that is possible on the petition of these employees is that it be received for consideration in connection with the budget of the next biennium.

"The Committee points out that the situation with respect to these employees is somewhat different than it was a few months ago. In the interval a division of the American Federation of Labor, embracing such employees, has been organized in this community and the majority of the University janitors have become members. The request for an increase in wages is now submitted by this organization. If this request is not granted the organization might see fit to call off its members from University service. It is possible that other divisions of the Federation of Labor might take similar action, in which case a problem of some proportions might be presented. Nevertheless, the Committee does not see how the request can be approved without reductions and revisions in the budget for the current year at other points with consequent results of a serious character."

RESTORATION OF SALARIES IN THE BUDGET FOR THE CURRENT YEAR (1937-1938)

During the current year (1937-1938) there are 355 full-time members of the staff whose salaries have not yet been restored to the 1932 basis preceding the two cuts which became effective March 1 and July 1, 1933. Among these are a number of individuals whom the heads of the departments and the deans of the colleges concerned would readily recommend for complete restoration if sufficient funds were available to provide for this as well as other educational needs. To restore the salaries of all of these people would involve an increase of approximately \$96,000 in the annual budget.

These matters were discussed with Director C. S. Havens, who was present for the purpose, and were referred to the President of the University for further study.

The President of the University presented the following recommendation:

APPROVAL OF THE BUDGET FOR 1938-1939

A recommendation that the following budget, covering the allocation of the University's income from all State appropriations (including the appropriation of the Revolving Fund representing all general income) as well as Federal funds and trust funds, and including provisions for all salaries, wages, operation, plant repairs and improvements, special, non-recurring appropriations, and all other expense for the fiscal year beginning July 1, 1938, and the academic year beginning September 1, 1938, be approved; that the President of the University be authorized to make such changes and adjustments as are needed, to make such additional appointments as are necessary, and to accept resignations offered, in accordance with the needs of the University and the equitable interests involved; and that the Executive Committee of the Board be hereby authorized to make appropriations from the General Reserve Fund and such other adjustments in the budget as may be needed from time to time whenever it is necessary to take such action in the absence of a quorum of the Board.

On motion of Mr. Karraker, the budget as printed below was approved as presented, and authority was granted as requested, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

GENERAL EXPLANATORY NOTES

Departmental appropriations are made under the captions "Salaries and Wages" and "Expense and Equipment." Unless otherwise indicated, no transfers may be made between these appropriation captions except with the approval of the President of the University, except that adjustments may be made between the "Wage" provisions and "Expense and Equipment" upon written request to the Comptroller.

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1. All balances remaining at the end of the term indicated or at August 31, lapse on those dates.

Funds appropriated for positions in the salary budget which are not yet filled may, pending regular appointments, be drawn against for services of an employee temporarily engaged to do the work contemplated by the position. Such temporary charges *may not exceed the amount of time provided by the position* unless otherwise approved by the President. When appointments are made at salary rates less than the amounts provided in the budget, the unused balance will lapse at that time.

Appropriations for Expense and Equipment and for Wages are available for one year beginning July 1 and ending June 30. These appropriations are based on an estimated distribution of expenditures according to the various budget classifications of "Office Expense, Travel, etc." Expenditures should be made in approximate accord with that distribution, material departure from which should be reported in advance to the Dean or Director or other officer concerned, and to the Comptroller. All unencumbered balances in these appropriations lapse June 30.

SUMMARY OF INTERNAL BUDGET FOR 1938-1939

The estimated income for the fiscal year 1938-1939 as shown by the attached summary is \$8,011,580. For the current year 1937-1938 the budget estimate of income was \$7,919,074 (Board Minutes, August 2, 1937, page 366) and the probable actual income will be \$7,945,324. The estimated income for the coming year therefore is \$66,256 greater than for 1937-1938, the difference appearing chiefly in Federal funds and in student fees.

The budget of expenditures for 1938-1939 totals \$7,972,121, made up as follows:

Salaries and wages.....	\$6 238 235
Expense and equipment.....	1 733 886

The total proposed expenditures for 1938-1939 are \$7,972,121, which, taken from an estimated income of \$8,011,580, leaves a reserve for adjustments and contingencies of \$39,459. To this reserve will be added any unencumbered balance which may remain at the close of the current fiscal year.

The increases represented by this budget over the budget for 1937-1938 as it now stands are as follows:

Salaries and wages.....	\$126 655
Regular expense and equipment.....	27 747
Special non-recurring items.....	-88 740
<i>Net increase.....</i>	<i>\$ 65 662</i>

The increase in salaries and wages is made up of the following principal items:

	<i>Educational and General Budget</i>	<i>Auxiliary Enterprises, Endowment Income, and Gifts</i>	<i>Total</i>
Addition of 50 persons to salaried staff.....	\$ 84 320	.....	\$ 84 320
Replacement of equivalent of 11 full-time persons in lower grades by persons of greater experience and higher rank.....	8 400	.....	8 400
Increases in salaries of present staff (238 persons)	40 354	\$ 300	40 654
New retirements less retiring allowances released through death (9 new retirements)	9 484	.....	9 484
Other salary budget adjustments.....	-5 857	.....	- 5 857
Adjustments to wages items.....	6 369	-16 715	-10 346
<i>Total.....</i>	<i>\$143 070</i>	<i>\$-16 415</i>	<i>\$126 655</i>

A list of proposed increases of \$200 or more to salaries of present staff appears in a schedule filed with the Secretary of the Board for record.

Increases in the expense and equipment budget are made up of the following principal items:

Physical Plant Department:

Heat, light, and water.....	\$17 300
Other items.....	2 100
Dairy Creamery—Expense and equipment.....	2 400
Military Department—Supplies and equipment.....	2 000
Home Economics Department—Supplies and equipment..	3 300
Physics Department—Supplies and equipment.....	2 000

In the budget of the current year there were appropriations of a special and non-recurring character amounting to \$88,740. Such appropriations are omitted from the proposed budget for 1938-1939, so that the budget is made up entirely of sums necessary for current operation and maintenance.

CONDENSED COMPARATIVE SUMMARY

	<i>Original Budget 1937-1938</i>	<i>Actual Income 1937-1938</i>	<i>Proposed Budget 1938-1939</i>
<i>Estimated Income</i>			
One-half state tax revenue appropriations			
for current expense.....	\$5 077 051	\$5 077 051	\$5 077 051
Federal funds in state treasury.....	132 211	132 211	163 318
Federal funds received direct.....	725 640	726 890	729 640
Student fees.....	1 228 800	1 253 800	1 300 000
Sales and services.....	336 787	336 787	339 446
<i>Sub-total</i>	(7 500 489)	(7 526 739)	(7 609 455)
Income of auxiliary enterprises.....	150 000	150 000	150 000
Endowment income and gifts.....	268 585	268 585	252 125
<i>Total, Estimated Income</i>	\$7 919 074	\$7 945 324	\$8 011 580
	<i>Original Budget 1937-1938</i>	<i>Budget 1937-1938 With Revisions to Date</i>	<i>Proposed Budget 1938-1939</i>
<i>Proposed Expenditures</i>			
Salaries and Wages.....	\$6 092 511	\$6 111 580	\$6 238 235
Expense and Equipment.....	1 790 708	1 794 879	1 733 886
<i>Total, Proposed Expenditures</i>	\$7 883 219	\$7 906 459	\$7 972 121
<i>Reserve</i>	\$ 35 855	\$ 38 865	\$ 39 459
	<i>Educational and General</i>	<i>Auxiliary Enterprises, Endowment Income, and Gifts</i>	<i>Total</i>
<i>Expenditures increase over 1937-1938</i>			
Salaries and Wages.....	\$ 143 070	\$-16 415	\$126 655
Other expense:			
Regular budget.....	27 792	-45	27 747
Special non-recurring items.....	-88 740	.....	-88 740
<i>Total other expense</i>	(-60 948)	(-45)	(-60 993)
<i>Net Totals</i>	\$ 82 122	\$-16 460	\$ 65 662

ESTIMATED INCOME, 1938-1939

<i>Educational and General</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
Student Fees:			
Gross.....	\$1 332 500	.....	\$1 332 500
Deduct: Estimated Refunds.....	32 500	.....	32 500
Net, Fees.....	(1 300 000)	.....	(1 300 000)
Interest on U. S. Land Grant Fund (from the State).....	32 451	.....	32 451
Public Appropriations:			
Federal:			
Morrill-Nelson Acts.....	50 000	.....	50 000
Bankhead-Jones Act (Teaching).....	113 318	.....	113 318
Hatch and Adams Acts.....	.....	\$30 000	30 000
Purnell Act.....	.....	60 000	60 000
Bankhead-Jones Act (Research).....	.....	65 052	65 052
Smith-Hughes Act.....	17 000	.....	17 000
Smith-Lever Acts (including Bankhead-Jones Extension).....	.....	505 627	505 627
Capper-Ketcham Act.....	.....	38 461	38 461
Additional Cooperative Extension Act..	.....	13 500	13 500
Total, Federal.....	(180 318)	(712 640)	(892 958)
State:			
One-half Biennial Appropriation for current expense from tax revenues... 5 034 600	.....	5 034 600	.....
Cook County Experiment Station....	.....	10 000	10 000
Total, State.....	(5 034 600)	(10 000)	(5 044 600)
Total, Public Appropriations.....	(5 214 918)	(722 640)	(5 937 558)
Sales and Services of Educational Departments, and Miscellaneous Sources:			
Medicine.....	25 000	.....	25 000
Dentistry.....	37 000	.....	37 000
Agriculture.....	300	178 950	179 250
All Other.....	67 700	30 496	98 196
Total, Sales, Services, and Miscellaneous Sources.....	(130 000)	(209 446)	(339 446)
Total, Educational and General.....	(6 677 369)	(932 086)	(7 609 455)
Auxiliary Enterprises and Activities.....	.....	150 000	150 000 ¹
Endowment Income and Expendable Gift Funds			
Educational Purposes:			
Endowment Income.....	.....	6 900	6 900
Gifts.....	.....	216 200	216 200
Total.....	.....	(223 100)	(223 100)
Non-Educational Purposes:			
Endowment Income.....	.....	13 925	13 925
Gifts.....	.....	15 100	15 100
Total.....	.....	(29 025)	(29 025)
Total, Endowment Income and Expendable Gift Funds.....	.....	(252 125)	(252 125)
Grand Total, Estimated Income.....	\$6 677 369	\$1 334 211	\$8 011 580
Appropriations.....	6 637 910	1 334 211	7 972 121
Unappropriated Balance.....	\$ 39 459	.....	\$ 39 459

¹Net after deducting estimated surplus included in general income for educational and general purposes.

SUMMARY OF BUDGET APPROPRIATIONS, 1938-1939

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
General Administrative Offices and General Expense.....	\$490 345	\$18 296	\$508 641
Instruction and Departmental Research:			
Colleges, Schools, and Departments:			
Liberal Arts and Sciences.....	1 274 412	.....	1 274 412
Journalism.....	32 760	.....	32 760
Commerce.....	230 761	.....	230 761
Education.....	176 069	.....	176 069
Engineering.....	534 507	.....	534 507
Agriculture.....	325 932	50 350	376 282
Library School.....	34 300	.....	34 300
Law.....	68 455	.....	68 455
Fine and Applied Arts.....	219 931	200	220 131
Physical Education.....	167 260	.....	167 260
Military.....	16 745	800	17 545
Military Bands.....	14 470	3 200	17 670
Summer Session.....	112 000	.....	112 000
Medicine.....	547 955	.....	547 955
Dentistry.....	157 002	.....	157 002
Pharmacy.....	103 122	.....	103 122
University Extension.....	25 000	8 000	33 000
<i>Total</i>	(4 040 681)	(62 550)	(4 103 231)
Organized Activities Relating to Instructional Departments (self-supporting)			
—Agriculture.....	.....	65 700	65 700
<i>Total, Instruction and Departmental Research</i>	(4 040 681)	(128 250)	(4 168 931)
Organized Research:			
Bureau of Business Research.....	10 175	.....	10 175
Bureau of Educational Research.....	9 078	.....	9 078
Engineering Experiment Station.....	114 954	.....	114 954
Agricultural Experiment Station.....	387 378	220 952	608 330
Graduate School.....	102 500	.....	102 500
<i>Total, Organized Research</i>	(624 085)	(220 952)	(845 037)
Agricultural Extension.....	.....	564 588	564 588
Libraries.....	385 347	.....	385 347
Physical Plant Operation and Maintenance.....	1 011 452	.....	1 011 452
Rental of Medical and Dental College Laboratory Building.....	86 000	.....	86 000
<i>Total, Educational and General</i>	(6 637 910)	(932 086)	(7 569 996)
<i>Auxiliary Enterprises</i>.....	.....	150 000	150 000
<i>Endowment Income and Gift Funds</i>			
Educational Purposes.....	.....	223 100	223 100
Non-Educational Purposes.....	.....	29 025	29 025
<i>Total, Endowment Income and Gift Funds</i>.....	.....	(252 125)	(252 125)
<i>Grand Total</i>	\$6 637 910	\$1 334 211	\$7 972 121

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
General Administrative Offices and General Expense.....	\$369 975	\$138 666	\$508 641
Instruction and Departmental Research:			
Colleges, Schools, and Departments:			
Liberal Arts and Sciences.....	1 143 650	130 762	1 274 412
Journalism.....	28 670	4 090	32 760
Commerce.....	225 786	4 975	230 761
Education.....	164 535	11 534	176 069
Engineering.....	490 253	44 254	534 507
Agriculture.....	303 964	72 318	376 282
Library School.....	31 970	2 330	34 300
Law.....	65 960	2 495	68 455
Fine and Applied Arts.....	207 114	13 017	220 131
Physical Education.....	146 400	20 860	167 260
Military.....	11 790	5 755	17 545
Military Bands.....	12 720	4 950	17 670
Summer Session.....	109 000	3 000	112 000
Medicine.....	442 977	104 978	547 955
Dentistry.....	127 243	29 759	157 002
Pharmacy.....	89 742	13 380	103 122
University Extension.....	16 475	16 525	33 000
<i>Total.....</i>	<i>(3 618 249)</i>	<i>(484 982)</i>	<i>(4 103 231)</i>
Organized Activities Relating to Instructional Departments—Agriculture....	19 497	46 203	65 700
<i>Total, Instruction and Departmental Research.....</i>	<i>(3 637 746)</i>	<i>(531 185)</i>	<i>(4 168 931)</i>
Organized Research:			
Bureau of Business Research.....	8 025	2 150	10 175
Bureau of Educational Research.....	8 500	578	9 078
Engineering Experiment Station.....	96 822	18 132	114 954
Agricultural Experiment Station.....	442 302	166 028	608 330
Graduate School.....	72 820	29 680	102 500
<i>Total, Organized Research.....</i>	<i>(628 469)</i>	<i>(216 568)</i>	<i>(845 037)</i>
Agricultural Extension.....	452 893	111 695	564 588
Libraries.....	231 207	154 140	385 347
Physical Plant Operation and Maintenance	679 630	331 822	1 011 452
Rental of Medical and Dental College Laboratory Building.....	.....	86 000	86 000
<i>Total, Educational and General.....</i>	<i>(5 999 920)</i>	<i>(1 570 076)</i>	<i>(7 569 996)</i>
<i>Auxiliary Enterprises and Activities.....</i>	<i>44 915</i>	<i>105 085</i>	<i>150 000</i>
<i>Endowment Income and Gift Funds</i>			
Educational Purposes.....	168 700	54 400	223 100
Non-Educational Purposes.....	24 700	4 325	29 025
<i>Total, Endowment Income and Gift Funds.....</i>	<i>(193 400)</i>	<i>(58 725)</i>	<i>(252 125)</i>
<i>Grand Total.....</i>	<i>\$6 238 235</i>	<i>\$1 733 886</i>	<i>\$7 972 121</i>

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFTS, AND OTHER TRUST FUNDS

The balances and receipts of the following trust funds are appropriated for the purposes of the respective funds with the provision that the expenditures shall not exceed the receipts and balances of the individual funds. The details as to individual funds and amounts are shown in the summaries of colleges and schools.

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction and Departmental Research:			
Liberal Arts and Sciences.....	\$ 200	.....	\$ 200
Commerce and Business Administration.....	3 500	.....	3 500
Fine and Applied Arts.....	1 000	\$ 350	1 350
Physical Education.....	.....	350	350
Medicine.....	700	50	750
<i>Total, Instruction and Departmental Research</i>	(5 400)	(750)	(6 150)
Organized Research:			
Liberal Arts and Sciences.....	21 800	3 000	24 800
Commerce and Business Administration.....	1 500	.....	1 500
Engineering Experiment Station.....	87 000	33 000	120 000
Agricultural Experiment Station.....	20 600	4 400	25 000
Medicine.....	30 900	4 100	35 000
Dentistry.....	1 500	.....	1 500
<i>Total, Organized Research</i>	(163 300)	(44 500)	(207 800)
Libraries.....	.....	8 500	8 500
Physical Plant Operation and Maintenance.....	.....	650	650
<i>Total, Educational and General</i>	(168 700)	(54 400)	(223 100)
Non-Educational Purposes			
Scholarships, Fellowships, and Prizes.....	24 700	525	25 225
Miscellaneous.....	.....	3 800	3 800
<i>Total, Non-Educational Purposes</i>	(24 700)	(4 325)	(29 025)
<i>Grand Total</i>	\$193 400	\$58 725	\$252 125 ¹

¹Distributed as follows:

	<i>Educational and General</i>	<i>Scholarships, Fellowships, and Prizes</i>	<i>Miscella- neous</i>	<i>Total</i>
From Endowment Income.....	\$ 6 900	\$10 125	\$3 800	\$ 20 825
From Gifts.....	216 200	15 100	.....	131 300

THE SALARY BUDGET

Explanatory Notes

Unless otherwise indicated in the Budget:

1. All appointments begin September 1, 1938.
2. C. S. (Civil Service) appointments are for one year. Appointees to stenographic and clerical positions are assigned to departments at the convenience of the University. The University reserves the right to change such assignments during the year if the needs of the University and of the departments require such action.
3. The service required under appointments in this budget to positions on the teaching faculty covers the academic year of the University, not including the Summer Session. Salaries of such positions of the rank of Associate and above are paid in twelve equal monthly installments; salaries of other ranks, in ten equal monthly installments.
4. The service required in all positions in experiment stations and bureaus of research, and in research positions in other departments, is for a full year of twelve months, with allowance of one month for vacations, and salaries are paid in twelve equal monthly installments.
5. The service required in all other positions—administrative, clerical, and service positions—is for a full year of twelve months, with allowance for vacations, and salaries are paid in twelve equal monthly installments.

Symbols

- A—Indefinite tenure.
- B—Two years from September 1, 1937.
- D—One year from September 1, 1938.
- E—Ten months from September 1, 1938.
- F—Special tenure.
- H—July 1, 1938, to June 30, 1939. (All wage items fall in this group).

Part time

When any of the above symbols is combined with a number, the number indicates the fraction of time in per cent covered by the position.

GENERAL ADMINISTRATIVE OFFICES AND DEPARTMENTS AND GENERAL EXPENSE

Summary

<i>Administrative Offices and General Departments</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Board of Trustees.....	\$ 800	\$13 425	\$14 225
President's Office.....	38 954	2 700	41 654
Provost's Office.....	15 100	2 400	17 500
University Counsel.....	10 200	800	11 000
Business Office—Urbana.....	83 581	14 600	98 181
Business Office—Chicago.....	15 100	2 100	17 200
<i>Total, Business Office.....</i>	<i>(98 681)</i>	<i>(16 700)</i>	<i>(115 381)</i>
Registrar's Office—Urbana.....	38 849	15 227	54 076
Registrar's Office—Chicago.....	6 730	500	7 230
<i>Total, Registrar's Office.....</i>	<i>(45 579)</i>	<i>(15 727)</i>	<i>(61 306)</i>
Dean of Men.....	25 380	3 486	28 866
Dean of Women.....	14 590	2 250	16 840
Information Office.....	5 250	159	5 409
University Press.....	14 560	15 100	29 660
High School Visitor.....	17 100	3 500	20 600
High School Conference.....	2 000 ¹	1 500	3 500
Public Information.....	6 714	3 539	10 253
Radio Station.....	11 551	7 635	19 186
Alumni Records—General.....	12 080	8 150	20 230
Alumni Records—Chicago.....	1 500	500	2 000
Bureau of Institutional Research.....	13 575	950	14 525
<i>General Expense</i>			
General Printing and Publishing.....	1 000 ¹	2 000	3 000
Honors Day.....	70 ¹	430	500
Commencement—Urbana and Chicago.....	350 ¹	4 650	5 000
Visiting Professorships, Lectures, and Other Functions.....	2 000 ¹	1 200	3 200
Freshman Week.....	75 ¹	1 425	1 500
Injuries to Employees.....	1 000 ¹	1 000	2 000
Public Functions.....	500 ¹	2 000	2 500
Incidental and Emergency Fund.....	200 ¹	1 800	2 000
Membership in Organizations.....	.....	510	510
Faculty Committee on Patents.....	.....	1 000	1 000
Committee on Guidance Conferences.....	.....	1 000	1 000
Death Benefits.....	15 000 ¹	.....	15 000
McKinley Hospital.....	3 100	7 900	11 000
University of Illinois Foundation.....	.....	10 000	10 000
<i>Sub-total.....</i>	<i>(356 909)</i>	<i>(133 436)</i>	<i>(490 345)</i>
<i>Revolving Funds</i>			
Entrance Examinations Fund.....	6 134	1 930	8 064
Accountancy Fund.....	6 932	3 300	10 232
<i>Total, Revolving Funds.....</i>	<i>(13 066)</i>	<i>(5 230)</i>	<i>(18 296)</i>
<i>Total.....</i>	<i>\$369 975</i>	<i>\$138 666</i>	<i>\$508 641</i>

¹All wages.

BOARD OF TRUSTEES

		<i>Salary</i>
1. H. E. Cunningham, Secretary, Board of Trustees.....		.....
(Salary under University Press)		
2. Wages.....	H	\$ 800
<i>Total, Board of Trustees.....</i>		<i>\$ 800</i>

PRESIDENT'S OFFICE

1. A. C. Willard, President.....	A	\$ 15 000 ¹
2. David Kinley, President and Professor of Economics, <i>Emeritus</i>		3 000
(See Economics.....)		3 000)
(Total salary.....)		6 000)
3. A. H. Daniels, Acting President and Professor of Philosophy,		
<i>Emeritus</i>		1 954
(See Philosophy.....)		3 000)
(Total salary.....)		4 954)
4. A. J. Janata, Assistant to the President.....	D	6 000
5. H. B. Johnston, Executive Secretary (C. S.).....	D	4 500
6. A. R. Lee, Chief Clerk (C. S.).....	D	2 000
7. _____, Stenographer (C. S.).....	D	1 500
8. Lucille M. Copper, Stenographer (C. S.).....	D	1 400
9. Mrs. Marie M. Bierfeldt, Stenographer (C. S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		<i>(36 854)</i>
10. Wages.....	H	2 100
<i>Total, President's Office.....</i>		<i>\$ 38 954</i>

PROVOST'S OFFICE

1. A. J. Harno, Provost.....	D ⁴⁰	\$ 3 600
(See College of Law.....)	B ⁶⁰	5 400)
(Total salary.....)		9 000)
2. Mrs. Jessie Howard, Research Assistant.....	D	1 800
3. _____, Educational Consultant.....	D	} 6 700
4. _____, Secretary to the Provost (Exempt).....	D	
5. _____, Stenographer (C. S.).....	D	
<i>Sub-total, Salaries.....</i>		<i>(12 100)</i>
6. Wages.....	H	3 000
<i>Total, Provost's Office.....</i>		<i>\$ 15 100</i>

UNIVERSITY COUNSEL

1. Sveinbjorn Johnson, University Counsel.....	D	\$ 8 500
Professor of Law.....	A	.....
2. Naomi Fleming, Secretary (C. S.).....	D	1 700
<i>Total, University Counsel.....</i>		<i>\$ 10 200</i>

BUSINESS OFFICE, URBANA

(The divisions into which this budget is divided
are for administrative convenience only.)

General

1. Lloyd Morey, Comptroller.....	D	\$ 8 500
Professor of Accountancy.....	A	.....
2. Arthur Lincicome, Auditor and Assistant to the Comptroller		
(C. S.).....	D	4 000
3. S. C. Smith, Assistant Auditor (C. S.).....	D	2 600
4. Merle M. Rhoads, Chief Clerk (C. S.).....	D	2 000
5. Gladys L. Paul, Stenographer (C. S.).....	D	1 500
6. _____, Junior Accountant (Student).....	D ⁵⁰	600
7. _____, Junior Accountant (Student).....	D ⁵⁰	600

¹With house and automobile.

		Salary
<i>Accounting Division</i>		
8. C. H. Pratt, Chief Accountant (C. S.)	D	4 350
9. L. M. Dahlenburg, Assistant Chief Accountant (C. S.)	D	2 800
10. C. C. DeLong, Senior Accountant (C. S.)	D90	1 800
(See Accountancy Fund)	D10	200)
(Total salary)		2 000)
11. G. A. DaCosta, Junior Accountant (C. S.)	D43	605
(See Residence Halls)	D49	675)
(See McKinley Hospital)	D08	100)
(Total salary)		1 380)
12. P. E. Cameron, Junior Accountant (C. S.)	D	1 200
13. P. G. Philbin, Junior Accountant (C. S.)	D	1 200
14. L. A. Williamson, Clerk (C. S.)	D	1 080
15. J. R. Carlson, Bookkeeper (C. S.)	D	1 140
16. R. A. Henderson, Bookkeeper (C. S.)	D	1 020
17. Naomi L. Leonard, Clerk and Typist (C. S.)	D	1 260
18. Alyce Sluder, Stenographer (C. S.)	D	1 080
19. Rudolph Ogden, Typist (C. S.)	D	1 080
20. Marjorie Stillwell, Typist (C. S.)	D	1 020
21. B. J. Kahrhoff, Typist (C. S.)	D	960
<i>Bursar's Division</i>		
22. C. A. Webber, Bursar (C. S.)	D	4 000
23. H. A. Hazleton, Assistant Bursar (C. S.)	D	2 800
24. J. I. Johnson, Head Cashier (C. S.)	D	1 920
25. N. D. Hodges, Student Loan Assistant	D	.....
(From Student Loan Income)		1 900)
26. G. W. Michael, Assistant Cashier (C. S.)	D	1 500
27. R. F. Wood, Junior Accountant (C. S.)	D	1 380
28. Mrs. Hortense S. Johnson, Payroll Clerk (C. S.)	D	1 500
29. Cecil Swinehart, Assistant Cashier (C. S.)	D	1 260
30. Gladys Hollingshead, Typist (C. S.)	D	1 200
31. A. B. Carson, Junior Typist (C. S.)	D	1 140
32. _____, Stenographer (C. S.)	D	1 080
33. Mary A. Reifsteck, Senior Stenographer (C. S.)	D	1 080
34. Ethel Pocras, Typist (C. S.)	D	960
<i>Purchasing Division</i>		
35. H. M. Edwards, Purchasing Agent (C. S.)	D83	5 050
(See Business Organization and Operation)	F17	200)
(Total salary)		5 250)
36. Clarence P. Slater, Assistant Purchasing Agent (C. S.)	D	3 500
37. W. M. Tullock, Traffic Assistant (C. S.)	D	2 700
38. H. F. Thornes, Junior Assistant Purchasing Agent (C. S.)	D	2 000
39. E. G. Smith, Clerk (C. S.)	D	1 800
40. Zella Ulum, Stenographer (C. S.)	D	1 560
41. _____, Stenographer (C. S.)	D	1 080
42. _____, Stenographer (C. S.)	D	1 020
43. J. M. Lindgren, Technical Analyst and Supervisor of General Chemical Storeroom	D	.....
(From Applied Chemistry Testing Fund)		1 637)
(From General Chemical Storeroom)		1 163)
(See Chemistry, Item 42)		500)
(From Athletic Association)		1 800)
(Total salary)		5 100)
44. C. C. Crawford, Storekeeper (C. S.)	D	1 800)
(From General Chemical Storeroom)		.....
45. W. L. Bennett, Stock Record Clerk (C. S.)	D	1 800)
(From General Chemical Storeroom)		.....
46. F. C. Pearson, Storekeeper (C. S.)	D	1 800)
(From Office Supply Storeroom)		.....

		<i>Salary</i>
47. ———, Junior Accountant (C. S.).....	D	.....
(From Tabulating Machine Operation.....)		I 500)
48. J. W. Zaschoche, Tabulating Equipment Operator (C. S.).....	D	.....
(From Tabulating Machine Operation.....)		I 140)
49. W. K. Lumsden, Storekeeper, <i>Retired</i> (C. S.).....		856
<i>Sub-total, Salaries</i>		(79 781)
50. Wages.....	H	3 800
<i>Total, Business Office, Urbana</i>		\$ 83 581

BUSINESS OFFICE, CHICAGO

1. J. E. Millizen, Business Agent (C. S.).....	D	\$ 4 800
2. J. F. Knight, Junior Assistant Purchasing Agent (C. S.).....	D	2 400
3. Mrs. Florence Nelson, Junior Accountant (C. S.).....	D	I 800
4. David Henze, Storekeeper and Cashier (C. S.).....	D	I 800
5. Mrs. Miriam Stillman, Senior Clerk (C. S.).....	D	I 540
6. Gertrude Goatley, Senior Stenographer (C. S.).....	D	I 440
7. Mrs. Lucille Adams, Senior Stenographer (C. S.).....	D	I 320
8. ———, Dental Storekeeper (C. S.).....	D	.....
(From Dental Supply Room Overhead.....)		I 620)
9. ———, Junior Clerk (C. S.).....	D	.....
(From Chicago General Storeroom Overhead.....)		I 200)
<i>Total, Business Office, Chicago</i>		\$ 15 100

REGISTRAR'S OFFICE, URBANA

(The divisions into which this budget is divided
are for administrative convenience only.)

1. G. P. Tuttle, Registrar (C. S.).....	D	\$ 5 500
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Division of Admissions

2. D. A. Grossman, Examiner (C. S.).....	D72	3 096
(See Accountancy Fund.....)	D20	860)
(See Entrance Examinations Fund.....)	D08	344)
(Total salary.....)		4 300)
3. E. J. Smith, Assistant Examiner (Student).....	D15	225
(See Entrance Examinations Fund.....)	D60	930)
(Total salary.....)		I 155)
4. Harriet E. Hamm, Assistant Examiner (C. S.).....	D	2 100
5. M. Zella Hall, Assistant Examiner (C. S.).....	D46	968
(See Accountancy Fund.....)	D54	I 132)
(Total salary.....)		2 100)

Division of Records

6. E. C. Seyler, Recorder (C. S.).....	D	3 300
7. L. A. Boice, Recorder, <i>Emeritus</i>		I 480
8. Mrs. Tabitha B. Ridge, Assistant Recorder (C. S.).....	D	I 800
9. M. Priscilla Howe, Assistant Recorder (C. S.).....	D	2 000
10. Dorothy Clark, Assistant Recorder (C. S.).....	D	I 700
11. Verna L. Everett, Record Clerk (C. S.).....	D	I 100
12. Rosene A. Hawthorne, Record Clerk (C. S.).....	D	I 300
13. Vivian Glenn, Record Clerk (C. S.).....	D	I 000
14. Ruth G. Clinite, Record Clerk (C. S.).....	D	920
15. Olive E. Walker, Record Clerk (C. S.).....	D	960

Division of Statistics

16. Mary E. Johnston, Record Clerk (C. S.).....	D	I 400
17. Helen A. Pleshar, Record Clerk (C. S.).....	D	I 020

General Assistants

18. Alta Bagott, Filing Clerk (C. S.).....	D80	I 200
(See Entrance Examinations Fund.....)	D20	300)
(Total salary.....)		I 500)

			Salary
19. Mrs. Lucy J. Tucker, General Assistant (C. S.).....	D90		860
(See Entrance Examinations Fund.....)	D10		100)
(Total salary.....)			960)
20. Carrie McGreevy, Head Stenographer (C. S.).....	D64		960
(See Accountancy Fund.....)	D36		540)
(Total salary.....)			1 500)
21. Margaret E. Ryan, Stenographer (C. S.).....	D		960
22. Lillian R. Swain, Stenographer (C. S.).....	D		.....
(See Entrance Examinations Fund.....)			960)
<i>Sub-total, Salaries.....</i>			(33 849)
23. Wages.....	H		5 000
<i>Total, Registrar's Office, Urbana</i>			\$ 38 849

REGISTRAR'S OFFICE, CHICAGO

1. George R. Moon, Examiner and Recorder (C. S.).....	D50	\$ 2 200
(See Medicine, Administration.....)	D50	2 200)
(Total salary.....)		4 400)
2. Velma M. Davis, Assistant to Examiner and Recorder (C. S.)...	D	1 500
3. Mrs. Ethel Engeljohn, Junior Registration Clerk (C. S.).....	D33	600
(See Medicine, Administration.....)	D67	1 200)
(Total salary.....)		1 800)
4. Therese Stadler, Clerk and Stenographer (C. S.).....	D	1 300
5. Eleanor H. Nedwick, Clerk and Stenographer (C. S.).....	D	1 080
<i>Sub-total, Salaries.....</i>		(6 680)
6. Wages.....	H	50
<i>Total, Registrar's Office, Chicago.....</i>		\$ 6 730

DEAN OF MEN

1. F. H. Turner, Dean of Men.....	B	\$ 5 560
2. C. R. Frederick, Assistant Dean of Men.....	D	3 200
3. G. W. Peck, Assistant Dean of Men.....	D	2 400
4. G. A. McConnell, Assistant to the Dean of Men (Student)....	D	1 600 ¹
5. Hazel A. Yates, Secretary to the Dean of Men (Exempt).....	D	1 600
6. _____, Clerk and Stenographer (C. S.).....	D	1 020
<i>Sub-total, Salaries.....</i>		(15 380)
7. Wages.....	H	10 000
<i>Total, Dean of Men.....</i>		\$ 25 380

DEAN OF WOMEN

1. Maria Leonard, Dean of Women.....	B	\$ 5 560
2. Irene D. Pierson, Assistant Dean of Women.....	D	2 500
3. Mildred A. Fisher, Assistant to the Dean of Women (C. S.)...	D67	1 100
(See Residence Halls.....)	D33	500)
(Total salary.....)		1 600)
4. Frances E. Swanson, Secretary (Exempt).....	D	1 800
5. Frances M. Stiritz, Stenographer (C. S.).....	D	1 140
<i>Sub-total, Salaries.....</i>		(12 100)
6. Wages.....	H	2 490
<i>Total, Dean of Women.....</i>		\$ 14 590

INFORMATION OFFICE

1. H. E. Cunningham, Director.....	D	.....
(Salary under University Press)		
2. Anna L. Neuber, Assistant Director (C. S.).....	D	\$ 2 850
<i>Sub-total, Salaries.....</i>		(2 850)
3. Wages.....	H	2 400
<i>Total, Information Office.....</i>		\$ 5 250

¹With privilege of taking not to exceed 8 hours of work in the College of Law.

UNIVERSITY PRESS

		<i>Salary</i>
1. H. E. Cunningham, Director of the University Press and Information Office.....	D	\$ 5 500
2. H. C. Oesterling, Editor (C. S.).....	D	3 700
3. Maude Archdeacon, Chief Clerk (C. S.).....	D	1 700
4. Helen L. Smith, Editorial Assistant (C. S.).....	D	1 460
5. _____, Editorial Assistant (C. S.).....	D	1 200
6. C. W. Reagan, Superintendent of Print Shop (C. S.).....	D	.....
(From Print Shop.....)		4 200)
7. C. E. Herman, Assistant Superintendent of Print Shop (C. S.).....	D	.....
(From Print Shop.....)		3 400)
8. W. V. Munnis, Junior Accountant (C. S.).....	D	.....
(From Print Shop.....)		1 900)
9. Lillian A. Weinheimer, Proofreader (C. S.).....	D	.....
(From Print Shop.....)		1 300)
10. Frances Mercer, Proofreader (C. S.).....	D	.....
(From Print Shop.....)		1 300)
<i>Sub-total, Salaries.....</i>		(13 560)
11. Wages.....	H	1 000
<i>Total, University Press.....</i>		\$ 14 560

HIGH SCHOOL VISITOR

1. A. W. Clevenger, High School Visitor with rank of Professor..	D	\$ 5 300
2. H. D. Trimble, Assistant High School Visitor.....	D	3 800
3. F. C. Hood, Assistant High School Visitor.....	D	3 000
4. C. M. Campbell, Assistant High School Visitor.....	D	2 800
5. Frances M. Laughner, Secretary (C. S.).....	D	1 600
<i>Sub-total, Salaries.....</i>		(16 500)
6. Wages.....	H	600
<i>Total, High School Visitor.....</i>		\$ 17 100

PUBLIC INFORMATION

1. J. F. Wright, Director.....	D60	\$ 3 849
(See Radio Station.....)	D40	1 751)
(See School of Journalism.....)	A)
(Total salary.....)		5 600)
2. F. E. Schooley, Assistant to Director.....	D25	715
(See Radio Station.....)	D50	1 435)
(See School of Journalism.....)	E25	700)
(Total salary.....)		2 850)
3. Mrs. Juanita Gates, Secretary (C. S.).....	D50	750
(See Radio Station.....)	D50	750)
(Total salary.....)		1 500)
<i>Sub-total, Salaries.....</i>		(5 314)
4. Wages.....	H	1 400
<i>Total, Public Information.....</i>		\$ 6 714

RADIO STATION

1. J. F. Wright, Director.....	D40	\$ 1 751
(See Public Information.....)	D60	3 849)
(See School of Journalism.....)	A)
(Total salary.....)		5 600)
2. F. E. Schooley, Assistant to Director.....	D50	1 435
(See Public Information.....)	D25	715)
(See School of Journalism.....)	E25	700)
(Total salary.....)		2 850)
3. Mrs. Juanita Gates, Secretary (C. S.).....	D50	750
(See Public Information.....)	D50	750)
(Total salary.....)		1 500)
4. A. J. Ebel, Technician-Chief Engineer.....	D	1 900

		Salary
5. A. E. Cohen, Musical Director.....	E35	665
(See School of Music.....)	E65	1 235)
(Total salary.....)		1 900)
<i>Sub-total, Salaries.....</i>		(6 501)
6. Wages.....	H	5 050
<i>Total, Radio Station.....</i>		\$ 11 551

ALUMNI RECORDS—GENERAL

1. Carl Stephens, Director of Alumni Relations (C. S.).....	D63	\$ 3 000
(Paid by Alumni Association.....)	D37	1 800)
(Total salary.....)		4 800)
2. Gleyln Goodwine, Alumni Recorder (C. S.).....	D78	2 530
(Paid by Alumni Association.....)	D22	720)
(Total salary.....)		3 250)
3. Mrs. Ramona L. Walker, Junior Accountant (C. S.).....	D93	1 500
(Paid by Alumni Association.....)	Do7	100)
(Total salary.....)		1 600)
4. Christine F. Aden, Clerk and Typist (C. S.).....	D	1 325
5. Mrs. Ellen R. Trefftz, Editorial Assistant (C. S.).....	D	1 300
6. R. K. Lumsden, Clerk (C. S.).....	D	1 425
<i>Sub-total, Salaries.....</i>		(11 080)
7. Wages.....	H	1 000
<i>Total, Alumni Records—General.....</i>		\$ 12 080

BUREAU OF INSTITUTIONAL RESEARCH

1. C. R. Griffith, Director.....	D75	\$ 4 875
(See Education.....)	A25	1 625)
(Total salary.....)		6 500)
2. A. H. Winakor, Statistician.....	D	3 000
3. Kathryn Rothert, Research Assistant.....	D	1 200
4. Genevieve Vencill, Clerk (C. S.).....	D	1 400
5. Lydia Hansen, Secretary (C. S.).....	D	1 400
6. Mary E. Brown, Stenographer (C. S.).....	D	1 200
<i>Sub-total, Salaries.....</i>		(13 075)
7. Wages.....	H	500
<i>Total, Bureau of Institutional Research.....</i>		\$ 13 575

McKINLEY HOSPITAL

(University appropriation only)

1. Mrs. Lois Hoag, Superintendent of McKinley Hospital (C. S.).....	D	\$ 2 100 ¹
2. _____, Dietitian (C. S.).....	E	900
3. G. A. DaCosta, Junior Accountant (C. S.) (See Business Office, Item 11).....	Do8	100
<i>Total, McKinley Hospital.....</i>		\$ 3 100

ENTRANCE EXAMINATIONS (REVOLVING FUND)

1. D. A. Grossman, Examiner (C. S.).....	Do8	\$ 344
(See Registrar's Office.....)	D72	3 096)
(See Accountancy Fund.....)	D20	860)
(Total salary.....)		4 300)
2. E. J. Smith, Assistant Examiner (Student).....	D60	930
(See Registrar's Office.....)	D15	225)
(Total salary.....)		1 155)
3. Alta Bagott, File Clerk (C. S.).....	D20	300
(See Registrar's Office.....)	D80	1 200)
(Total salary.....)		1 500)

¹With maintenance, including living quarters, board, and laundry, while hospital is in operation.

		<i>Salary</i>
4. Mrs. Lucy J. Tucker, General Assistant (C. S.).....	D10	100
(See Registrar's Office.....)	D90	860)
(Total salary.....)		960)
5. Lillian R. Swain, Stenographer (C. S.).....	D	960
<i>Sub-total, Salaries.....</i>		(2 634)
6. Wages.....	H	3 500
<i>Total, Entrance Examinations Fund.....</i>		\$ 6 134

COMMITTEE ON ACCOUNTANCY (REVOLVING FUND)

1. D. A. Grossman, Examiner (C. S.).....	D20	\$ 860
(See Registrar's Office.....)	D72	3 096
(See Entrance Examinations Fund.....)	D08	344)
(Total salary.....)		4 300)
2. M. Zella Hall, Assistant Examiner (C. S.).....	D54	1 132
(See Registrar's Office.....)	D46	968)
(Total salary.....)		2 100)
3. Carrie McGreevy, Head Stenographer (C. S.).....	D36	540
(See Registrar's Office.....)	D64	960)
(Total salary.....)		1 500)
4. C. C. DeLong, Senior Accountant (C. S.) (See Business Office, Item 10).....	D10	200
<i>Sub-total, Salaries.....</i>		(2 732)
5. Wages.....	H	4 200
<i>Total, Accountancy Fund.....</i>		\$ 6 932

COLLEGE OF LIBERAL ARTS AND SCIENCES

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$19 046	\$6 384	\$25 430
Personnel Bureau.....	22 862	4 425	27 287
Astronomy.....	4 725	440	5 165
Bacteriology.....	20 154	4 500	24 654
Botany.....	42 441	2 340	44 781
Chemistry.....	216 320	88 500	304 820
Classics.....	21 037	137	21 174
English.....	210 190	2 108	212 298
Entomology.....	18 250	2 492	20 742
Geology and Geography.....	54 691	2 094	56 785
German.....	37 566	274	37 840
History.....	63 750	319	64 069
Mathematics.....	113 322	801	114 123
Philosophy.....	28 100	100	28 200
Physiology.....	19 233	3 359	22 592
Political Science.....	42 350	145	42 495
Psychology.....	34 220	2 000	36 220
Romance Languages.....	68 530	423	68 953
Sociology.....	29 125	212	29 337
Zoology.....	73 038	8 253	81 291
Classical Museum.....	250	50	300
Museum of European Culture.....	250	650	900
Natural History Museum.....	4 200	756	4 956
<i>Total.....</i>	<i>\$1 143 650</i>	<i>\$130 762</i>	<i>\$1 274 412</i>

Expendable Gift and Endowment Funds

<i>Instruction</i> (Endowment income):	<i>Salaries and Wages¹</i>	<i>Other Expense¹</i>	<i>Total¹</i>
Edmund James lectures on government.....	\$ 200	.....	\$ 200
<i>Special Research</i> (Gift funds):			
<i>Chemistry:</i>			
E. I. duPont de Nemours Co. research assistantship.....	2 000	.....	2 000
E. I. duPont de Nemours Co.—vinyl derivatives.....	1 500	.....	1 500
Rohm and Haas Co. assistantship.....	600	.....	600
Lubrication research.....	150	.....	150
Amino acids research.....	600	\$ 600	1 200
Spectroscope analysis of water.....	2 500	.....	2 500
<i>Geology and Geography:</i>			
Geological Society of America research.....	575	175	750
<i>Zoology:</i>			
S. P. Baldwin assistantship.....	100	.....	100
Estimated New Projects and Renewals.....	13 775	2 225	16 000
<i>Total, Special Research</i>	(21 800)	(3 000)	(24 800)
<i>Total</i>	\$22 000	\$3 000	\$25 000

Administration

		<i>Salary</i>
1. M. T. McClure, Dean.....	B	\$ 8 250
Professor of Philosophy and Head of Department.....	A	.....
2. H. S. Dawson, Assistant Dean.....	D	3 500
3. Dorothy P. Birkett, Secretary to the Dean.....	D	1 500
4. H. W. Bailey, Administrative Assistant.....	D10	500
(See Mathematics.....)	B90	3 300)
(Total salary.....)		3 800)
5. S. E. Glenn, Administrative Assistant.....	D10	500
(See English.....)	D90	2 800)
(Total salary.....)		3 300)
6. H. Rosalind Rautenberg, Stenographer (C. S.).....	D	1 320
7. Lucille N. Ellis, Stenographer (C. S.).....	D	1 400
8. _____, Record Clerk (C. S.).....	D	960
<i>Sub-total, Salaries</i>		(17 930)
9. Wages.....	H	1 116
<i>Total, Administration</i>		\$ 19 046

Personnel Bureau

1. _____, Director.....	D	\$ 4 500
2. _____, Assistant to the Director (C. S.).....	D	2 000
3. _____, Personnel Assistant (C. S.).....	D	1 800
4. _____, Psychometrist.....	D	1 800
5. _____, Stenographer (C. S.).....	D	1 200
6. R. G. Bone, Counselor.....	E25	750
(See History.....)	E75	1 350)
(Total salary.....)		2 100)
7. Gilbert Brighthouse, Counselor.....	E25	800
(See Psychology.....)	E75	1 500)
(Total salary.....)		2 300)
8. Echo D. Pepper, Counselor.....	E25	962
(See Mathematics.....)	D75	1 988)
(Total salary.....)		2 950)
9. J. C. Bailar, Counselor.....	E25	1 125
(See Chemistry.....)	D75	2 475)
(Total salary.....)		3 600)

¹Estimated.

		Salary
10. M. S. Goldman, Counselor.....	E33	1 200
(See English.....)	D67	1 800)
(Total salary.....)		3 000)
11. Mrs. Leah F. Trelease, Counselor.....	E33	1 100
(See English.....)	D67	1 600)
(Total salary.....)		2 700)
12. J. L. Page, Counselor.....	E25	1 025
(See Geology and Geography.....)	D75	2 175)
(Total salary.....)		3 200)
13. _____, Counselor.....	E	300
14. _____, Counselor.....	E	300
15. _____, Counselor.....	E	300
16. _____, Counselor.....	E	300
17. _____, Counselor.....	E	300
18. _____, Counselor.....	E	300
19. Additional service to replace counselors in departments from which drawn.....		1 800
Sub-total, Salaries.....		(21 862)
20. Wages.....	H	1 000
Total, Personnel Bureau.....		\$ 22 862

Astronomy

1. R. H. Baker, Professor and Head of Department (On leave with one-half pay for 1938-1939).....	A	\$ 4 475
Sub-total, Salaries.....		(4 475)
2. Wages.....	H	250
Total, Astronomy.....		\$ 4 725

Bacteriology

1. F. W. Tanner, Professor and Head of Department.....	A	\$ 5 400
2. G. I. Wallace, Assistant Professor.....	D	3 000
3. F. M. Clark, Associate.....	D	2 400
4. O. F. Edwards, Instructor.....	E	1 800
5. _____, Instructor.....	E	1 800
6. P. R. Beamer, Assistant.....	E	1 200
7. S. E. R. Donovan, Assistant.....	E50	600
8. T. H. Lord, Assistant.....	E50	600
9. E. M. Weber, Assistant.....	E50	600
10. A. L. Moody, Laboratory Helper (C. S.).....	D	1 540
Sub-total, Salaries.....		(18 940)
11. Wages.....	H	1 214
Total, Bacteriology.....		\$ 20 154

Botany

1. J. T. Buchholz, Professor and Head of Department.....	A	\$ 6 000
2. William Trelease, Professor, <i>Emeritus</i>		2 280
3. C. F. Hottes, Professor, <i>Emeritus</i>		2 254
(See College of Agriculture.....)		453)
(Total salary.....)		2 707)
4. N. E. Stevens, Professor.....	A	5 500
5. A. G. Vestal, Associate Professor.....	A	3 950
6. H. J. Fuller, Assistant Professor.....	D	3 000
7. _____, Assistant Professor.....	D	3 000
8. Stella M. Hague, Instructor.....	E	2 260
9. Oswald Tippo, Instructor.....	E	2 000
10. _____, Instructor.....	E	1 800
11. Margaret Kaeiser, Assistant.....	E50	600
12. Charlotte M. Young, Assistant.....	E50	600
13. R. V. Drexler, Assistant.....	E50	600

		<i>Salary</i>
14. W. H. Silver, Assistant.....	E50	600
15. W. H. Brown, Assistant.....	E50	600
16. W. E. Wilson, Assistant.....	E50	600
17. _____, Assistant.....	E50	600
18. _____, Assistant.....	E50	600
19. Ruth Schmutzler, Stenographer and Clerk (C. S.).....	D	1 300
20. Rose Dungan, Technician.....	E67	1 000
21. W. H. Long, Laboratory Helper and Mechanician (C. S.)....	D	1 400
22. Frank Schaede, Laboratory Helper (C. S.).....	D	1 250
23. Harvey J. Ernest, Laboratory Helper and Mechanician, <i>Retired</i>		647
<i>Total, Botany</i>		\$ 42 441

Chemistry

1. Roger Adams, Professor of Organic Chemistry and Head of Department.....	A	\$ 10 000
2. W. A. Noyes, Professor, <i>Emeritus</i>		3 000
3. W. C. Rose, Professor of Biochemistry.....	A	7 500
4. B. S. Hopkins, Professor of Inorganic Chemistry.....	A	5 500
5. A. M. Buswell, Professor of Chemistry.....	A40	2 400
(From State Water Survey.....)	A60	3 600)
(Total salary.....)		6 000)
6. W. H. Rodebush, Professor of Physical Chemistry.....	A	6 350
7. D. B. Keyes, Professor of Chemical Engineering.....	A50	3 125
(See Engineering Experiment Station.....)	A50	3 125)
(Total salary.....)		6 250)
8. G. L. Clark, Professor of Chemistry.....	A	6 250
9. C. S. Marvel, Professor of Organic Chemistry.....	A	6 350
10. R. C. Fuson, Professor of Organic Chemistry.....	A	5 000
11. R. L. Shriner, Professor of Organic Chemistry.....	A	5 000
12. T. E. Phipps, Professor of Physical Chemistry.....	A	3 800
13. J. H. Reedy, Associate Professor.....	A	3 800
14. G. F. Smith, Associate Professor.....	A	3 500
15. H. F. Johnstone, Associate Professor of Chemical Engineering	A85	3 550
(See Engineering Experiment Station.....)	A15	850)
(Total salary.....)		4 400)
16. D. T. Englis, Associate Professor.....	A	3 500
17. L. F. Audrieth, Assistant Professor.....	B	3 000
18. J. C. Bailar, Assistant Professor and Department Secretary..	D75	2 475
(See Personnel Bureau.....)	E25	1 125)
(Total salary.....)		3 600)
19. M. J. Copley, Assistant Professor.....	B	3 000
20. E. W. Comings, Assistant Professor of Chemical Engineering	D	3 200
21. A. G. Deem, Assistant Professor of Chemical Engineering...	D	3 000
22. H. E. Carter, Assistant Professor.....	B	2 600
23. Rosalie M. Parr, Associate.....	B	2 530
24. Virginia Bartow, Associate.....	B	2 500
25. G. H. Reed, Associate.....	B	2 250
26. D. G. Nicholson, Associate.....	D	2 400
27. H. R. Snyder, Instructor.....	E	2 200
28. C. C. Price, III, Instructor.....	E	2 200
29. F. T. Wall, Instructor.....	E	2 000
30. J. H. Billman, Instructor.....	E	2 000
31. _____, Instructor.....	E	2 000
32. _____, Instructor.....	E	2 000
33. R. C. Gore, Instructor.....	E50	1 000
(From Graduate School, Special Research Assistant.....)	E50	700)
(Total salary.....)		1 700)
34. _____, Instructor.....	E	2 000
35. _____, Instructor.....	E	2 000
36. _____, Instructor.....	E	2 000

		<i>Salary</i>
37. _____, Instructor	E	2 000
38. _____, Special Research Assistant	D	2 000
39. _____, Special Research Assistant	D	2 000
40. _____, Special Research Assistant	D	2 000
41. Paul Anders, Assistant in Glassblowing	D	2 100
42. J. M. Lindgren, Technical Analyst and Supervisor of General Chemical Stores	D	500
(From Applied Chemistry Testing		1 637)
(See Business Office, Item 43		1 163)
(From Athletic Association		1 800)
(Total salary		5 100)
43. E. J. Bicek, Assistant	E50	600
44. _____, Assistant	E50	600
45. Sydney Ross, Assistant	E50	600
46. _____, Assistant	E50	600
47. _____, Assistant	E50	600
48. _____, Assistant	E50	600
49. _____, Assistant	E50	600
50. W. J. Shannon, Assistant	E50	600
51. _____, Assistant	E50	600
52. _____, Assistant	E50	600
53. P. G. Roach, Assistant	E50	600
54. A. R. Hanke, Assistant	E50	600
55. J. W. Robinson, Assistant	E50	600
56. W. H. Taylor, Assistant	E50	600
57. R. L. May, Assistant	E50	600
58. _____, Assistant	E50	600
59. W. M. Shafer, Assistant	E50	600
60. Ruth Leslie, Assistant	E50	600
61. J. F. McPherson, Assistant	E50	600
62. _____, Assistant	E50	600
63. _____, Assistant	E50	600
64. _____, Assistant	E50	600
65. _____, Assistant	E50	600
66. _____, Assistant	E50	600
67. J. V. Robinson, Assistant	E50	600
68. _____, Assistant	E50	600
69. _____, Assistant	E50	600
70. _____, Assistant	E50	600
71. _____, Assistant	E50	600
72. _____, Assistant	E50	600
73. _____, Assistant	E50	600
74. J. H. Chapin, Assistant	E50	600
75. L. J. Dankert, Assistant	E50	600
76. S. O. Greenlee, Assistant	E50	600
77. _____, Assistant	E50	600
78. _____, Assistant	E50	600
79. J. H. Sample, Assistant	E50	600
80. _____, Assistant	E50	600
81. M. W. Miller, Assistant	E50	600
82. _____, Assistant	E50	600
83. _____, Assistant	E50	600
84. M. B. Mueller, Assistant	E50	600
85. J. L. Hickson, Assistant	E50	600
86. D. E. Pearson, Assistant	E50	600
87. J. W. Shackleton, Assistant	E50	600
88. _____, Assistant	E50	600
89. _____, Assistant	E50	600
90. _____, Assistant	E50	600
91. _____, Assistant	E50	600
92. _____, Assistant	E50	600

		Salary
93.	_____, Assistant.....	E50 600
94.	Betty Rapp, Assistant.....	E33 400
95.	James Harkema, Assistant.....	E33 400
96.	_____, Assistant.....	E33 400
97.	P. C. Markunas, Assistant.....	E33 400
98.	_____, Assistant.....	E33 400
99.	_____, Assistant.....	E33 400
100.	_____, Assistant.....	E33 400
101.	G. F. Grillot, Assistant.....	E33 400
102.	_____, Assistant.....	E33 400
103.	J. J. Denton, Assistant.....	E33 400
104.	_____, Assistant.....	E33 400
105.	_____, Assistant.....	E33 400
106.	_____, Assistant.....	E33 400
107.	R. V. Lindsey, Jr., Assistant.....	E33 400
108.	W. H. Sharkey, Assistant.....	E33 400
109.	_____, Assistant.....	E33 400
110.	_____, Assistant.....	E33 400
111.	_____, Assistant.....	E33 400
112.	Jacob Kleinberg, Assistant.....	E33 400
113.	R. S. Long, Assistant.....	E33 400
114.	_____, Assistant.....	E33 400
115.	C. H. McKeever, Assistant.....	E33 400
116.	_____, Assistant.....	E33 400
117.	Frederick Grosser, Jr., Assistant.....	E33 400
118.	_____, Assistant.....	E33 400
119.	_____, Assistant.....	E33 400
120.	_____, Assistant.....	E33 400
121.	_____, Assistant.....	E33 400
122.	_____, Assistant.....	E33 400
123.	L. H. Dunlap, Assistant.....	E25 300
124.	_____, Assistant.....	E25 300
125.	_____, Assistant.....	E25 300
126.	R. W. Darbyshire, Assistant.....	E25 300
127.	_____, Assistant.....	E25 300
128.	_____, Assistant.....	E25 300
129.	_____, Assistant.....	E25 300
130.	_____, Assistant.....	E25 300
131.	_____, Assistant.....	E25 300
132.	_____, Assistant.....	E25 300
133.	_____, Assistant.....	E25 300
134.	H. E. Conde, Assistant.....	E25 300
135.	R. C. Ludwig, Assistant.....	E25 300
136.	_____, Assistant.....	E25 300
137.	J. H. Clark, Assistant.....	E25 300
138.	_____, Assistant.....	E25 300
139.	_____, Assistant.....	E25 300
140.	_____, Assistant.....	E25 300
141.	_____, Assistant.....	E25 300
141a.	_____, Assistant.....	E25 300
142.	_____, Assistant.....	E25 300
143.	Mrs. Edna V. Evans, Executive Clerk and Secretary to Head of Department (C. S.).....	D 2 400
144.	Dorothy R. Aspern, Departmental Stenographer (C. S.)....	D I 100
145.	Helen J. Hancock, Departmental Stenographer (C. S.)....	D I 020
146.	_____, Departmental Stenographer (C. S.).....	D90 970
	(See Engineering Experiment Station.....)	D10 110)
	(Total salary.....)	I 080)
147.	Elizabeth J. Parker, Departmental Stenographer (C. S.)....	D I 140
148.	_____, Departmental Stenographer (C. S.).....	D 960

		<i>Salary</i>
149.	C. F. Miller, Head Clerk (C. S.).....	D 2 260
150.	Thomas Peel, Storekeeper (C. S.).....	D 1 630
151.	Forrest Mock, Storekeeper (C. S.).....	D 1 600
152.	M. T. Murrell, Storekeeper (C. S.).....	D 1 500
153.	C. E. Dalton, Storekeeper (C. S.).....	D 1 500
154.	S. A. Phillips, Laboratory Helper (C. S.).....	D 1 200
155.	L. S. Kirby, Laboratory Helper (C. S.).....	D 1 250
156.	L. E. Tillotson, Laboratory Helper (C. S.).....	D 1 400
157.	C. M. Scott, Laboratory Helper (C. S.).....	D 1 350
158.	C. B. Dunn, Laboratory Helper (C. S.).....	D 1 300
159.	E. N. Genung, Laboratory Helper (C. S.).....	D 1 100
160.	Florence Alexander, Laboratory Helper (C. S.).....	D 930
161.	L. E. Bailey, Laboratory Helper (C. S.).....	D 900
162.	A. E. Wood, Mechanician (C. S.).....	D 2 000
163.	G. A. Pittman, Mechanical Assistant (C. S.).....	D 1 350
164.	C. W. Powers, Machinist (C. S.).....	D 1 600
165.	C. W. Beazley, Microanalyst.....	D 1 180
	<i>Sub-total, Salaries</i>	(215 720)
166.	Wages.....	H 600
	<i>Total, Chemistry</i>	\$216 320

Classics

1.	W. A. Oldfather, Professor and Chairman of Department...	A \$ 7 200
2.	H. V. Canter, Professor.....	A 5 400
3.	B. E. Perry, Associate Professor.....	A 4 050
4.	_____, Assistant.....	E50 700
5.	_____, Assistant.....	E50 700
6.	_____, Assistant.....	E50 700
7.	_____, Research Assistant.....	D 1 800
	<i>Sub-total, Salaries</i>	(20 550)
8.	Wages.....	H 487
	<i>Total, Classics</i>	\$ 21 037

English

1.	H. N. Hillebrand, Professor.....	A
	Chairman of the Department (On leave with one-half pay for first semester of 1938-39).....	B \$ 5 500
2.	_____, (Salary paid from unused portion of salary of H. N. Hillebrand, absent on leave for first semester, and not included in total.....	1 375)
3.	Ernest Bernbaum, Professor.....	A 6 250
4.	W. J. Graham, Professor.....	A 5 000
5.	G. T. Flom, Professor of Scandinavian Languages and English Philology.....	A 5 000
6.	H. G. Paul, Professor.....	A 5 000
7.	T. W. Baldwin, Professor (On leave with full pay ¹ for 1938-39)	A 5 600
8.	E. C. Baldwin, Professor, <i>Emeritus</i>	1 970
9.	H. S. V. Jones, Professor.....	A 5 000
10.	B. L. Jefferson, Professor and Executive Secretary of the Department.....	A 4 750
11.	H. F. Fletcher, Professor.....	A 5 500
12.	Mrs. Alta G. Saunders, Professor of Business English.....	.....
	(See Business Organization and Operation.....	A 4 000)
13.	W. M. Parrish, Associate Professor of Speech.....	A 3 500
14.	J. J. Parry, Associate Professor.....	A 3 500
15.	P. N. Landis, Associate Professor.....	A 4 000

¹See page 782.

		<i>Salary</i>
16.	R. B. Weirick, Associate Professor..... A	3 250
17.	A. W. Secord, Associate Professor..... A	3 500
18.	Clarissa Rinaker, Assistant Professor..... D	2 500
19.	M. T. Herrick, Assistant Professor..... B	3 000
20.	Martha J. Kyle, Assistant Professor, <i>Emerita</i>	1 330
21.	W. D. Templeman, Assistant Professor..... D	2 900
22.	C. R. Anderson, Assistant Professor..... D	2 900
23.	Ruth Kelso, Assistant Professor..... D	2 500
24.	S. E. Glenn, Assistant Professor..... D90	2 800
	(See Administration..... D10	500)
	(Total salary.....	3 300)
25.	M. S. Goldman, Assistant Professor..... D67	1 800
	(See Personnel Bureau..... E33	1 200)
	(Total salary.....	3 000)
26.	K. A. Windesheim, Assistant Professor of Speech..... D	3 000
27.	_____, Assistant Professor..... D	2 600
28.	Caroline F. Tupper, Associate..... D	2 400
29.	Garreta H. Busey, Associate..... D	2 100
30.	J. W. Swanson, Associate in Speech and Supervisor of Dramatic Productions..... D	2 750
31.	Mrs. Leah F. Trelease, Associate..... D67	1 600
	(See Personnel Bureau..... E33	1 100)
	(Total salary.....	2 700)
32.	G. P. Haskell, Associate..... D	2 250
33.	Brice Harris, Associate..... D	2 500
34.	_____, Associate..... D	2 400
35.	_____, Instructor..... E	2 000
36.	Severina E. Nelson, Instructor in Speech..... E	2 100
37.	Margaret Bloom, Instructor..... E	1 720
38.	Cornelia P. Kelley, Instructor..... E	1 900
39.	_____, Instructor..... E	1 900
40.	Margaret French, Instructor..... E	1 900
41.	_____, Instructor..... E	1 800
42.	W. G. Johnson, Instructor..... E	1 810
43.	A. D. Huston, Instructor..... E75	1 500
	(See University Extension..... E25	500)
	(Total salary.....	2 000)
44.	R. L. Blair, Instructor..... E	1 720
45.	C. W. Roberts, Instructor..... E	1 800
46.	Carolyn Washburn, Instructor..... E	1 800
47.	L. H. Houtchens, Instructor..... E	2 000
48.	_____, Instructor..... E	1 800
49.	_____, Instructor..... E	1 800
50.	_____, Instructor in Speech..... E	1 800
51.	_____, Instructor in Speech..... E	1 800
52.	H. P. Wheeler, Assistant..... E	1 540
53.	Richard Moody, Assistant in Speech..... E	1 550
54.	E. G. Mathews, Assistant..... E	1 630
55.	D. R. Lang, Assistant..... E	1 540
56.	Dorothy Anderson, Assistant in Speech..... E	1 500
57.	J. A. Hamilton, Assistant..... E	1 560
58.	Dorles C. Stutzman, Assistant..... E	1 560
59.	L. C. Dolk, Assistant..... E	1 560
60.	J. I. Owen, Assistant..... E	1 625
61.	J. W. Scott, Assistant in Speech..... E	1 450
62.	R. B. Orlovich, Assistant..... E	1 500
63.	T. H. Trimble, Assistant..... E	1 500
64.	D. F. Mulvihill, Assistant..... E	1 450
65.	Luke Osburn, Assistant..... E	1 450
66.	D. H. Kennedy, Assistant..... E	1 450
67.	R. J. Geist, Assistant..... E	1 450

		<i>Salary</i>
68. R. G. Hallwachs, Assistant.....	E	1 450
69. John Schacht, Assistant.....	E	1 500
70. J. W. Abel, Assistant in Speech.....	E	1 450
71. G. C. Camp, Assistant.....	E	1 500
72. E. G. Ballard, Assistant.....	E	1 500
73. F. C. Osenburg, Assistant.....	E	1 540
74. C. H. Shattuck, Assistant.....	E	1 500
75. Leo Hughes, Assistant.....	E	1 500
76. F. J. Mosher, Assistant.....	E	1 500
77. W. F. Ekstrom, Assistant.....	E	1 450
78. S. F. Fogle, Assistant.....	E	1 450
79. W. M. Lowry, Assistant.....	E	1 500
80. J. K. Quinn, Assistant.....	E	1 450
81. G. A. Rust, Assistant.....	E	1 450
82. Gibbon Butler, Assistant.....	E	1 450
83. J. N. Hook, Assistant.....	E	1 500
84. Alice Morrison, Assistant.....	E	1 500
85. Margaret P. McGlothlin, Assistant.....	E67	1 000
86. K. R. Andrews, Assistant.....	E67	1 000
87. Howard Rovelstad, Assistant.....	E67	1 000
88. Louise E. Rorabacher, Assistant.....	E67	1 000
89. M. M. May, Assistant.....	E67	1 000
90. Elizabeth R. Hosmer, Assistant.....	E67	1 000
91. Mrs. Edith S. Sweney, Assistant.....	E67	1 000
92. F. J. H. Kaler, Assistant.....	E67	1 000
93. D. K. Bruner, Assistant.....	E67	1 000
94. C. H. Nannes, Assistant.....	E67	1 000
95. J. L. Johnson, Assistant.....	E67	1 000
96. O. J. Reamer, Assistant.....	E67	1 000
97. E. G. Fisher, Assistant.....	E67	1 000
98. _____, Assistant.....	E67	1 000
99. Margaret Wixsom, Assistant.....	E58	850
100. H. W. Sargent, Assistant.....	E50	725
101. A. C. Ames, Assistant.....	E33	500
102. J. C. Bushman, Assistant.....	E33	500
103. B. P. Porzak, Assistant.....	E33	500
104. Mildred A. Martin, Assistant.....	E33	500
105. Mrs. Mary K. Peer, Clerk and Stenographer (C. S.).....	D	1 350
106. Winifred Warner, Clerk and Stenographer (C. S.).....	D	960
<i>Sub-total, Salaries.....</i>		(209 190)
107. Wages.....	H	1 000
<i>Total, English.....</i>		\$210 190

Entomology

1. C. L. Metcalf, Professor and Head of Department.....	A	\$ 5 250
2. W. P. Hayes, Associate Professor.....	A	4 000
3. W. V. Balduf, Assistant Professor.....	B	3 400
4. V. G. Milum, Assistant Professor.....	D	2 980
5. H. F. Schoof, Assistant.....	E50	600
6. P. C. Stone, Assistant.....	E50	600
7. Marjorie M. Jones, Junior Stenographer (C. S.).....	D	1 020
<i>Sub-total, Salaries.....</i>		(17 850)
8. Wages.....	H	400
<i>Total, Entomology.....</i>		\$ 18 250

Geology and Geography

1. F. W. DeWolf, Professor of Geology.....	A	.....
Head of Department.....	D	\$ 6 820
2. W. S. Bayley, Professor, <i>Emeritus</i>		2 825
3. T. E. Savage, Professor, <i>Emeritus</i>		2 771

		<i>Salary</i>
4. T. T. Quirke, Professor of Geology.....	A	4 150
5. W. O. Blanchard, Professor of Geography.....	A	4 050
6. F. P. Shepard, Associate Professor of Geology (On leave without pay for first semester of 1938-39).....	A	4 000
7. A. H. Sutton, Associate Professor of Geology.....	A	3 500
8. H. R. Wanless, Associate Professor of Geology (On leave with one-half pay for 1938-39).....	A	3 500
9. J. L. Page, Assistant Professor of Geography.....	D75	2 175
(See Personnel Bureau.....)	E25	1 025)
(Total salary.....)		3 200)
10. J. H. Burgy, Assistant Professor of Geography.....	B	2 600
11. H. W. Scott, Associate in Geology.....	D	2 700
12. C. A. Chapman, Instructor in Geology.....	E	50
(From unused portion of Shepard's salary, absent on leave, and not included in total.....)		1 750)
(Total salary.....)		1 800)
13. A. W. Booth, Instructor in Geography.....	E	1 800
14. R. E. Crist, Instructor in Geography.....	E	1 800
15. A. B. Cozzens, Instructor in Geography.....	E	1 800
16. _____, Instructor in Geology.....	E	1 800
17. H. E. Hoy, Assistant in Geography.....	E	1 600
18. H. D. Borger, Assistant in Geology.....	E50	600
19. D. W. Franklin, Assistant in Geology.....	E50	600
20. M. M. Elias, Assistant in Geology.....	E50	600
21. W. F. Hoover, Assistant in Geology.....	E75	900
22. J. L. Lester, Assistant in Geology.....	E50	600
23. _____, Assistant in Geology.....	E50	600
24. _____, Instructor in Geology (Salary paid from unused portion of salary of H. R. Wanless, absent on leave, and not included in total.....)	E	1 750)
25. _____, Assistant in Geology.....	E50	600
26. _____, Assistant in Geography.....	E25	300
27. Thelma J. Johnson, Clerk (C. S.).....	D	1 300
<i>Sub-total, Salaries.....</i>		(54 041)
28. Wages.....	H	650
<i>Total, Geology and Geography.....</i>		\$ 54 691

German

1. A. W. Aron, Professor and Head of Department.....	A	\$ 5 800
2. N. C. Brooks, Professor, <i>Emeritus</i>		2 066
3. C. A. Williams, Professor.....	A	4 150
4. A. H. Koller, Assistant Professor.....	B	2 820
5. Daisy L. Blaisdell, Assistant Professor, <i>Emerita</i>		1 330
6. J. T. Geissendoerfer, Assistant Professor.....	D	3 500
7. _____, Assistant Professor.....	D	3 000
8. Mimi I. Jehle, Associate.....	B	2 300
9. R. T. Ittner, Instructor.....	E	2 000
10. G. E. Giesecke, Instructor.....	E	1 800
11. _____, Instructor.....	E	1 800
12. A. C. F. Scherer, Assistant.....	E75	1 050
13. Carl Hammer, Jr., Assistant.....	E50	700
14. G. G. Schmalz, Assistant.....	E50	700
15. W. E. Skidmore, Assistant.....	E50	700
16. C. F. Hennecke, Assistant.....	E50	700
17. W. H. Lussy, Assistant.....	E50	700
18. F. S. Youkstetter, Assistant.....	E50	700
19. A. L. Shoemaker, Assistant.....	E50	700
20. _____, Assistant.....	E50	700
<i>Sub-total, Salaries.....</i>		(37 216)
21. Wages.....	H	350
<i>Total, German.....</i>		\$ 37 566

History

		Salary
1. W. S. Robertson, Professor and Head of Department.....	A	\$ 5 500
2. A. H. Lybyer, Professor.....	A	5 250
3. T. C. Pease, Professor.....	A67	3 450
(Paid by Illinois Historical Library.....)	A33	1 800)
(Total salary.....)		5 250)
4. P. V. B. Jones, Professor.....	A	4 000
5. J. G. Randall, Professor (On leave with full pay for first semester, and to serve two-thirds time on two-thirds pay for second semester, 1938-39).....	A	4 800
6. F. C. Dietz, Professor.....	A	4 500
7. M. L. Hansen, Professor.....	A	4 500
8. J. W. Swain, Professor.....	A	4 000
9. F. S. Rodkey, Associate Professor.....	A	3 800
10. Louise B. Dunbar, Assistant Professor.....	B	2 850
11. R. P. Stearns, Assistant Professor.....	D	3 000
12. R. C. Werner, Assistant Professor.....	D	2 850
13. E. L. Erickson, Assistant Professor.....	D	2 600
14. Mary L. Shay, Associate.....	D	2 200
15. C. E. Odegaard, Instructor.....	E	2 000
16. Ameda R. King, Instructor.....	E	2 000
17. R. G. Bone, Instructor.....	E75	1 350
(See Personnel Bureau.....)	E25	750)
(Total salary.....)		2 100)
18. W. B. Munson, Assistant.....	E50	600
19. J. B. James, Assistant.....	E50	600
20. J. H. Young, Assistant.....	E50	600
21. _____, Assistant.....	E50	600
22. _____, Assistant.....	E50	600
23. _____, Assistant.....	E50	600
24. D. M. Young, Assistant.....	E25	300
25. _____, Assistant.....	E25	300
26. Clara J. Beerman, Clerk (Student).....	D50	600
<i>Sub-total, Salaries.....</i>		(63 450)
27. Wages.....	H	300
<i>Total, History.....</i>		\$ 63 750

Mathematics

1. A. B. Coble, Professor and Head of Department.....	A	\$ 9 000
2. E. J. Townsend, Professor, <i>Emeritus</i>		3 000
3. G. A. Miller, Professor, <i>Emeritus</i>		2 950
4. J. B. Shaw, Professor, <i>Emeritus</i>		2 250
5. R. D. Carmichael, Professor.....	A	.....
(Salary under Graduate School)		
6. Arnold Emch, Professor.....	A	4 500
7. A. R. Crathorne, Professor.....	A	4 500
8. Olive C. Hazlett, Associate Professor.....	A	3 500
9. H. R. Brahana, Associate Professor.....	A	4 500
10. W. J. Trjitzinsky, Associate Professor.....	A	4 500
11. A. W. Boldyreff, Associate Professor.....	D	.....
(Salary paid by University of Arizona)		
12. H. W. Bailey, Assistant Professor and Executive Secretary of the Department.....	B90	3 300
(See Administration.....)	D10	500)
(Total salary.....)		3 800)
13. Harry Levy, Assistant Professor.....	B	2 650
14. Ralph Hull, Assistant Professor.....	B	3 000
15. D. G. Bourgin, Assistant Professor.....	B	3 000
16. P. W. Ketchum, Assistant Professor.....	B	3 100
17. J. L. Doob, Assistant Professor.....	B	2 800
18. L. L. Steimley, Associate.....	B	2 800

		<i>Salary</i>
19. Echo D. Pepper, Associate.....	D75	1 988
(See Personnel Bureau.....)	E25	962)
(Total salary.....)		2 950)
20. Beulah M. Armstrong, Associate.....	B	2 400
21. V. A. Hoersch, Associate.....	B	2 300
22. Wilfrid Wilson, Associate.....	B	2 300
23. G. E. Moore, Associate.....	B	2 500
24. H. J. Miles, Associate.....	B	2 400
25. C. W. Mendel, Associate.....	D	2 500
26. R. S. Martin, Associate.....	D	2 400
27. J. W. Peters, Instructor.....	E	2 100
28. O. K. Bower, Instructor (On leave with full pay for 1938-39; on exchange for A. W. Boldyreff, Item 11).....	E	2 100
29. Leonard Bristow, Instructor.....	E	2 100
30. Josephine H. Chanler, Instructor.....	E	1 800
31. W. S. Turpin, Instructor.....	E	1 800
32. H. E. Vaughan, Instructor.....	E	2 000
33. _____, Instructor.....	E	1 800
34. _____, Instructor.....	E	1 800
35. _____, Instructor.....	E	2 000
36. _____, Assistant.....	E50	750
37. _____, Assistant.....	E50	750
38. A. O. Lindstrum, Assistant.....	E40	600
39. G. W. James, Assistant.....	E40	600
40. _____, Assistant.....	E40	600
41. _____, Assistant.....	E40	600
42. _____, Assistant.....	E40	600
43. J. F. Heyda, Assistant.....	E40	600
44. Margaret M. Hansman, Assistant.....	E40	600
45. P. W. Carruth, Assistant.....	E40	600
46. F. J. Weyl, Assistant.....	E40	600
47. T. E. Judd, Assistant.....	E40	600
48. K. V. Knight, Assistant.....	E40	600
49. C. F. Strobel, Assistant.....	E50	750
50. _____, Assistant.....	E40	600
51. K. L. Nielsen, Assistant.....	E50	750
52. D. E. Kibbey, Assistant.....	E40	600
53. R. S. Pate, Assistant.....	E40	600
54. _____, Assistant.....	E40	600
55. F. M. Pulliam, Assistant.....	E33	500
56. J. J. Eachus, Assistant.....	E66	1 000
57. J. R. F. Kent, Assistant.....	E50	750
58. P. E. Lewis, Assistant.....	E50	750
59. _____, Assistant.....	E50	750
60. _____, Assistant.....	E25	375
61. Mrs. Mary P. Walls, Secretary (C. S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(113 272)
62. Wages.....	H	50
<i>Total, Mathematics.....</i>		\$113 322

Philosophy

1. M. T. McClure, Professor and Head of Department.....	A	.....
(Salary under Administration)		
2. A. H. Daniels, Professor, <i>Emeritus</i>		\$ 3 000
(See President's Office.....)		1 954)
(Total salary.....)		4 954)
3. _____, Professor.....	D	6 000
4. G. R. Morrow, Professor.....	A	5 000

		<i>Salary</i>
5. D. W. Gotshalk, Associate Professor.....	A	3 600
6. J. A. Nicholson, Associate Professor (On leave with one-half pay for 1938-39).....	A	3 000
7. _____, Assistant Professor.....	D	2 800
8. O. A. Kubitz, Associate.....	D	2 400
9. _____, Instructor.....	D	2 000
10. _____, Instructor.....	D17	300
(From unused portion of salary of J. A. Nicholson, absent on leave, and not included in total.....)	D83	1 500)
(Total salary.....)		1 800)
<i>Total, Philosophy.....</i>		<i>\$ 28 100</i>

Physiology

1. W. E. Burge, Associate Professor.....	A	\$ 3 600
2. F. R. Steggerda, Assistant Professor.....	D	3 000
3. W. P. Elhardt, Instructor.....	E	2 100
4. G. C. Wickwire, Instructor.....	E	2 170
5. A. B. Taylor, Instructor.....	E	2 000
6. _____, Assistant.....	E	1 500
7. _____, Assistant.....	E	1 500
8. H. L. Terry, Assistant.....	E	1 360
9. D. F. Moorehead, Laboratory Helper (C. S.).....	D	900
10. R. L. Davis, Laboratory Helper, <i>Retired</i>		353
<i>Sub-total, Salaries.....</i>		<i>(18 483)</i>
11. Wages.....	H	750
<i>Total, Physiology.....</i>		<i>\$ 19 233</i>

Political Science

1. J. W. Garner, Professor and Head of Department.....	A	\$ 8 000
2. J. A. Fairlie, Professor.....	A	6 000
3. J. M. Mathews, Professor.....	A	5 250
4. C. A. Berdahl, Professor.....	A	5 000
5. C. M. Kneier, Associate Professor (On leave without pay for 1938-39).....	A	4 500
6. C. B. Hagan, Associate.....	D	2 500
7. C. F. Snider, Instructor.....	E	2 250
8. Valentine Jobst, Instructor.....	E	2 250
9. D. O. Walter, Instructor.....	E	2 000
10. J. F. Isakoff, Instructor.....	E	2 000
11. G. G. Lentz, Assistant.....	E50	600
12. Elliot Cassidy, Assistant.....	E50	600
13. E. T. Hanson, Assistant.....	E50	600
14. Irma C. Breiter, Stenographer (Student).....	D50	600
<i>Sub-total, Salaries.....</i>		<i>(42 150)</i>
15. Wages.....	H	200
<i>Total, Political Science.....</i>		<i>\$ 42 350</i>

Psychology

1. Herbert Woodrow, Professor and Head of Department.....	A	\$ 5 250
2. P. T. Young, Professor.....	A	4 000
3. E. A. K. Culler, Professor.....	A	4 000
4. A. W. Brown, Associate Professor (Without salary).....	A	.....
5. G. D. Higginson, Associate Professor.....	A	3 400
6. H. H. Anderson, Assistant Professor.....	B	3 000
7. W. G. McAllister, Associate.....	B	2 400
8. Gilbert Brighthouse, Instructor.....	E75	1 500
(See Personnel Bureau.....)	E25	800)
(Total salary.....)		2 300)

		<i>Salary</i>
9. T. W. Harrell, Instructor.....	E	1 800
10. L. L. McQuitty, Instructor.....	E	1 800
11. L. M. Hanks, Jr., Instructor.....	E	1 800
12. M. L. Phillips, Assistant.....	E ₅₀	600
13. L. N. Wiley, Assistant.....	E	1 200
14. H. E. Brogden, Assistant.....	E ₅₀	600
15. W. F. Thomas, Assistant.....	E ₅₀	600
16. W. A. Hunter, Demonstrator.....	E ₅₀	600
17. _____, Assistant.....	E ₂₅	300
18. _____, Clerk and Stenographer (C. S.).....	D	1 020
<i>Sub-total, Salaries.....</i>		(33 870)
19. Wages.....	H	350
<i>Total, Psychology.....</i>		\$ 34 220

Romance Languages

1. D. H. Carnahan, Professor and Head of Department.....	A	\$ 5 250
2. T. E. Oliver, Professor.....	A	4 475
3. Régis Michaud, Professor.....	A	5 560
4. John Van Horne, Professor (On leave with full pay for second semester of 1938-39).....	A	4 500
5. Arthur Hamilton, Associate Professor.....	A	3 500
6. J. A. Balseiro, Associate Professor.....	A	3 500
7. S. F. Will, Associate Professor.....	A	3 600
8. P. E. Jacob, Assistant Professor (On leave with one-half pay for second semester of 1938-39).....	B	3 000
9. C. C. Gullette, Assistant Professor.....	B	3 100
10. L. C. Keating, Associate.....	D	2 400
11. C. W. Colman, Instructor.....	E	1 800
12. J. H. Elsdon, Instructor.....	E	1 800
13. W. J. Boning, Instructor.....	E	1 800
14. C. P. Viens, Instructor.....	E	1 800
15. E. P. Shaw, Instructor.....	E	1 800
16. _____, Instructor.....	E	1 800
17. J. R. Young, Assistant.....	E	1 540
18. J. H. Amiel, Assistant.....	E	1 540
19. John Alexander, Assistant.....	E	1 545
20. J. H. Utley, Assistant.....	E	1 540
21. L. H. Bussard, Assistant.....	E	1 630
22. Angelina R. Pietrangeli, Assistant.....	E	1 630
23. R. R. Bushart, Assistant.....	E ₇₅	900
24. Joseph S. Flores, Assistant.....	E ₇₅	900
25. John Hartsook, Assistant.....	E ₇₅	900
26. G. R. Hilton, Assistant.....	E ₅₀	770
27. B. H. Mainous, Assistant.....	E ₅₀	600
28. Cordelia Reed, Assistant.....	E ₅₀	600
29. E. S. Beadle, Assistant.....	E ₅₀	600
30. Dorothy M. Ralph, Assistant.....	E ₅₀	700
31. Laurence LaSage, Assistant.....	E ₅₀	600
32. J. F. Marshall, Assistant.....	E ₅₀	600
33. Henrietta C. Pence, Assistant.....	E ₅₀	600
34. Boudinot Conner, Assistant.....	E ₅₀	600
35. Renato Rosaldo, Assistant.....	E ₅₀	600
36. Erma P. Witt, Stenographer (Student).....	E ₅₀	450
<i>Total, Romance Languages.....</i>		\$ 68 530

Sociology

1. _____, Professor and Head of the Department....		\$ 6 000
2. D. R. Taft, Professor (On leave with one-half pay for first semester of 1938-39).....	A	4 475
3. E. T. Hiller, Professor (On leave with full pay for second semester of 1938-39).....	A	4 250

		Salary
4. J. W. Albigh, Assistant Professor.....	B	3 000
Executive Secretary of Department (Until further notice) F		.....
(Paid from Item 1.....)		300)
(Total salary.....)		3 300)
5. W. R. Tylor, Assistant Professor.....	B	3 000
6. B. F. Timmons, Assistant Professor.....	B	3 000
7. D. E. Lindstrom, Assistant Professor of Rural Sociology....		.....
(See College of Agriculture.....)	D	3 400)
8. E. A. Ahrens, Instructor.....	D	2 100
9. _____, Instructor.....	D	2 000
10. A. V. Houghton, Assistant.....	E50	700
Sub-total, Salaries.....		(28 525)
11. Wages.....	H	600
Total, Sociology.....		\$ 29 125

Zoology

1. _____, Professor.....		\$ 6 300
2. Charles Zeleny, Professor.....	A	5 260
3. H. B. Ward, Professor, <i>Emeritus</i>		3 000
4. Frank Smith, Professor, <i>Emeritus</i>		2 250
5. V. E. Shelford, Professor.....	A	5 275
6. H. J. Van Cleave, Professor.....	A	5 150
7. Waldo Shumway, Professor.....	A	5 000
8. L. A. Adams, Associate Professor.....	A	3 800
9. R. R. Kudo, Associate Professor.....	A	3 800
10. L. J. Thomas, Assistant Professor.....	B	3 160
11. F. B. Adamstone, Assistant Professor.....	B	3 000
12. S. C. Kendeigh, Assistant Professor.....	B	2 650
13. W. M. Luce, Associate.....	D	2 800
14. B. V. Hall, Associate.....	D	2 500
15. T. W. Robinson, Instructor.....	E	1 800
16. Lester Ingle, Instructor.....	E	1 800
17. M. C. Meyer, Assistant.....	E50	600
18. A. L. Soderwall, Assistant.....	E50	600
19. R. W. Fautin, Assistant.....	E50	600
20. _____, Assistant.....	E25	300
21. H. G. Kimpel, Assistant.....	E50	600
22. P. V. Gustafson, Assistant.....	E50	600
23. C. T. Black, Assistant.....	E50	600
24. C. L. Kanatzar, Assistant.....	E50	600
25. _____, Assistant.....	E25	300
26. C. W. Markus, Assistant.....	E25	300
27. _____, Assistant.....	E25	300
28. _____, Assistant.....	E25	300
29. C. J. Goodnight, Assistant.....	E50	600
30. S. W. Gray, Assistant.....	E50	600
31. _____, Assistant.....	E25	300
32. Jane C. Dirks, Assistant.....	E25	300
33. Victor Sprague, Assistant.....	E50	600
34. Mrs. Katharine H. Paul, Scientific Artist.....	E	2 260
35. O. C. McMillin, Technician and Storekeeper.....	D	2 000
36. Virginia T. Brennan, Clerk and Stenographer (C. S.).....	D	1 300
37. George Svihla, Research Assistant.....	D50	720
Sub-total, Salaries.....		(71 925)
38. Wages.....	H	1 113
Total, Zoology.....		\$ 73 038

Classical Museum

1. Wages.....	H	\$ 250
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Museum of European Culture

1. Wages.....	H	\$ 250
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Museum of Natural History

1. F. C. Baker, Curator.....	D		<i>Salary</i>
2. Wages.....	H	\$ 3 700	
			500
<i>Total, Museum of Natural History.....</i>			<u>\$ 4 200</u>

SCHOOL OF JOURNALISM

1. L. W. Murphy, Director.....	D		
Professor.....	A	\$ 5 000	
2. R. R. Barlow, Professor.....	A	4 000	
3. O. C. Leiter, Associate Professor.....	A	3 650	
4. J. F. Wright, Associate Professor.....	A		
(Salary under Public Information and Radio Station)			
5. F. S. Siebert, Associate Professor.....	A	3 600	
6. B. S. Dickinson, Assistant Professor.....	D	2 750	
7. N. H. Shere, Instructor.....	E	2 500	
8. M. D. Seil, Instructor.....	E	2 000	
9. C. E. Flynn, Instructor, and Assistant to Director.....	E	1 900	
10. F. E. Schooley, Instructor.....	E25	700	
(See Public Information.....)	D25	715)	
(See Radio Station.....)	D50	1 435)	
(Total salary.....)		2 850)	
11. _____, Assistant.....	Sem. I F50	375	
12. Martha S. Alexander, Graduate Stenographer (C. S.).....	D	1 500	
<i>Sub-total, Salaries.....</i>		(27 975)	
13. Wages.....	H	695	
<i>Total, Journalism.....</i>		<u>\$ 28 670</u>	

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 14 607	\$ 4 975	\$ 19 582
Business Organization and Operation.....	104 826	.....¹	104 826
Economics.....	106 353	.....¹	106 353
<i>Sub-total.....</i>	(225 786)	(4 975)	(230 761)
Bureau of Business Research.....	8 025	2 150	10 175
<i>Total.....</i>	<u>\$233 811</u>	<u>\$7 125</u>	<u>\$240 936</u>

*Expendable Endowment Income and Gift Funds**Instruction*

W. B. McKinley Public Utility Economics Pro- fessorship Fund (Endowment Income)....	\$3 500	\$3 500
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Special Research

Public Utility Economics (Gift Fund).....	1 500 ²	1 500
<i>Total.....</i>	<u>\$5 000</u>	<u>\$5 000</u>

Administration

1. C. M. Thompson, Dean of the College and Director of the Bureau of Business Research.....	B	<i>Salary</i>
(McKinley Professor of the Economics of Public Utilities	A	\$ 4 750
(Total salary.....)		3 500)
2. C. F. Schlatter, Associate Dean.....	D25	8 250)
(See Business Organization and Operation.....)	A75	1 187
(Total salary.....)		3 563)
		4 750)

¹Included under Administration.²Estimated.

		<i>Salary</i>
3. R. P. Hackett, Assistant Dean	D50	1 500
(See Business Organization and Operation	B50	1 500)
(Total salary		3 000)
4. Freda F. Walker, Chief Clerk (Exempt)	D	2 200
5. Mrs. Lucile M. Schaudt, Stenographer (C. S.)	D	1 380
6. Mrs. Ruth Matlock, Stenographer (C. S.)	D	1 200
7. —————, Stenographer (C. S.)	D	1 080
8. —————, Clerk (C. S.)	D	960
<i>Sub-total, Salaries</i>		(14 257)
9. Wages	H	350
<i>Total, Administration</i>		\$ 14 607

Business Organization and Operation

1. H. T. Scovill, Professor of Accountancy and Head of Department	A	\$ 7 300
2. Lloyd Morey, Professor of Accountancy	A	.....
(Salary under Business Office)		
3. E. J. Filbey, Professor of Accountancy	A	5 500
4. F. A. Russell, Professor of Business Organization and Operation	A	5 500
5. P. D. Converse, Professor of Business Organization and Operation	A	4 700
6. A. C. Littleton, Professor of Accountancy	A55	2 763
(See Bureau of Business Research	D45	2 237)
(Total salary		5 000)
7. A. G. Anderson, Professor of Business Organization and Operation	A	4 700
8. C. F. Schlatter, Professor of Accountancy	A75	3 563
(See Administration	D25	1 187)
(Total salary		4 750)
9. Mrs. Alta G. Saunders, Professor of Business English	A	4 000
10. E. R. Dillavou, Professor of Business Law	A	4 300
11. E. L. Theiss, Associate Professor of Accountancy	A	4 100
12. H. H. Baily, Associate Professor of Accountancy	A	3 700
13. R. P. Hackett, Assistant Professor of Accountancy	B50	1 500
(See Administration	D50	1 500)
(Total salary		3 000)
14. W. E. Karrenbrock, Assistant Professor of Accountancy	D	2 900
15. H. W. Huegy, Assistant Professor of Business Organization and Operation	B	2 700
16. H. L. Newcomer, Assistant Professor of Accountancy	B	2 700
17. F. H. Beach, Assistant Professor of Business Organization and Operation	B	2 800
18. W. F. Frese, Assistant Professor of Accountancy	B	2 700
19. C. C. Curtis, Assistant Professor of Business Law	B	2 700
20. M. J. Mandeville, Associate in Business Organization and Operation	B	2 500
21. F. M. Jones, Associate in Business Organization and Operation	B	2 100
22. P. C. Roberts, Associate in Business Law	B	2 100
23. H. M. Edwards, Instructor in Business Organization and Operation	Sem. II F17	200
(See Business Office	D83	5 050)
(Total salary		5 250)
24. —————, Instructor in Accountancy	E	2 000
25. —————, Instructor in Accountancy	E	2 000
26. W. E. Campbell, Instructor in Accountancy	E	1 700
27. L. M. Kessler, Instructor in Accountancy	E	1 600
28. C. J. Gaa, Instructor in Accountancy	E	1 600
29. —————, Instructor	E	2 000
30. Charles P. Slater, Assistant in Accountancy	E	1 300

		<i>Salary</i>
31. H. E. Breen, Assistant in Accountancy.....	E	1 400
32. R. W. Blumenschein, Assistant in Business Organization and Operation.....	E	1 500
33. R. V. Mitchell, Assistant in Business Organization and Operation.....	E	1 500
34. _____, Assistant in Business Law.....	E	1 400
35. E. J. Kirkham, Jr., Assistant in Accountancy.....	E	1 300
36. D. K. Griffith, Assistant in Accountancy.....	E	1 200
37. T. R. Hopkins, Jr., Assistant in Business Organization and Operation.....	E	1 500
38. W. E. Thomas, Assistant in Accountancy.....	E	1 200
39. _____, Assistant in Accountancy.....	E75	900
40. G. B. Vasen, Assistant in Accountancy.....	E75	900
41. J. M. Carrithers, Assistant in Accountancy.....	E50	600
42. R. K. Mautz, Assistant in Accountancy.....	E75	900
43. M. N. Broussard, Assistant in Accountancy.....	E50	600
44. J. R. Taylor, Assistant in Accountancy.....	E75	900
45. _____, Assistant.....	E50	600
46. Claudia C. Mock, Stenographer (C. S.).....	D	1 200
<i>Total, Business Organization and Operation.....</i>		<i>\$104 826</i>

Economics

1. _____, Professor and Head of Department.....	A	\$ 8 000
2. David Kinley, Professor, <i>Emeritus</i>		3 000
(See President's Office.....)		3 000)
(Total salary.....)		6 000)
3. M. H. Robinson, Professor, <i>Emeritus</i>		2 523
4. E. L. Bogart, Professor, <i>Emeritus</i>		3 000
5. C. M. Thompson, McKinley Professor of Economics of Public Utilities.....	A	.....
(Salary under Administration)		
6. Simon Litman, Professor.....	A	5 500
7. M. H. Hunter, Professor.....	A	5 250
8. F. E. Lee, Professor.....	A	5 250
9. Ivan Wright, Professor.....	A	4 800
10. H. M. Gray, Associate Professor.....	A75	2 850
(See Graduate School.....)	D25	1 250)
(Total salary.....)		4 100)
11. D. P. Locklin, Associate Professor.....	A	3 800
12. P. H. Brown, Associate Professor.....	A	3 500
13. F. G. Dickinson, Assistant Professor.....	B	3 350
14. W. A. Neiswanger, Assistant Professor.....	B	3 600
15. Edmund Whittaker, Assistant Professor.....	D	3 500
16. H. K. Allen, Assistant Professor.....	B	3 000
17. P. M. Green, Assistant Professor.....	B	3 000
18. R. M. Nolen, Assistant Professor.....	D	3 500
19. R. H. Blodgett, Assistant Professor.....	B	3 000
20. D. H. Hoover, Associate.....	B	2 350
21. A. T. Helbing, Associate.....	D	2 800
22. D. L. Kemmerer, Associate.....	B	2 500
23. W. C. Robb, Associate.....	D	3 000
24. _____, Associate.....	D	2 500
25. B. N. Behling, Instructor.....	E	2 080
26. Janet L. Weston, Instructor.....	E	2 000
27. P. M. Van Arsdell, Instructor.....	E	2 000
28. W. B. Locking, Instructor.....	E	2 000
29. J. J. Carney, Jr., Instructor.....	E	1 800
30. H. F. Underhill, Instructor.....	E	1 800
31. P. F. Palmer, Instructor.....	E	1 800

		<i>Salary</i>
32. _____, Instructor.....	E	I 800
33. G. W. Miller, Assistant.....	E75	I 050
34. J. A. McGuire, Assistant.....	E50	700
35. C. M. Elliott, Assistant.....	E50	700
36. G. C. Losee, Assistant.....	E50	700
37. L. L. Waters, Assistant.....	E50	700
38. J. W. Wiley, Assistant.....	E50	700
39. Frances M. Whitehead, Assistant.....	E50	700
40. J. D. Morgan, Assistant.....	E50	700
41. _____, Assistant.....	E25	350
42. Mrs. Leona Alexander, Stenographer (C. S.).....	D	I 200
<i>Total, Economics.....</i>		<u>\$106 353</u>

Bureau of Business Research

1. C. M. Thompson, Director.....	B	.....
(Salary under Administration)		
2. A. C. Littleton, Assistant Director.....	D45	\$ 2 237
(See Business Organization and Operation.....)	A55	2 763)
(Total salary.....)		5 000)
3. Florence L. White, Assistant.....	E	I 500
4. Mrs. Hilda R. Stice, Assistant.....	D	I 288
5. _____, Assistant.....	E50	600
6. _____, Assistant.....	E50	600
<i>Sub-total, Salaries.....</i>		(6 225)
7. Wages.....	H	I 800
<i>Total, Bureau of Business Research.....</i>		<u>\$ 8 025</u>

COLLEGE OF EDUCATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$12 390	\$2 938	\$15 328
Appointments Committee.....	4 540	I 490	6 030
Education.....	55 663	462	56 125
Supervision and High School Instruction.....	61 270	3 621	64 891
Smith-Hughes:			
Agricultural Education.....	12 310	I 190	13 500
Home Economics Education.....	5 630	256	5 886
Industrial Education.....	12 732	I 577	14 309
<i>Total, Smith-Hughes.....</i>	(30 672)	(3 023)	(33 695)
<i>Sub-total.....</i>	(164 535)	(11 534)	(176 069)
Bureau of Educational Research.....	8 500	578	9 078
<i>Total.....</i>	<u>\$173 035</u>	<u>\$12 112</u>	<u>\$185 147</u>

Administration

		<i>Salary</i>
1. T. E. Benner, Dean.....	B	\$ 8 250
Professor of Education.....	A	.....
2. Lillian Hart, Executive Clerk (Exempt).....	D80	I 920
(See Summer Session.....)	D20	480)
(Total salary.....)		2 400)
3. Frances Patton, Stenographer (C. S.).....	D60	820
(See Summer Session.....)	D40	500)
(Total salary.....)		I 320)
4. _____, Stenographer (C. S.).....	D	I 200
<i>Sub-total, Salaries.....</i>		(12 190)
5. Wages.....	H	200
<i>Total, Administration.....</i>		<u>\$ 12 390</u>

Appointments Committee

		<i>Salary</i>
1. L. W. Williams, Secretary.....	D75	\$ 2 400
(See Education.....)	E25	800)
(Total salary.....)		3 200)
2. Beulah J. Houston, Stenographer (C. S.).....	D	1 140
<i>Sub-total, Salaries.....</i>		(3 540)
3. Wages.....	H	1 000
<i>Total, Appointments Committee.....</i>		\$ 4 540

Education

1. E. H. Cameron, Professor.....	A90	\$ 6 400
(See Summer Session.....)	B10	750)
(Total salary.....)		7 150)
2. T. E. Benner, Professor.....	A	.....
Dean.....	B	.....
(Salary under Administration)		.....
3. W. S. Monroe, Professor.....	A	.....
(See Bureau of Educational Research.....)	D	5 400)
4. J. A. Clement, Professor.....	A	4 700
5. R. F. Seybolt, Professor of the History of Education.....	A	5 300
6. C. R. Griffith, Professor.....	A25	1 625
(See Bureau of Institutional Research.....)	D	4 875)
(Total salary.....)		6 500)
7. E. H. Reeder, Professor.....	A	4 500
8. _____, Professor.....	A	4 500
9. C. W. Odell, Associate Professor.....	A	3 288
10. O. F. Weber, Associate Professor.....	A	4 000
11. B. O. Smith, Associate Professor.....	A	4 500
12. Mrs. Nell C. B. Johnston, Assistant Professor.....	B	3 100
13. E. W. Dolch, Assistant Professor.....	B	2 800
14. G. W. Reagan, Assistant Professor.....	B	3 100
15. E. F. Potthoff, Assistant Professor.....	B	3 500
16. R. B. Browne, Assistant Professor.....	B25	1 000
(See University Extension.....)	D75	3 000)
(Total salary.....)		4 000)
17. C. W. Sanford, Assistant Professor.....	B	.....
(Principal of University High School.....)	D	3 800)
18. William Habberton, Assistant Professor.....	D	.....
(See Supervision and High School Instruction.....)	D	3 350)
19. Liesette J. McHarry, Associate.....	D	.....
(See Supervision and High School Instruction.....)	D	2 800)
20. W. E. Harnish, Associate.....	D	.....
(See Supervision and High School Instruction.....)	D	2 800)
21. L. W. Williams, Instructor.....	E25	800
(See Appointments Committee.....)	D75	2 400)
(Total salary.....)		3 200)
22. G. C. Kettelkamp, Instructor.....	E	.....
(See Supervision and High School Instruction.....)	E	2 100)
23. _____, Instructor.....	E	2 200
<i>Sub-total, Salaries.....</i>		(55 313)
24. Wages.....	H	350
<i>Total, Education.....</i>		\$ 55 663

Supervision and High School Instruction

1. C. W. Sanford, Principal of University High School.....	D	\$ 3 800
Assistant Professor of Education.....	B	.....
2. _____, Assistant Principal of University High School.....	E	1 800
3. William Habberton, Assistant Professor of Education and Head of the Department of Social Studies in University High School.....	D	3 350

			Salary
4.	C. O. Jackson, Assistant Professor of Physical Education... D50		1 500
	(See School of Physical Education..... D50		1 500)
	(Total salary.....		3 000)
5.	_____, Associate in Music..... D75		1 830
	(See School of Music..... D25		610)
	(Total salary.....		2 440)
6.	Liesette J. McHarry, Associate in Education and Head of the Department of English in University High School.... D		2 800
7.	W. E. Harnish, Associate in Education and Head of the Department of Science in University High School..... D		2 800
8.	G. C. Kettelkamp, Instructor in Education and Head of the Department of Foreign Languages in University High School..... E		2 100
9.	Velma I. Kittchell, Instructor in Music..... E50		1 050
	(See School of Music..... E50		1 050)
	(Total salary.....		2 100)
10.	L. R. Williams, Teacher..... E25		450
11.	L. A. Astell, Teacher..... E		2 150
12.	Pauline E. Changnon, Teacher..... E		1 850
13.	Mrs. Frances D. Wilson, Teacher..... E		1 800
14.	Mrs. Mabel R. Hagan, Teacher..... E		1 900
15.	M. C. Hartley, Teacher..... E		1 900
16.	Mrs. Ernestine A. Neff, Teacher..... E		1 800
17.	_____, Teacher..... E		1 720
18.	_____, Teacher..... E		1 460
19.	Evalene V. Kramer, Librarian (C. S.)..... E		1 800
20.	Viola K. Bower, Teacher..... E		1 800
21.	M. Louise Zilly, Teacher..... E50		950
22.	Henrietta P. Terry, Teacher..... E		1 800
23.	Marian W. Marshall, Teacher..... E		2 000
24.	W. O. Alstrom, Teacher..... E		2 000
25.	R. B. Thrall, Teacher..... E50		700
26.	Elaine R. Engstrom, Teacher..... E50		700
27.	A. E. Katra, Teacher..... E		1 400
28.	_____, Teacher..... E50		700
29.	Catherine E. Gregory, Teacher..... E25		400
30.	Cooperating Teachers and Assistants..... H		9 000
31.	Kathryn G. Hansen, Stenographer and Clerk (C. S.)..... D		1 260
	<i>Sub-total, Salaries.....</i>		(60 570)
32.	Wages..... H		700
	<i>Total, Supervision and High School Instruction.....</i>		\$ 61 270

Agricultural Education

1.	A. W. Nolan, Associate Professor..... A	\$ 4 200
2.	H. M. Hamlin, Professor..... A	5 000
3.	H. J. Rucker, Instructor..... D50	1 335
	(From Board of Education at St. Joseph, Illinois..... D50	1 335)
	(Total salary.....	2 670)
4.	_____, Instructor..... D50	1 325
	(From Board of Education at Tolono, Illinois..... D50	1 325)
	(Total salary.....	2 650)
	<i>Sub-total, Salaries.....</i>	(11 860)
5.	Wages..... H	450
	<i>Total, Agricultural Education.....</i>	\$ 12 310

Home Economics Education

1.	Anna B. Robinson, Associate..... D	\$ 2 530
2.	Marianna E. Dickie, Instructor..... E	2 100
3.	Gertrude L. Seyb, Assistant..... E50	1 000
	<i>Total, Home Economics Education.....</i>	\$ 5 630

Industrial Education

		<i>Salary</i>
1. A. B. Mays, Professor.....	A	\$ 4 500
2. A. F. Dodge, Assistant Professor.....	B	4 000
3. M. K. Humble, Associate.....	D	2 800
4. H. H. Braucher, Associate, <i>Emeritus</i>		1 132
<i>Sub-total, Salaries</i>		(12 432)
5. Wages.....	H	300
<i>Total, Industrial Education</i>		\$ 12 732

Bureau of Educational Research

1. W. S. Monroe, Director.....	D	\$ 5 400
(See Education.....)	A)
2. Arlyn Marks, Research Assistant.....	D	1 800
3. Mrs. Margaret H. van Amerongen, Clerk (C. S.).....	D	1 200
<i>Sub-total, Salaries</i>		(8 400)
4. Wages.....	H	100
<i>Total, Bureau of Educational Research</i>		\$ 8 500

**COLLEGE OF ENGINEERING AND ENGINEERING
EXPERIMENT STATION****Summary**

College:	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$13 435	\$3 873	\$17 308
Ceramic Engineering.....	25 745	3 815	29 560
Civil Engineering.....	58 628	3 408	62 036
Electrical Engineering.....	57 716	4 050	61 766
General Engineering Drawing.....	39 230	1 400	40 630
Mechanical Engineering.....	111 539	9 027	120 566
Mining and Metallurgical Engineering.....	16 760	1 923	18 683
Physics.....	99 565	12 181	111 746
Railway Engineering.....	14 100	1 088	15 188
Theoretical and Applied Mechanics.....	53 535	3 489	57 024
<i>Total, College</i>	(490 253)	(44 254)	(534 507)
Station:			
Administration.....	11 835	7 312	19 147
Ceramic Engineering.....	4 835	900	5 735
Civil Engineering.....	15 042	1 025	16 067
Electrical Engineering.....	6 380	850	7 230
Mechanical Engineering.....	16 200	1 625	17 825
Mining and Metallurgical Engineering.....	4 580	1 077	5 657
Physics.....	.....	2 550	2 550
Railway Engineering.....	9 700	500	10 200
Theoretical and Applied Mechanics.....	19 315	943	20 258
Chemical Engineering.....	6 835	450	7 285
<i>Sub-total, Station</i>	(94 722)	(17 232)	(111 954)
Sewage Research.....	2 100	900	3 000
<i>Total, Station</i>	(96 822)	(18 132)	(114 954)
<i>Grand Total</i>	\$587 075	\$62 386	\$649 461

Expendable Gift Funds¹

(All Research)

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Ceramic Engineering:</i>			
Enamel frits.....	\$3 600	\$ 500	\$4 100
Factors controlling the use of clays.....	800	50	850
<i>Chemical Engineering:</i>			
Solubility of boiler waters.....	2 100	2 000	4 100
Stack gases.....	2 250	1 000	3 250
<i>Civil Engineering:</i>			
Cylindrical shells as columns.....	900	300	1 200
Pressures in granular materials.....	600	.....	600
Rigid frame structures.....	2 280	.....	2 280
Tests of welded joints.....	2 500	2 500	5 000
<i>Mechanical Engineering:</i>			
Heating and ventilating.....	1 200	600	1 800
Warm air furnace research.....	3 200	500	3 700
<i>Railway Engineering:</i>			
Continuous welded rails.....	4 000	1 000	5 000
<i>Theoretical and Applied Mechanics:</i>			
Rails investigation.....	35 000	15 000	50 000
Concrete slabs.....	10 000	5 000	15 000
Stretching of lead sheaths.....	2 400	.....	2 400
Estimated New Projects and Renewals.....	16 170	4 550	20 720
<i>Total, Expendable Gift Funds.....</i>	<i>\$87 000</i>	<i>\$33 000</i>	<i>\$120 000</i>

Administration

		<i>Salary</i>
1. M. L. Enger, Professor of Mechanics and Hydraulics.....	A	.....
Dean of College of Engineering and Director of Engineering Experiment Station (C & S).....	B	\$ 8 250
2. H. H. Jordan, Associate Dean (C).....	D33	2 100
(See General Engineering Drawing.....)	A67	4 700)
(Total salary.....)		6 800)
3. M. R. Riddell, Assistant to Director of Engineering Experiment Station (S).....	B75	2 900
(See Mechanical Engineering.....)	A25	900)
(Total salary.....)		3 800)
4. E. F. Heater, Research Assistant (S).....	D	2 500
5. Marie Huber, Assistant to Dean and Director (Exempt) (C & S).....	D	2 500
6. Mary R. Gardiner, Stenographer (C. S.) (C).....	D	1 260
7. _____, Stenographer (C. S.) (S).....	D50	660
8. Lena B. Roberson, Stenographer (C. S.) (C).....	D	1 300
9. Mildred F. Houston, Stenographer (C. S.) (C).....	D	1 140
10. Mrs. Elsie B. Alpers, Stenographer (C. S.) (C).....	D	1 320
11. Martha J. Boyd, Stenographer (C. S.) (C).....	D50	540
(See General Engineering Drawing.....)	D50	540)
(Total salary.....)		1 080)
<i>Sub-total, Salaries.....</i>		<i>(24 470)</i>
12. Wages.....	H	800
<i>Total, Administration.....</i>		<i>\$ 25 270</i>

¹Estimated.

Ceramic Engineering

		<i>Salary</i>
1. C. W. Parmelee, Professor and Head of Department (C & S)	A	\$ 6 500
2. R. K. Hursh, Professor (C & S)	A	4 200
3. A. I. Andrews, Professor (C & S)	A	4 700
4. W. R. Morgan, Associate (C)	D	2 750
5. A. E. Badger, Research Associate (S)	D	2 500
6. C. G. Harman, Instructor (C)	E	2 200
7. J. A. Pask, Instructor (C)	E	1 800
8. _____, Research Graduate Assistant (S)	E ₅₀	600
9. W. B. McDevitt, Laboratory Demonstrator (C)	D	2 000
10. J. H. Cain, Laboratory Attendant (C. S.) (C)	D	1 720
11. Vannie L. Sheiry, Clerk and Stenographer (C. S.) (C & S)	D	1 300
<i>Sub-total, Salaries</i>		(30 270)
12. Wages	H	310
<i>Total, Ceramic Engineering</i>		\$ 30 580

Civil Engineering

1. W. C. Huntington, Professor and Head of Department (C & S) (On leave of absence with full pay for first semester of 1938-39)	A	\$ 6 800
2. W. M. Wilson, Research Professor of Structural Engineering (C & S)	A	7 000
3. H. E. Babbitt, Professor of Sanitary Engineering (C & S)	A	4 700
4. J. S. Crandell, Professor of Highway Engineering (C)	A	4 700
5. G. W. Pickels, Professor (C)	A	4 300
6. T. C. Shedd, Professor of Structural Engineering (C)	A	5 000
7. J. J. Doland, Professor (C)	A	4 500
8. C. C. Wiley, Professor (C)	A	3 750
9. Jamison Vawter, Professor (C)	A	3 750
10. W. H. Rayner, Assistant Professor (C)	B	3 070
11. E. E. Bauer, Assistant Professor (C)	B	3 100
12. W. A. Oliver, Assistant Professor (C)	D	3 100
13. N. M. Newmark, Research Assistant Professor (C & S)	D	3 600
14. A. A. Brielmaier, Associate (C)	D	3 000
15. G. H. Dell, Associate (C)	D	2 710
16. H. P. Evans, Jr., Associate (C)	D	2 700
17. J. G. Clark, Instructor (C)	E	1 800
18. _____, Research Graduate Assistant (S)	E ₅₀	600
19. F. J. Morales, Research Graduate Assistant (S)	E ₅₀	600
20. Robert Zaborowski, Research Graduate Assistant (S)	E ₅₀	600
21. W. T. Pope, Mechanician (C. S.) (S)	D	1 900
22. Mrs. Elizabeth H. Werts, Clerk and Stenographer (C. S.) (C & S)	D	1 320
<i>Sub-total, Salaries</i>		(72 600)
23. Wages	H	1 070
<i>Total, Civil Engineering</i>		\$ 73 670

Electrical Engineering

1. E. B. Paine, Professor and Head of Department (C & S)	A	\$ 6 200
2. Morgan Brooks, Professor, <i>Emeritus</i>		1 800
3. J. T. Tykociner, Research Professor (S)	A	4 475
4. A. R. Knight, Professor (C)	A	3 850
5. E. H. Waldo, Associate Professor, <i>Emeritus</i>		1 693
6. E. A. Reid, Associate Professor (C)	A	3 600
7. H. J. Reich, Associate Professor (C)	A	3 750
8. J. O. Kraehenbuehl, Associate Professor (C)	A	3 750
9. H. A. Brown, Associate Professor (C)	A	3 800
10. C. A. Keener, Associate Professor (C)	A	3 300
11. M. A. Faucett, Assistant Professor (C)	B	3 000
12. C. E. Skroder, Assistant Professor (C)	D	3 000

			<i>Salary</i>
13.	L. B. Archer, Assistant Professor (C).....	D	3 000
14.	L. L. Smith, Associate (C).....	D	2 300
15.	H. N. Hayward, Associate (C).....	D	2 400
16.	....., Associate (C).....	D	2 400
17.	H. W. Horn, Instructor (C).....	E	1 800
18.	G. H. Fett, Instructor (C).....	E	1 800
19.	....., Assistant (C).....	E	1 800
20.	P. G. Gray, Assistant (C).....	E50	700
21.	C. M. Milner, Research Graduate Assistant (S).....	E50	600
22.	G. H. Powers, Mechanician (C. S.) (C & S).....	D	2 000
23.	W. S. Goodspeed, Mechanician, <i>Retired</i>		973
24.	Marcia Hopperstad, Clerk and Stenographer (C. S.) (C & S).....	D	1 300
	<i>Sub-total, Salaries</i>		(63 291)
25.	Wages.....	H	805
	<i>Total, Electrical Engineering</i>		\$ 64 096

General Engineering Drawing

1.	H. H. Jordan, Professor and Head of Department (C).....	A67	\$ 4 700
	(See Administration.....)	D33	2 100)
	(Total salary.....)		6 800)
2.	R. P. Hoelscher, Professor (C).....	A	4 500
3.	C. H. Springer, Associate Professor (C).....	A	3 200
4.	F. M. Porter, Assistant Professor (C).....	B	3 200
5.	Albert Jorgensen, Assistant Professor (C).....	D	3 000
6.	R. S. Crossman, Associate (C).....	D	2 440
7.	S. G. Hall, Associate (C).....	D	2 700
8.	L. D. Walker, Associate (C).....	D	2 600
9.	J. T. Lendrum, Associate (C).....	D	2 200
10.	G. R. Fink, Instructor (C).....	E	2 000
11.	S. H. Pierce, Instructor (C).....	E	2 000
12.	R. K. Vierck, Instructor (C).....	E	2 200
13.	L. B. Ritchey, Instructor (C).....	E	1 800
14.	....., Instructor (C).....	E	1 800
15.	Martha J. Boyd, Clerk and Stenographer (C. S.) (C).....	D50	540
	(See Administration.....)	D50	540)
	(Total salary.....)		1 080)
	<i>Sub-total, Salaries</i>		(38 880)
16.	Wages.....	H	350
	<i>Total, General Engineering Drawing</i>		\$ 39 230

Mechanical Engineering

1.	O. A. Leutwiler, Professor of Mechanical Engineering Design and Head of Department (C & S).....	A	\$ 6 800
2.	A. P. Kratz, Research Professor (C & S).....	A	6 100
3.	J. A. Polson, Professor of Steam Engineering (C).....	A	5 000
4.	C. H. Casberg, Professor (C).....	A	5 300
5.	C. W. Ham, Professor of Machine Design (C).....	A	5 300
6.	H. J. Macintire, Professor of Refrigeration (C).....	A	4 200
7.	W. H. Severns, Professor (C).....	A	4 300
8.	J. A. Goff, Professor of Thermodynamics (C).....	A	4 600
9.	M. R. Riddell, Associate Professor of Aeronautical Engineering (C).....	A25	900
	(See Administration.....)	B75	2 900)
	(Total salary.....)		3 800)
10.	W. N. Espy, Associate Professor (C).....	A	3 500
11.	P. E. Mohn, Assistant Professor (C).....	B	3 000
12.	M. K. Fahnestock, Research Assistant Professor (S).....	B	3 750
13.	F. H. Thomas, Assistant Professor (C).....	B	2 900
14.	D. G. Ryan, Assistant Professor (C).....	D	3 300
15.	R. F. Larson, Assistant Professor (C).....	B	2 700
16.	A. E. Hershey, Research Assistant Professor (S).....	B	3 000

		Salary
17. P. E. Henwood, Associate in Machine Design (C).....	D	2 700
18. E. T. Lanham, Associate, <i>Emeritus</i>		1 389
19. B. R. Hall, Associate, <i>Emeritus</i>		1 020
20. J. F. Wooddell, Associate (C).....	D	2 800
21. C. E. Schubert, Associate (C).....	D	2 700
22. J. C. Reed, Associate (C).....	D	2 300
23. C. J. Starr, Associate (C).....	D	2 500
24. J. R. Fellows, Associate (C).....	D	2 300
25. R. D. Williams, Associate (C).....	D	2 400
26. _____, Associate (C).....	D	2 600
27. A. D. Wright, Instructor (C).....	D	2 200
28. E. L. Broghamer, Instructor (C).....	E	2 000
29. J. C. Miles, Instructor (C).....	E	1 900
30. J. P. CoVan, Instructor (C).....	E	1 800
31. W. E. Compton, Instructor (C).....	E	1 800
32. C. T. Grace, Instructor (C).....	E	1 800
33. _____, Instructor (C).....	E	1 900
34. _____, Instructor (C).....	E	1 900
35. C. E. Derrough, Assistant (C).....	D	2 300
36. E. L. Broderick, Research Assistant (S).....	D	2 100
37. _____, Research Graduate Assistant (S).....	E ₅₀	600
38. E. B. Corbin, Mechanician in the Shop Laboratories (C. S.) (C).....	D	2 000
39. G. J. Oehmke, Mechanician in the Mechanical Engineering Laboratory (C. S.) (C).....	D	2 000
40. M. W. Hoag, Mechanician in the Mechanical Engineering Laboratory (C. S.) (C).....	D	2 000
41. W. H. Smith, Mechanician in the Mechanical Engineering Laboratory (C. S.) (C).....	D	1 600
42. T. E. Parsons, Assistant Mechanician in the Shop Laboratories (C. S.) (C).....	D	1 500
43. M. B. Singer, Jr., Assistant Mechanician in the Shop Laboratories (C. S.) (C).....	D	1 500
44. W. C. Clark, Assistant Mechanician in the Shop Laboratories (C. S.) (C).....	E	1 400
45. I. E. Douglas, Tool-room Attendant in the Mechanical Engineering Laboratory (C. S.) (C).....	D	1 330
46. C. D. Floyd, Tool-room Attendant in the Machine Tool Laboratory (C. S.) (C).....	D	1 240
47. J. H. Huffer, Tool-room Attendant in Pattern Laboratory (C. S.).....	E	1 150
48. Mrs. Beulah M. Dent, Secretary (C. S.) (C & S).....	D	1 900
49. Irene Cunningham, Clerk and Stenographer (C. S.) (C).....	D	1 260
Sub-total, Salaries.....		(126 539)
50. Wages.....	H	1 200
Total, Mechanical Engineering.....		\$127 739

Mining and Metallurgical Engineering

1. A. C. Callen, Professor of Mining Engineering and Head of Department (C & S).....	A	\$ 6 200
2. A. B. Wilder, Assistant Professor of Metallurgical Engineering (C).....	B	3 200
3. H. P. Nicholson, Assistant Professor of Mining Engineering (C).....	D	3 200
4. _____, Assistant Professor of Metallurgical Engineering (C).....	D	3 000
5. W. H. Bruckner, Research Associate in Metallurgical Engineering (S).....	D	3 200
6. H. W. Kruse, Mechanician (C. S.) (C & S).....	D	1 200

7. Hazel Allen, Clerk and Stenographer (C. S.) (C & S).....	D		<i>Salary</i>
<i>Sub-total, Salaries</i>			1 140
8. Wages.....	H		(21 140)
<i>Total, Mining and Metallurgical Engineering</i>			200
			<u>\$ 21 340</u>

Physics

1. F. W. Loomis, Professor and Head of Department (C) (On leave with full pay for first semester of 1938-39).....	A	\$ 6 800
2. A. P. Carman, Professor, <i>Emeritus</i>		3 000
3. C. T. Knipp, Professor of Experimental Electricity, <i>Emeritus</i>		2 625
4. F. R. Watson, Professor of Experimental Physics (C).....	A	5 250
5. Jakob Kunz, Professor of Mathematical Physics (C).....	A	4 850
6. _____, Professor (C).....	D	5 100
7. W. F. Schulz, Associate Professor (C).....	A	3 350
8. E. H. Williams, Associate Professor of Experimental Physics (C).....	A	3 650
9. R. F. Paton, Associate Professor (C).....	A	3 800
10. P. G. Kruger, Associate Professor.....	A	4 000
Acting Head of Department (C) for first semester of 1938-39.....	F	.....
11. J. H. Bartlett, Jr., Associate Professor of Theoretical Physics (C).....	A	3 600
12. H. M. Mott-Smith, Jr., Assistant Professor (C).....	B	3 600
13. G. M. Almy, Assistant Professor (C).....	B	3 300
14. _____, Assistant Professor (C).....	D	3 400
15. J. H. Manley, Associate (C).....	D	2 500
16. E. B. Jordan, Jr., Associate (C).....	D	2 500
17. _____, Instructor (C).....	E	2 000
18. _____, Instructor (C).....	E	2 000
19. _____, Instructor (C).....	E	2 000
20. A. C. Beiler, Assistant (C).....	E50	700
21. J. W. Clark, Assistant (C).....	E50	700
22. T. J. Wang, Assistant (C).....	E50	700
23. L. W. Phillips, Assistant (C).....	E50	700
24. E. B. Hales, Assistant (C).....	E50	700
25. W. L. Parker, Assistant (C).....	E50	700
26. H. F. Ott, Assistant (C).....	E50	700
27. F. J. Willig, Assistant (C).....	E50	700
28. H. A. Nye, Assistant (C).....	E50	700
29. R. D. O'Neal, Assistant (C).....	E50	700
30. E. A. Luebke, Assistant (C).....	E50	700
31. R. C. Westphal, Assistant (C).....	E50	700
32. N. D. Coggeshall, Assistant (C).....	E50	700
33. J. W. Coltman, Assistant (C).....	E50	700
34. W. E. Good, Assistant (C).....	E50	700
35. R. N. Griesheimer, Assistant (C).....	E50	700
36. R. D. Rawcliffe, Assistant (C).....	E50	700
37. V. M. Korty, Assistant (C).....	E50	700
38. Scott Anderson, Assistant (C).....	E50	700
39. F. W. Stallmann, Assistant (C).....	E50	700
40. R. F. McCune, Assistant (C).....	E50	700
41. C. E. McClellan, Assistant (C).....	E50	700
42. G. R. Gamertsfelder, Assistant (C).....	E50	700
43. R. P. Jones, Assistant (C).....	E50	700
44. D. W. Martin, Assistant (C).....	E50	700
45. F. B. Berger, Assistant (C).....	E50	700
46. _____, Assistant (C).....	E50	700
47. A. H. Colbey, Glassblower (C).....	D	1 990
48. C. W. Fieg, Mechanician (C. S.) (C).....	D	1 910
49. Ernest Englund, Mechanician (C. S.) (C).....	D	2 000
50. W. C. Deem, Assistant Mechanician (C. S.) (C).....	D	1 630

		<i>Salary</i>
51. _____, Assistant Mechanician (C. S.) (C).....	D	1 540
52. H. T. Wyninger, Storekeeper and Lecture Attendant (C. S.) (C).....	D	1 630
53. Della M. Rogers, Secretary (C. S.) (C).....	D	1 640
<i>Sub-total, Salaries</i>		(98 565)
54. Wages.....	H	1 000
<i>Total, Physics</i>		\$ 99 565

Railway Engineering

1. E. C. Schmidt, Professor and Head of Department (C & S)...	A	\$ 6 000
2. E. E. King, Professor of Railway Civil Engineering (C)....	A	4 500
3. E. G. Young, Research Professor of Railway Mechanical Engineering (C & S).....	A	3 950
4. J. K. Tuthill, Associate Professor of Railway Electrical Engi- neering (C).....	A	3 650
5. H. J. Schrader, Assistant Professor of Railway Mechanical Engineering (C & S).....	B	3 050
6. H. R. Higgins, Mechanician (C. S.) (C & S).....	D90	1 620
7. Marjorie M. Bassett, Clerk and Stenographer (C. S.) (C & S)	D75	810
<i>Sub-total, Salaries</i>		(23 580)
8. Wages.....	H	220
<i>Total, Railway Engineering</i>		\$ 23 800

Theoretical and Applied Mechanics

1. F. B. Seely, Professor and Head of Department (C & S)....	A	\$ 6 800
2. M. L. Enger, Professor of Mechanics and Hydraulics (C & S) Dean and Director (C & S).....	B	.....
(Salary under Administration)		.....
3. A. N. Talbot, Professor, <i>Emeritus</i>		3 000
4. H. F. Moore, Research Professor of Engineering Materials (C & S).....	A	8 500
5. F. E. Richart, Research Professor of Engineering Materials (C & S).....	A	5 500
6. W. J. Putnam, Professor (C).....	A	4 000
7. J. O. Draffin, Professor (C).....	A	4 000
8. N. E. Ensign, Associate Professor (C).....	A	3 600
9. V. P. Jensen, Research Assistant Professor (C & S).....		.....
(See Concrete Slabs Investigation.....)	F	3 600) ¹
10. V. R. Fleming, Assistant Professor (C).....	B	3 250
11. C. P. Kittredge, Assistant Professor (C).....	B	3 000
12. W. L. Schwalbe, Assistant Professor (C).....	B	3 000
13. T. J. Dolan, Assistant Professor (C & S).....	B	3 000
14. W. M. Lansford, Assistant Professor (C).....	B	2 700
15. R. L. Brown, Associate (C).....	D	2 750
16. W. L. Collins, Associate (C).....	D	2 400
17. E. W. Suppiger, Associate (C).....	D	2 300
18. P. G. Jones, Instructor (C).....	E	1 800
19. J. O. Smith, Instructor (C).....	E	1 800
20. _____, Instructor (C).....	E	1 800
21. _____, Instructor (C).....	E	1 800
22. _____, Research Graduate Assistant (S).....	E50	600
23. Robert Pergande, Mechanician (C. S.) (C & S).....	D	2 000
24. A. J. Nickerson, Assistant and Storekeeper (C. S.) (C & S)...	D	1 450
25. Dorothy D. Cook, Clerk and Stenographer (C. S.) (C & S)...	D	1 200
<i>Sub-total, Salaries</i>		(70 250)
26. Wages.....	H	2 600
<i>Total, Theoretical and Applied Mechanics</i>		\$ 72 850

¹If the Concrete Slabs Investigation is discontinued, this salary is to be provided from general University funds.

Chemical Engineering Research

			<i>Salary</i>
1. D. B. Keyes, Professor of Chemical Engineering (S).....	A50	\$	3 125
(See Department of Chemistry.....)	A50		3 125)
(Total salary.....)			6 250)
2. Sherlock Swann, Jr., Research Associate Professor (S).....	A		3 200
3. ———, Stenographer (C. S.) (S).....	D10		110
(See Department of Chemistry.....)	D90		970)
(Total salary.....)			1 080)
<i>Sub-total, Salaries</i>			(6 435)
4. Wages.....	H		400
<i>Total, Chemical Engineering Research</i>			\$ 6 835

Sewage Research

1. ———, Research Graduate Assistant.....	E50	\$	600
<i>Sub-total, Salaries</i>			(600)
2. Wages.....	H		1 500
<i>Total, Sewage Research</i>			\$ 2 100

Special Cooperative Investigations*Rails Investigation*

1. H. R. Thomas, Special Research Professor of Engineering Materials (S) (Until further notice).....	F75	\$	3 750
(See Continuous Welded Rails.....)	F25		1 250)
(Total salary.....)			5 000)
2. R. E. Cramer, Special Research Assistant Professor of Engineering Materials (S) (Until further notice).....	F75		2 850
(See Continuous Welded Rails.....)	F25		950)
(Total salary.....)			3 800)
3. N. J. Alleman, Special Research Associate in Engineering Materials (S) (Until further notice).....	F		3 000
4. J. L. Bisesi, Special Research Associate in Engineering Materials (S) (Until further notice).....	F		3 000
5. S. W. Lyon, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F		2 400

Continuous Welded Rails

1. H. R. Thomas, Special Research Professor of Engineering Materials (S) (Until further notice).....	F25		1 250
(See Rails Investigation.....)	F75		3 750)
(Total salary.....)			5 000)
2. R. E. Cramer, Special Research Assistant Professor of Engineering Materials (S) (Until further notice).....	F25		950
(See Rails Investigation.....)	F75		2 850)
(Total salary.....)			3 800)

Stretching of Lead Sheaths

1. C. W. Dollins, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F		2 400
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Rigid Frame Structures

1. J. V. Coombe, Special Research Assistant in Civil Engineering (S) (Until further notice).....	F		2 280
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Cylindrical Shells as Columns

1. E. D. Olson, Special Research Graduate Assistant in Civil Engineering (S) (Until February 1, 1939).....	F50		600
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Pressures in Granular Materials

1. ———, Special Research Graduate Assistant in Civil Engineering (S).....	E50		600
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*Concrete Slabs Investigation**Salary*

- | | | |
|---|-----|-------|
| 1. V. P. Jensen, Special Research Assistant Professor of Theoretical and Applied Mechanics (S) (Until further notice) | F | 3 600 |
| 2. R. W. Kluge, Special Research Associate in Theoretical and Applied Mechanics (S) (Until further notice)..... | F | 3 000 |
| 3. W. A. Renner, Special Research Graduate Assistant in Theoretical and Applied Mechanics (S)..... | E50 | 600 |
| 4. C. P. Siess, Special Research Graduate Assistant in Theoretical and Applied Mechanics (S)..... | E50 | 600 |
| 5. Carl Rohde, Special Research Graduate Assistant in Theoretical and Applied Mechanics (S)..... | E50 | 600 |

Solubility of Boiler Waters

- | | | |
|---|---|-------|
| 1. F. G. Straub, Special Research Associate Professor of Chemical Engineering (S) (Until further notice)..... | F | 4 100 |
|---|---|-------|

Stack Gases

- | | | |
|--|-----|--------|
| 1. H. F. Johnstone, Associate Professor of Chemical Engineering (C & S)..... | A15 | 850 |
| (See Department of Chemistry.....) | A85 | 3 550) |
| (Total salary.....) | | 4 400) |
| 2. A. D. Singh, Special Research Assistant in Chemical Engineering (S) (Until further notice)..... | F | 2 400 |

Enamel Frits

- | | | |
|--|---|-------|
| 1. B. W. King, Jr., Special Research Assistant in Ceramic Engineering (S)..... | F | 2 400 |
|--|---|-------|

Factors Controlling Uses of Clay

- | | | |
|---|-----|-----|
| 1. F. M. Fraulini, Special Research Assistant in Ceramic Engineering (S)..... | E50 | 600 |
|---|-----|-----|

Warm Air Furnace Research

- | | | |
|---|---|-------|
| 1. Seichi Konzo, Special Research Assistant Professor of Mechanical Engineering (S) (Until further notice)..... | F | 3 200 |
|---|---|-------|

Heating and Ventilating

- | | | |
|---|------------|------------------|
| 1. R. B. Knight, Special Research Graduate Assistant in Mechanical Engineering (S)..... | Sem. I F50 | 300 |
| <i>Total, Special Cooperative Investigations.....</i> | | <u>\$ 45 330</u> |

COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION

Summary

<i>College</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration—General.....	\$26 505	\$4 805	\$31 310
Administration—Aids to Vocational Agriculture Teachers.....	3 000	500	3 500
Agricultural Economics.....	21 368	400	21 768
Agricultural Engineering.....	14 362	1 205	15 567
Agronomy.....	30 027	2 090	32 117
Animal Husbandry.....	51 759	22 160	73 919
Dairy Husbandry.....	41 073	20 990	62 063
Forestry.....	3 850	250	4 100
Home Economics.....	52 612	9 138	61 750
Horticulture.....	59 408	10 780	70 188
<i>Sub-total</i>	(303 964)	(72 318)	(376 282)
Organized Activities relating to College (self-supporting):			
Dairy Creamery.....	15 397	37 603	53 000
Home Economics Cafeteria.....	4 100	8 600	12 700
<i>Sub-total</i>	(19 497)	(46 203)	(65 700)
<i>Total, College</i>	<u>\$323 461</u>	<u>\$118 521</u>	<u>\$441 982</u>
<i>Station</i>			
Administration.....	\$10 039	\$ 6 560	\$ 16 599
Agricultural Economics.....	24 577	4 453	29 030
Agricultural Engineering.....	14 041	1 991	16 032
Agronomy.....	100 677	39 021	139 698
Animal Husbandry.....	77 233	59 660	136 893
Dairy Husbandry.....	35 678	13 607	49 285
Horticulture.....	44 995	8 746	53 741
<i>Sub-total</i>	(307 240)	(134 038)	(441 278)
Hatch Fund.....	15 000	.....	15 000 ²
Adams Fund.....	15 000	.....	15 000 ²
Purnell Fund.....	45 755 ¹	14 245	60 000 ²
Bankhead-Jones Fund.....	51 495 ¹	13 557	65 052 ²
Cook County Experiment Station.....	7 812	3 388	11 200
Station Revolving Fund.....	.....	800	800
<i>Sub-total</i>	(135 062)	(31 990)	(167 052)
<i>Total, Station</i>	<u>\$442 302</u>	<u>\$166 028</u>	<u>\$608 330</u>
<i>Extension</i>			
Smith-Lever Fund (includes Bankhead-Jones Fund).....	\$404 003 ¹	\$101 624	\$505 627 ²
Capper-Ketcham Fund.....	38 290 ¹	171	38 461 ²
Additional Cooperative Fund.....	10 000 ³	3 500	13 500 ²
<i>Sub-total</i>	(452 293)	(105 295)	(557 588)
Extension Revolving Fund.....	600 ³	6 400	7 000
<i>Total, Extension</i>	<u>\$452 893</u>	<u>\$111 695</u>	<u>\$564 588</u>
<i>Grand Total</i>	<u>\$1 218 656</u>	<u>\$396 244</u>	<u>\$1 614 900</u>

¹Unused balances may be transferred to expense and equipment by the Director.

²Subject to receipt of the entire amount from the U. S. Government.

³All wages.

Resources for Budget

<i>College</i>	<i>University and Federal Funds</i>	<i>Estimated Income from Sales¹</i>
Administration—General.....	\$31 310	.....
Administration—Aids to Vocational Agriculture		
Teachers.....	3 500	.....
Agricultural Economics.....	21 768	.....
Agricultural Engineering.....	15 367	\$ 200
Agronomy.....	32 117	.....
Animal Husbandry.....	61 669	12 250
Dairy Husbandry.....	38 763	23 300 ²
Forestry.....	4 100	.....
Home Economics.....	61 750	.....
Horticulture.....	55 588	14 600
<i>Sub-total</i>	(325 932)	(50 350)
Organized Activities relating to College (self-supporting):		
Dairy Creamery.....	.....	53 000
Home Economics Cafeteria.....	.....	12 700
<i>Sub-total</i>.....	.....	(65 700)
<i>Total, College</i>	\$325 932	\$116 050
<i>Station</i>		
Administration.....	\$16 599	.....
Agricultural Economics.....	29 030	.....
Agricultural Engineering.....	16 032	.....
Agronomy.....	133 698	\$ 6 000
Animal Husbandry.....	100 193	36 700
Dairy Husbandry.....	38 985	10 300 ²
Horticulture.....	52 841	900
<i>Sub-total</i>	(387 378)	(53 900)
Hatch Fund.....	15 000	.....
Adams Fund.....	15 000	.....
Purnell Fund.....	60 000	.....
Bankhead-Jones Fund.....	65 052	.....
Cook County Experiment Station.....	10 000	1 200
Station Revolving Fund.....	.....	800
<i>Sub-total</i>	(165 052)	(2 000)
<i>Total, Station</i>	\$552 430	\$55 900
<i>Extension</i>		
Smith-Lever Fund (includes Bankhead-Jones Fund) ..	\$505 627	.....
Capper-Ketcham Fund.....	38 461	.....
Additional Cooperative Fund.....	13 500	.....
<i>Sub-total</i>	(557 588)	.....
Extension Revolving Fund.....	.....	\$7 000
<i>Total, Extension</i>	\$557 588	\$7 000
<i>Grand Total</i>	\$1 435 950	\$178 950

¹Expenditures may not exceed actual receipts if less than estimate.²Include \$5,000 estimated surplus from the Creamery, divided equally between College and Station.

Summary Fund Statement

	General University Funds	Federal and Special ¹ State Funds	Estimated Income from Sales	Total
College.....	\$325 932	.....	\$116 050	\$441 982
Station.....	387 378	\$165 052	55 900	608 330
Extension.....	.....	557 588	7 000	564 588
Total.....	\$713 310	\$722 640	\$178 950	\$1 614 900

Expendable Gift Funds²

	Salaries and Wages	Other Expense	Total
Administration:			
Alorco synthetic cryolite.....	\$1 200	.....	\$1 200
Monsanto insecticide research.....	3 900	\$ 500	4 400
Nicotine insecticides.....	600	.....	600
Animal Husbandry:			
Calcium in foods.....	200	.....	200
Literature on poultry and eggs.....	500	50	550
Oat flour products.....	.....	300	300
Dextrose in animal feeding.....	800	.....	800
Home Economics:			
Milk solids.....	3 100	500	3 600
Horticulture:			
Gladiolus investigations.....	400	50	450
Estimated New Projects and Renewals.....	9 900	3 000	12 900
Total.....	\$20 600	\$4 400	\$25 000

Explanation of symbols in titles

C = College; S = Station; E = Extension

Administration

General	Salary
1. H. W. Mumford, Dean of College of Agriculture (C), Director of Agricultural Experiment Station (S), and Director of Extension Service in Agriculture and Home Economics (E).....	B75 \$ 6 562
Professor of Animal Husbandry (C).....	A
(See Smith-Lever Fund.....)	B25 2 188)
(Total salary.....)	8 750)
2. Eugene Davenport, Dean and Professor (C), <i>Emeritus</i>	3 900
3. R. R. Hudelson, Assistant Dean and Professor of Agricultural Economics (C).....	A 4 750
4. F. H. Rankin, Assistant Dean (C), <i>Emeritus</i>	2 476
5. J. C. Spitler, Assistant Director of Extension Service in Agriculture and Home Economics (E), Associate Professor of Agricultural Extension (C), and State Leader of Farm Advisers (E).....	D10 500
(See Smith-Lever Fund.....)	D90 4 500)
(Total salary.....)	5 000)
6. G. L. Jordan, Assistant to the Dean (C) and to the Director (S & E), Assistant Professor (C & E) and Assistant Chief (S), Agricultural Economics.....	D16 582
(See Smith-Lever Fund.....)	D15 544)
(See Purnell Fund.....)	D19 674)
(See Agricultural Economics.....)	D50 1 800)
(Total salary.....)	3 600)

¹Includes Cook County Experiment Station special State appropriation of \$10,000.²Estimated.

		<i>Salary</i>
7. H. W. Hannah, Assistant to the Dean (C) and to the Director (S & E).....	D21	534
(See Smith-Lever Fund.....)	D59	1 533)
(See Purnell Fund.....)	D20	533)
(Total salary.....)		2 600)
8. W. P. Flint, Chief Entomologist with rank of Professor (S) ..	D20	1 000
(From State Natural History Survey.....)	D80	4 000)
(Total salary.....)		5 000)
9. F. J. Keilholz, Extension Editor with rank of Assistant Professor (C S & E).....	D16	660
(See Smith-Lever Fund.....)	D84	3 540)
(Total salary.....)		4 200)
10. Anna C. Glover, Secretary of Agricultural Experiment Station and Manager of Publications (S) (Federal).....		.....
(See Hatch Fund.....)	D94	3 000)
(See Purnell Fund.....)	D06	200)
(Total salary.....)		3 200)
11. J. A. Smith, Editorial Assistant (S) (Federal).....		.....
(See Hatch Fund.....)	D85	1 800)
(See Purnell Fund.....)	D15	300)
(Total salary.....)		2 100)
12. Olive A. Kirkpatrick, Editorial Assistant (S) (Federal).....		.....
(See Purnell Fund.....)	D50	850)
13. _____, Associate (C).....	D	2 400
14. Elizabeth B. Cole, Specialist in Office Organization and Management (S & E) (Federal).....		.....
(See Smith-Lever Fund.....)	D80	1 850)
(See Purnell Fund.....)	D20	450)
(Total salary.....)		2 300)
15. Marion F. Berry, Executive Clerk and Secretary to the Dean and Director (Exempt).....	D	2 100
16. Virginia E. Foster, Secretary to Assistant Dean (C. S.).....	D	1 320
17. Bess Riggs, Chief Clerk (C. S.).....	D83	1 500
(See Smith-Lever Fund.....)	D17	300)
(Total salary.....)		1 800)
18. Ruth E. Rogers, Stenographer.....		.....
(See Smith-Lever Fund.....)	D	1 260)
19. Mrs. Bertha H. Tammeus, Stenographer and Clerk.....		.....
(See Purnell Fund.....)	D	1 260)
20. Lucy Coe, Stenographer (C. S.).....	D	1 200
21. Velma E. Hudgins, Stenographer (C. S.).....	D	1 140
22. Margaret L. Murdock, Clerk.....		.....
(See Bankhead-Jones Research Fund.....)	D	1 020)
23. Ruth C. Moller, Stenographer (Student).....	D80	720
<i>Sub-total, Salaries.....</i>		(31 344)
24. Wages.....	H	5 200
<i>Total, Administration—General.....</i>		<u>\$ 36 544¹</u>

Aids to Vocational Agriculture Teachers

1. Melvin Henderson, Associate, Vocational Agriculture (C)...	D	\$ 3 000
<i>Total, Aids to Vocational Agriculture Teachers (all College) ..</i>		<u>\$ 3 000</u>

Restricted Gift Funds:

Tobacco By-Products and Chemical Corporation—Nicotine Insecticides

1. A. E. Ritcher, Special Research Assistant (Until further notice).....	F50 (\$	600)
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¹College, \$26,505; Station, \$10,039.

Salary

Aluminum Company of America—Alorco Synthetic Cryolite

1. Dwight Powell, Special Research Assistant (Until further notice)..... F75 (1 200)

Monsanto Chemical Company—Monsanto Insecticide Research

1. C. W. Kearns, Special Research Assistant (Until further notice) F (3 000)
 2. R. C. Rendtorff, Special Research Assistant (Until further notice)..... F50 (900)

Agricultural Economics

1. H. C. M. Case, Professor, Agricultural Economics (C) and Chief, Farm Management (S); Head of Department.. A \$ 6 000
 2. R. R. Hudelson, Assistant Dean, College of Agriculture; Professor (C).....
 (Salary under Administration)
 3. J. W. Lloyd, Professor (C) and Chief (S), Olericulture in the Department of Horticulture; Professor (C) and Chief (S), Fruit and Vegetable Marketing in the Department of Agricultural Economics.....
 (Salary under Horticulture)
 4. C. L. Stewart, Professor, Agricultural Economics (C) and Chief, Land Economics (S)..... A71 3 650
 (See Purnell Fund..... A29 1 450)
 (Total salary..... 5 100)
 5. L. J. Norton, Professor, Agricultural Economics (C & E) and Chief, Agricultural Marketing (S)..... A72 3 600
 (See Smith-Lever Fund..... A28 1 400)
 (Total salary..... 5 000)
 6. R. C. Ashby, Professor (C) and Chief (S), Livestock Marketing A50 2 125
 (See Purnell Fund..... A50 2 125)
 (Total salary..... 4 250)
 7. M. L. Mosher, Professor, Farm Management Extension (E) (See Smith-Lever Fund..... A50 2 250)
 8. R. H. Wilcox, Associate Professor (C) and Associate Chief (S), Farm Management..... A40 1 500
 (See Purnell Fund..... A60 2 250)
 (Total salary..... 3 750)
 9. P. E. Johnston, Associate Professor, Agricultural Economics Extension (E) and Associate Chief (S)..... A15 650
 (See Smith-Lever Fund..... A85 3 550)
 (Total salary..... 4 200)
 10. R. C. Ross, Associate Professor (C) and Associate Chief (S), Farm Management..... A 3 600
 11. E. J. Working, Associate Professor (C) and Associate Chief (S) A61 2 950
 (See Purnell Fund..... A39 1 850)
 (Total salary..... 4 800)
 12. R. W. Bartlett, Assistant Professor (C) and Assistant Chief (S) B60 2 160
 (See Purnell Fund..... B40 1 440)
 (Total salary..... 3 600)
 13. J. B. Cunningham, Assistant Professor, Farm Management Extension (E).....
 (See Smith-Lever Fund..... D 3 500)
 14. G. L. Jordan, Assistant to the Dean (C) and to the Director (S & E), Assistant Professor (C & E), and Assistant Chief (S)..... D25 900
 (See Smith-Lever Fund..... D17 600)
 (See Purnell Fund..... D08 300)
 (See Administration..... D50 1 800)
 (Total salary..... 3 600)

		<i>Salary</i>
15.	D. E. Lindstrom, Assistant Professor (C & E) and Assistant Chief (S), Rural Sociology.....	D25 850
	(See Smith-Lever Fund.....)	D50 1 700)
	(See Purnell Fund.....)	D25 850)
	(See Sociology, College of L.A.S.).....	D
	(Total salary.....)	3 400)
16.	V. A. Ekstrom, Associate, Fruit and Vegetable Marketing (S).....	.....
	(See Purnell Fund.....)	D 2 400)
17.	W. A. Herrington, Associate, Farm Management (S).....	.....
	(See Bankhead-Jones Research Fund.....)	D 3 200)
18.	Joseph Ackerman, Associate, Farm Management (C & S)...	D80 2 240
	(See Purnell Fund.....)	D20 560)
	(Total salary.....)	2 800)
19.	———, Associate, Farm Management (C & S)....	D82 2 300
	(See Purnell Fund.....)	D18 500)
	(Total salary.....)	2 800)
20.	J. W. Green, Associate (C & S).....	D80 1 760
	(See Purnell Fund.....)	D20 440)
	(Total salary.....)	2 200)
21.	L. H. Simerl, Extension Specialist, Agricultural Marketing (E).....	.....
	(See Smith-Lever Fund.....)	D 2 200)
22.	E. B. Colegrove, Assistant, Farm Management (S).....	D56 900
	(See Purnell Fund.....)	D44 700)
	(Total salary.....)	1 600)
23.	D. A. Broadbent, Assistant (S).....	.....
	(See Bankhead-Jones Research Fund.....)	D 1 600)
24.	———, Assistant, Agricultural Economics Extension (E).....	.....
	(See Smith-Lever Fund.....)	D 1 700)
25.	———, Assistant, Farm Management (S).....	D50 720
	(See Purnell Fund.....)	D50 720)
	(Total salary.....)	1 440)
26.	E. H. Regnier, Assistant, Rural Organization (E).....	.....
	(See Smith-Lever Fund.....)	D 2 100)
27.	B. R. Hurt, Assistant (C).....	D 1 800
28.	A. J. Brown, Assistant (S).....	.....
	(See Purnell Fund.....)	D50 840)
29.	———, Assistant, Rural Sociology (S).....	.....
	(See Bankhead-Jones Research Fund.....)	D50 720)
30.	N. O. Thompson, Assistant, Agricultural Economics Extension (E).....	.....
	(See Smith-Lever Fund.....)	D50 720)
31.	F. M. Atchley, Assistant (S).....	.....
	(See Purnell Fund.....)	D50 720)
32.	R. T. Ranson, Assistant (S).....	.....
	(See Purnell Fund.....)	D50 720)
33.	E. N. Searls, Assistant (S).....	.....
	(See Bankhead-Jones Research Fund.....)	D50 720)
34.	K. L. Bachman, Assistant (S).....	.....
	(See Purnell Fund.....)	D50 720)
35.	G. W. Freemyer, Assistant (S).....	.....
	(See Purnell Fund.....)	D50 720)
36.	M. P. Gehlbach, Assistant (S).....	E50 600
37.	F. G. Warren, Assistant (S).....	E50 600
38.	Helen L. Sears, Secretary (C. S.).....	D 1 700
39.	Mrs. Marion Busch, Statistical Clerk (C. S.).....	D 1 260
40.	Mrs. Ruth B. Godsey, Stenographer (C. S.).....	D 1 200
41.	———, Clerk (C. S.).....	D 1 080
42.	Mrs. Gertrude C. Becker, Stenographer.....	.....
	(See Purnell Fund.....)	D 1 140)
43.	Frances M. Godfrey, Stenographer.....	.....
	(See Purnell Fund.....)	D 1 140)

		<i>Salary</i>
44. _____, Stenographer.....		.....
(See Smith-Lever Fund.....	D	1 080)
45. Kathryn Arndt, Stenographer.....		.....
(See Smith-Lever Fund.....	D	1 020)
<i>Sub-total, Salaries.....</i>		(44 145)
46. Wages.....	H	1 800
<i>Total, Agricultural Economics.....</i>		\$ 45 945 ¹

Agricultural Engineering

1. E. W. Lehmann, Professor (C) and Chief (S), Head of Department.....	A	\$ 5 500
2. W. A. Foster, Associate Professor (C) and Associate Chief (S), Rural Architecture.....	A	3 750
3. R. I. Shawl, Associate Professor (C) and Associate Chief (S) A		3 750
4. A. L. Young, Assistant Professor (C) and Assistant Chief (S) B		3 000
5. R. H. Reed, Associate (S).....	D	2 700
6. R. R. Parks, Extension Specialist (E).....		.....
(See Smith-Lever Fund.....	D	2 900)
7. R. C. Hay, Extension Specialist (E).....		.....
(See Smith-Lever Fund.....	D	2 300)
8. H. P. Bateman, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....	D	1 800)
9. C. W. Veach, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....	D	1 800)
10. E. L. Hansen, Assistant (C & S).....	D	1 600
11. S. M. Elliott, Assistant (S).....		.....
(See Bankhead-Jones Research Fund.....	D	1 575)
12. _____, Assistant (C).....	D ⁵⁰	720
13. Marie E. Cavanaugh, Stenographer (C. S.).....	D	1 200
14. Inez L. Jameson, Stenographer (C. S.).....	D	1 140
15. _____, Stenographer.....		.....
(See Smith-Lever Fund.....	D	1 020)
16. M. D. Rose, Laborer, <i>Retired</i>		663
<i>Sub-total, Salaries.....</i>		(24 023)
17. Wages.....	H	4 380
<i>Total, Agricultural Engineering.....</i>		\$ 28 403 ²

Agronomy

1. W. L. Burlison, Professor (C) and Chief (S), Crop Production; Head of Department.....	A	\$ 7 000
2. C. F. Hottes, Consulting Plant Physiologist (S), <i>Emeritus</i> ...		453
(See Department of Botany.....		2 254)
(Total salary.....		2 707)
3. L. H. Smith, Chief in Charge of Publications of Soil Survey (S) A		4 050
4. F. C. Bauer, Professor, Soil Fertility (C) and Chief, Soil Experiment Fields (S).....	A	4 725
5. J. C. Hackleman, Professor, Crops Extension (E).....		.....
(See Smith-Lever Fund.....	A	4 520)
6. E. E. De Turk, Professor, Soil Fertility (C) and Chief, Soil Fertility and Soil Analysis (S).....	A	4 500
7. R. S. Smith, Professor, Soil Physics (C) and Chief, Soil Physics and Soil Survey (S).....	A	4 725
8. C. M. Woodworth, Professor (C) and Chief (S), Plant Genetics A		4 500
9. J. J. Pieper, Professor (C) and Chief (S), Crop Production.. A		3 750
10. G. H. Dungan, Professor (C) and Chief (S), Crop Production A ³⁶		1 350
(See Hatch Fund.....	A ⁶⁴	2 400)
(Total salary.....		3 750)
11. Benjamin Koehler, Chief, Crop Pathology (S).....	A	3 750

¹College, \$21,368; Station, \$24,577.²College, \$14,362; Station, \$14,041.

		<i>Salary</i>
12.	L. J. Norton, Professor, Agricultural Economics (C & E) and Chief, Agricultural Marketing (S)..... (Salary under Agricultural Economics)	.....
13.	O. H. Sears, Associate Professor (C) and Associate Chief (S), Soil Biology..... A	3 600
14.	D. C. Wimer, Associate Professor (C) and Associate Chief (S), Soil Physics..... A	3 225
15.	H. J. Snider, Assistant Chief, Soil Experiment Fields (S)... B	2 905
16.	C. M. Linsley, Assistant Professor, Soils Extension (E)..... (See Smith-Lever Fund..... B	3 800)
17.	A. L. Lang, Assistant Chief, Soil Experiment Fields (S).... B	2 800
18.	F. H. Crane, Assistant Professor (C) and Assistant Chief (S), Soil Fertility..... B	2 800
19.	R. H. Bray, Assistant Chief, Soil Survey Analysis (S)..... B	3 200
20.	Herman Wascher, Assistant Chief, Soil Survey (S)..... B	2 800
21.	O. T. Bonnett, Assistant Professor (C) and Assistant Chief (S), Plant Genetics..... D	2 700
22.	R. S. Stauffer, Associate, Soil Physics and Soil Survey (S)... B	2 500
23.	C. J. Badger, Associate, Soil Experiment Fields (S)..... B	2 100
24.	L. B. Miller, Associate, Soil Experiment Fields (S)..... B	2 300
25.	J. E. Giesekeing, Associate, Soil Physics and Soil Survey (S). B	2 400
26.	Eric Winters, Associate, Soil Physics and Soil Survey (S)... B	2 500
27.	G. D. Smith, Associate, Soil Physics and Soil Survey (S)... D	2 500
28.	O. E. Bolin, Associate, Plant Genetics (C & S)..... D	2 000
29.	J. C. Anderson, First Assistant, Soil Fertility (S)..... D	1 630
30.	P. E. Johnson, First Assistant, Soil Experiment Fields (S)... D	2 000
31.	C. H. Farnham, First Assistant, Soil Experiment Fields (S) D	2 100
32.	F. F. Riecken, First Assistant, Soil Survey (S)..... (See Bankhead-Jones Research Fund..... D	2 400)
33.	L. F. Marriott, Assistant, Soil Experiment Fields (S)..... D	1 600
34.	E. P. Whiteside, Assistant, Soil Physics and Soil Survey (S) D	1 700
35.	I. R. Hoener, Assistant, Soil Fertility (S)..... D	1 500
36.	M. D. Appleman, Assistant, Soil Biology (S)..... D ⁴⁰ (See Hatch Fund..... D ⁶⁰	600 900)
	(Total salary.....	1 500)
37.	R. R. Copper, Assistant, Crop Production (C & S)..... D	1 400
38.	E. D. Walker, Extension Specialist (E)..... (See Smith-Lever Fund..... D	3 000)
39.	_____, Assistant (S)..... (See Bankhead-Jones Research Fund..... D	1 600)
40.	R. F. Fuelleman, Assistant, Crop Production (S)..... (See Bankhead-Jones Research Fund..... D	2 200)
41.	R. T. Odell, Assistant, Soil Survey (S)..... (See Bankhead-Jones Research Fund..... D	1 600)
42.	_____, Assistant, Soil Survey (S)..... (See Bankhead-Jones Research Fund..... D	1 600)
43.	R. B. Musgrave, Assistant, Crop Production (C & S)..... D ¹⁵ (See Hatch Fund..... D ³⁵	250 590)
	(Total salary.....	840)
44.	W. C. Templeton, Jr., Assistant, Crop Production (C)..... D ⁵⁰	720
45.	S. R. Dickman, Assistant, Soil Survey Analysis (S)..... D ⁵⁰	720
46.	_____, Assistant, Soil Survey Analysis (S)..... D ⁵⁰	720
47.	Cecele E. Schlarman, Chief Clerk (C. S.)..... D	1 900
48.	Lulu B. Meyers, Senior Clerk (C. S.)..... D	1 760
49.	Rosa M. Nickell, Stenographer (C. S.)..... D	1 200
50.	_____, File Clerk (C. S.)..... D	1 020
51.	_____, Stenographer (C. S.)..... D	1 020
52.	Mrs. Orlena L. Leischner, Stenographer (C. S.)..... D	1 080
53.	_____, Stenographer (C. S.)..... D	960
54.	_____, Stenographer..... (See Smith-Lever Fund..... D	1 020)

		Salary
55. F. W. Gault, Scientific Assistant, <i>Retired</i>		1 007
56. J. D. Smith, Laborer, <i>Retired</i>		559
Sub-total, <i>Salaries</i>		(104 579)
57. Wages.....	H	26 125
Total, <i>Agronomy</i>		\$130 704 ¹

Animal Husbandry

1. H. P. Rusk, Professor (C) and Chief (S), Cattle Husbandry; Head of Department.....	A	\$ 7 200
2. H. W. Mumford, Professor (C).....	A	.....
Dean (C) and Director (S & E).....	B	.....
(Salary under Administration)		
3. Robert Graham, Professor (C & E) and Chief (S), Animal Pathology and Hygiene.....	A74	3 815
(See Smith-Lever Fund.....)	A26	1 325)
(Total salary.....)		5 140)
4. L. E. Card, Professor (C) and Chief (S), Poultry Husbandry	A	5 560
5. J. L. Edmonds, Professor (C) and Chief (S), Horse Husbandry	A	4 750
6. H. H. Mitchell, Professor (C) and Chief (S), Animal Nutrition	A75	3 567
(See Adams Fund.....)	A25	1 183)
(Total salary.....)		4 750)
7. W. E. Carroll, Professor (C) and Chief (S), Swine Husbandry	A	4 600
8. Elmer Roberts, Professor (C) and Chief (S), Animal Genetics	A50	2 000
(See Adams Fund.....)	A50	2 000)
(Total salary.....)		4 000)
9. R. C. Ashby, Professor (C) and Chief (S), Livestock Marketing	A	.....
(Salary under Agricultural Economics)		
10. H. S. Grindley, Professor, Animal Nutrition (C), <i>Emeritus</i> ..		2 000
11. Sleeter Bull, Associate Professor (C) and Associate Chief (S), Meats.....	A67	2 692
(See Purnell Fund.....)	A33	1 346)
(Total salary.....)		4 038)
12. E. T. Robbins, Associate Professor, Animal Husbandry Ex- tension (E).....		.....
(See Smith-Lever Fund.....)	A	4 025)
13. C. A. Brandly, Associate Professor (E) and Associate Chief (S), Animal Pathology and Hygiene.....		.....
(Paid by State Department of Agriculture.....)	A86	3 600)
(See Smith-Lever Fund.....)	A14	600)
(Total salary.....)		4 200)
14. R. R. Snapp, Associate Professor (C) and Associate Chief (S), Beef Cattle Husbandry.....	A	3 750
15. W. G. Kammlade, Associate Professor (C) and Associate Chief (S), Sheep Husbandry.....	A	3 750
16. B. W. Fairbanks, Associate Professor (E) and Associate Chief (S), Pasture Improvement.....	A25	900
(See Bankhead-Jones Research Fund.....)	A50	1 800)
(See Smith-Lever Fund.....)	A25	900)
(Total salary.....)		3 600)
17. H. H. Alp, Assistant Professor, Poultry Extension (E).....		.....
(See Smith-Lever Fund.....)	B	3 500)
18. T. S. Hamilton, Assistant Professor (C) and Assistant Chief (S), Animal Nutrition.....	D70	2 520
(See Adams Fund.....)	D17	600)
(See Bankhead-Jones Research Fund.....)	D13	480)
(Total salary.....)		3 600)
19. Jesse Sampson, Associate, Animal Pathology and Hygiene (S & E).....	D81	2 600
(See Smith-Lever Fund.....)	D19	600)
(Total salary.....)		3 200)

¹College, \$30,027; Station, \$100,677.

		<i>Salary</i>
20. C. W. Crawford, Associate (C & S).....	D	2 800
21. H. G. Russell, Extension Specialist, Animal Husbandry (E) (See Smith-Lever Fund.....)	D	2 700)
22. L. E. Boley, Associate, Animal Pathology and Hygiene (S) (Paid by State Department of Agriculture.....)	D	2 430)
23. B. R. Burmester, Instructor (C) and First Assistant (S), Animal Physiology.....	D73	1 600
(See Bankhead-Jones Research Fund.....)	D27	600)
(Total salary.....)		2 200)
24. M. Helen Keith, First Assistant, Animal Nutrition (S), <i>Emerita</i>		879
25. J. B. Shields, Assistant, Animal Nutrition (S).....	D	2 500
26. ———, Assistant, Poultry Husbandry (C & S).....	D50	1 200
27. ———, Assistant, Animal Pathology and Hygiene (C & S).....	D	2 100
28. J. M. Severens, Assistant, Animal Genetics (S)..... (See Bankhead-Jones Research Fund.....)	D	1 800)
29. Jessie R. Beadles, Assistant, Animal Nutrition (S).....	D50	800
(See Adams Fund.....)	D50	800)
(Total salary.....)		1 600)
30. Frank Simpson, Assistant, Animal Nutrition (S)..... (See Adams Fund.....)	D73	1 140)
(See Bankhead-Jones Research Fund.....)	D27	420)
(Total salary.....)		1 560)
31. N. D. Levine, Assistant Animal Parasitologist (S)..... (Entire salary paid by State Department of Agriculture)	D	1 500)
32. Mrs. Elizabeth G. Curzon, Assistant, Animal Nutrition (S) (See Adams Fund.....)	D66	925
(Total salary.....)	D34	475)
33. Margaret Madden, Assistant (S).....	D	1 320
34. W. T. Haines, Laboratory Technician, Animal Nutrition (S) (See Bankhead-Jones Research Fund.....)	D12	200
(Total salary.....)	D88	1 520)
35. F. I. Nakamura, Assistant, Animal Nutrition (S)..... (See Adams Fund.....)	D28	500)
(See Bankhead-Jones Research Fund.....)	D47	820)
(Total salary.....)		1 320)
36. A. E. Cullison, Assistant (C & S).....	D25	360
(See Bankhead-Jones Research Fund.....)	D50	720)
(Total salary.....)		1 080)
37. Wise Burroughs, Assistant (C & S).....	D75	1 080
38. I. F. Edwards, Assistant (C & S).....	D33	600
(See Bankhead-Jones Research Fund.....)	D17	300)
(Total salary.....)		900)
39. ———, Assistant, Animal Pathology and Hygiene (S).....	D50	720
40. W. D. Burrington, Assistant, Animal Genetics (S).....	D50	720
41. ———, Assistant, Animal Pathology and Hygiene (S).....	D50	720
42. R. J. Webb, Assistant (C).....	E50	600
43. Josephine Schmalhausen, Executive Clerk (C. S.).....	D	2 200
44. Mrs. Mary P. Sudduth, Stenographer (C. S.).....	D	1 500
45. Mrs. Margaret Schrader, Senior Clerk (C. S.).....	D	1 350
46. ———, Stenographer (C. S.).....	D	1 200
47. Blanche Hays, Stenographer (C. S.).....	D	1 200
48. Mrs. Ethylene O. Campbell, Stenographer (C. S.).....	D	1 200
49. Leah M. Dunn, Stenographer (C. S.).....	D	1 200
50. ———, Stenographer (C. S.).....	D	1 080
51. ———, Stenographer..... (See Smith-Lever Fund.....)	D	1 080)
52. F. Ruby Stokes, Stenographer (C. S.).....	D	1 020

		Salary
53. W. C. Jones, Laborer, <i>Retired</i>		540
54. J. L. Heddins, Laborer, <i>Retired</i>		904
55. S. W. Kilton, Laborer, <i>Retired</i>		820
Sub-total, <i>Salaries</i>		(83 042)
56. Wages.....	H	45 950
Total, <i>Animal Husbandry</i>		\$128 992 ¹

Dairy Husbandry

1. H. A. Ruehe, Professor (C) and Chief (S), Dairy Manufactures, Head of Department.....	A	\$ 6 000
2. M. J. Prucha, Professor (C) and Chief (S), Dairy Bacteriology (See Hatch Fund.....)	A65 A35	2 750 1 500)
(Total salary.....)		4 250)
3. W. L. Gaines, Professor (C) and Chief (S), Milk Production (See Hatch Fund.....)	A44 A56	1 650 2 100)
(Total salary.....)		3 750)
4. W. W. Yapp, Professor (C) and Chief (S), Dairy Cattle.....	A	4 000
5. C. S. Rhode, Professor, Dairy Husbandry Extension (E).... (See Smith-Lever Fund.....)	A	4 160)
6. W. B. Nevens, Professor (C) and Chief (S), Dairy Cattle Feeding..... (See Hatch Fund.....)	A67 A35	2 525 1 225)
(Total salary.....)		3 750)
7. P. H. Tracy, Professor (C) and Chief (S), Dairy Manufactures (See Creamery.....)	A33 A67	1 333 2 667)
(Total salary.....)		4 000)
8. W. J. Fraser, Professor, Dairy Farming (C), <i>Emeritus</i>		1 834
9. O. R. Overman, Associate Professor (C) and Associate Chief (S), Dairy Chemistry.....	A	3 700
10. J. M. Brannon, Assistant Professor (C) and Assistant Chief (S), Dairy Bacteriology..... (See Hatch Fund.....)	B53 B47	1 475 1 325)
(Total salary.....)		2 800)
11. R. W. Bartlett, Assistant Professor (C) and Assistant Chief (S), Agricultural Economics..... (Salary under Agricultural Economics)		.....
12. S. L. Tuckey, Associate, Dairy Manufactures (C & S).....	D	2 800
13. A. F. Kuhlman, Associate (C & S).....	D	2 200
14. B. F. Whitmore, Extension Specialist in Dairy Husbandry (E) (See Smith-Lever Fund.....)	D	2 600)
15. W. J. Corbett, First Assistant (S)..... (See Bankhead-Jones Research Fund.....)	D	2 100)
16. S. G. Menefee, Assistant, Dairy Chemistry (C & S).....	D	1 600
17. J. G. Cash, Assistant, Dairy Husbandry Extension (E).... (See Smith-Lever Fund.....)	D	2 300)
18. E. E. Ormiston, Assistant, Dairy Production (C & S).....	D	1 800
19. A. J. Hahn, Assistant, Dairy Manufactures (C & S).....	D	1 600
20. _____, Assistant, Dairy Manufactures (C & S)....	D50	720
21. A. C. Maack, Assistant, Dairy Manufactures (C & S).....	D50	720
22. K. E. Harshbarger, Assistant, Dairy Production (C & S)....	D50	720
23. Roberta J. Buckley, Secretary (C. S.).....	D	1 600
24. Mrs. Ellen L. Fabert, Stenographer (C. S.).....	D	1 260
25. Martha G. Glass, Stenographer (C. S.).....	D	1 260
26. Helen M. Hawk, Stenographer (C. S.).....	D	1 080
27. Mrs. Mary C. Hanson, Stenographer..... (See Smith-Lever Fund.....)	D	1 080)
28. Mrs. Louise Walton, Stenographer (C. S.).....	D	1 020
29. G. A. Pickens, Clerk (C. S.).....	D	1 020

¹College, \$51,759; Station, \$77,233.

			<i>Salary</i>
30. Margaret C. Clancy, Stenographer and Clerk (C. S.).....	D		
(See Creamery.....)			1 080)
31. W. T. Marsh, Laborer, <i>Retired</i>			345
32. A. C. Voge, Laborer, <i>Retired</i>			579
33. E. H. Sougthers, Laborer, <i>Retired</i>			465
Sub-total, <i>Salaries</i>			(46 056)
34. Wages.....	H		30 695
Total, <i>Dairy Husbandry</i>			\$ 76 751 ¹

Dairy Creamery

1. P. H. Tracy, Professor (C) and Chief (S), Dairy Manufactures	A67	\$ 2 667
(See Dairy Husbandry.....)	A33	1 333)
(Total salary.....)		4 000)
2. Margaret C. Clancy, Stenographer and Clerk (C. S.).....	D	1 080
Sub-total, <i>Salaries</i>		(3 747)
3. Wages.....	H	11 650
Total, <i>Dairy Creamery</i>		\$ 15 397

Forestry

1. J. N. Spaeth, Professor (C) and Chief (S); Head of Department	D70	\$ 3 850
(See Bankhead-Jones Research Fund.....)	D30	1 650)
(Total salary.....)		5 500)
2. ———, Assistant Professor (E) and Assistant Chief		
(S).....		
(See Bankhead-Jones Research Fund.....)	D54	1 900)
(See Smith-Lever Fund.....)	D46	1 600)
(Total salary.....)		3 500)
3. J. E. Davis, Extension Forester (E).....		
(See Smith-Lever Fund.....)	D18	607)
(From Clarke-McNary Funds, U.S.D.A.....)	D48	1 620)
(From State Natural History Survey.....)	D34	1 173)
(Total salary.....)		3 400)
4. L. B. Culver, Assistant in Forestry Extension (E).....		
(See Smith-Lever Fund.....)	D	2 000)
Total, <i>Forestry</i> (all College).....		\$ 3 850

Home Economics

1. J. Lita Bane, Professor and Head of Department (C) and		
Vice-Director, Extension Work in Home Economics (E)	A84	\$ 4 425
(See Smith-Lever Fund.....)	A16	825)
(Total salary.....)		5 250)
2. Isabel Bevier, Professor (C), <i>Emerita</i>		2 160
3. Sybil Woodruff, Professor (C) and Chief (S), Foods.....	A70	2 800
(See Purnell Fund.....)	A30	1 200)
(Total salary.....)		4 000)
4. Julia P. Outhouse, Associate Professor (C) and Associate Chief		
(S), Nutrition.....	A65	2 260
(See Purnell Fund.....)	A35	1 240)
(Total salary.....)		3 500)
5. ———, Assistant Professor (C) and Assistant Chief		
(S), Household Management.....	D56	2 000
(See Bankhead-Jones Research Fund.....)	D44	1 600)
(Total salary.....)		3 600)
6. Harriet T. Barto, Assistant Professor, Dietetics (C).....	B	3 150
7. Eda A. Jacobsen, Assistant Professor (C).....	B	2 800
8. Mrs. Kathryn V. Burns, State Leader, Home Economics		
Extension (E) and Assistant Professor (C).....	D09	350
(See Smith-Lever Fund.....)	D91	3 400)
(Total salary.....)		3 750)

¹College, \$41,073; Station, \$35,678.

		<i>Salary</i>
9. Evelyn Smith, Assistant Professor, Institution Management (C).....	B	3 160
10. Edna E. Walls, Assistant Professor, Child Development and Parent Education (C & E) (On leave with one-half pay for 1938-39).....	D18	557
(See Smith-Lever Fund.....)	D82	2 603)
(Total salary.....)		3 160)
11. Fannie M. Brooks, Assistant Professor, Health Education (C & E).....	D07	232
(See Smith-Lever Fund.....)	D93	2 968)
(Total salary.....)		3 200)
12. Virginia H. Weaver, Assistant Professor (C).....	B	3 100
13. Mary C. Whitlock, Assistant Professor (C) (On leave with one-half pay for 1938-39).....	B	2 600
14. Helen Eades, Associate (C).....	B	2 225
15. Gladys M. Kinsman, Associate (C & S).....	D49	1 130
(See Purnell Fund.....)	D51	1 170)
(Total salary.....)		2 300)
16. Mrs. Ruth C. Freeman, Associate, Home Accounts (S & E).....		
(See Purnell Fund.....)	D36	855)
(See Smith-Lever Fund.....)	D64	1 545)
(Total salary.....)		2 400)
17. Majel M. MacMasters, Associate (C & S).....	D19	375
(See Purnell Fund.....)	D71	1 425)
(See Bankhead-Jones Research Fund.....)	D10	200)
(Total salary.....)		2 000)
18. Mrs. Pearl Z. Janssen, Associate (C).....	D	2 000
19. Florence M. King, Associate (C).....	D	2 300
20. Helen K. Klaas, First Assistant (S).....		
(See Purnell Fund.....)	E67	1 000)
(See Bankhead-Jones Research Fund.....)	E33	500)
(Total salary.....)		1 500)
21. Elizabeth Rogosheski, Instructor (C).....	E	1 800
22. Mildred Chapin, Instructor (C).....	E	1 800
23. Agnes M. Doster, Instructor (C).....	E15	300
24. _____, Assistant (C).....	E	1 200
25. Elizabeth Kempster, Assistant, Nutrition (S).....		
(See Purnell Fund.....)	D	1 500)
26. Helen E. Underwood, Assistant, Institution Management (C).....	E44	800
(See Cafeteria Fund.....)	E56	1 000)
(Total salary.....)		1 800)
27. _____, Assistant (C).....	E	1 400
28. Marie W. Berndts, Assistant (S).....		
(See Purnell Fund.....)	D	1 500)
29. _____, Assistant, Home Accounts (S).....		
(See Bankhead-Jones Research Fund.....)	D	1 500)
30. _____, Laboratory Assistant (C).....	E50	600
31. _____, Laboratory Assistant (C & S).....	E33	400
(See Purnell Fund.....)	E17	200)
(Total salary.....)		600)
32. _____, Assistant (C).....	E50	600
33. _____, Assistant (C & S).....	D17	240
(See Purnell Fund.....)	D08	120)
(Total salary.....)		360)
34. _____, Assistant (C).....	D25	360
35. Mildred Bonnell, Assistant (C).....	E20	300
(See Residence Halls.....)	E80	1 000)
(Total salary.....)		1 300)
36. _____, Assistant (C).....		
(See Cafeteria Fund.....)	E50	600)
37. Bessie E. Packard, Secretary.....	D	1 900

		Salary
38. Melba L. Holmes, Stenographer (C. S.).....	D	1 200
39. ———, Laboratory Caretaker (C. S.).....	D75	650
(From Building Operations Wages.....)	D25	250)
(Total salary.....)		900)
40. Mrs. Mary L. Ryan, Caretaker, <i>Retired</i>		288
(See Building Operations.....)		144)
(Total salary.....)		432)
<i>Sub-total, Salaries</i>		(51 462)
41. Wages.....	H	1 150
<i>Total, Home Economics (all College)</i>		\$ 52 612

Special Restricted Gift Fund:

The Trust American Dry Milk Institute, Inc.,—Milk Solids

1. Dorothy E. Sheldon, Special Research Assistant (Until further notice).....	F	(1 800)
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Home Economics Cafeteria

1. Helen E. Underwood (See Home Economics, Item 26).....	E56	\$ 1 000
2. ———, (See Home Economics, Item 36).....	E50	600
<i>Sub-total, Salaries</i>		(1 600)
3. Wages.....	H	2 500
<i>Total, Home Economics Cafeteria</i>		\$ 4 100

Horticulture

1. J. C. Blair, Professor (C) and Chief (S), Horticulture; Head of Department.....	A	\$ 7 000
2. J. W. Lloyd, Professor (C) and Chief (S), Olericulture, in Department of Horticulture; Professor (C) and Chief (S), Fruit and Vegetable Marketing, in Department of Agricultural Economics.....	A88	4 468
(See Cook County Experiment Station.....)	A12	632)
(Total salary.....)		5 100)
3. H. B. Dörner, Professor (C) and Chief (S), Floriculture.....	A	4 700
4. M. J. Dorsey, Professor (C) and Chief (S), Pomology.....	A	4 700
5. W. A. Ruth, Professor (C) and Chief (S), Pomological Physiology.....	A	4 000
6. A. S. Colby, Professor, Pomology (C) and Chief, Small Fruit Culture (S).....	A	3 900
7. H. W. Anderson, Professor (C) and Chief (S), Pomological Pathology.....	A	3 900
8. S. W. Hall, Associate Professor (C) and Associate Chief (S), Floriculture.....	A	3 750
9. W. A. Huelsen, Associate Professor (C) and Associate Chief (S), Olericulture.....	A	3 750
10. F. F. Weinard, Associate Professor (C) and Associate Chief (S), Floricultural Physiology.....	A	3 400
11. V. W. Kelley, Associate Professor, Horticulture Extension (E) (See Smith-Lever Fund.....)	A	3 300)
12. J. P. McCollum, Assistant Professor (C) and Assistant Chief (S), Olericulture.....	D60	1 800
(See Cook County Experiment Station.....)	D40	1 200)
(Total salary.....)		3 000)
13. ———, Assistant Professor (C) and Assistant Chief (S), Pomology.....	D	3 000
14. R. L. McMunn, Assistant Professor (C) and Assistant Chief (S), Pomology.....	B	2 800
15. James Hutchinson, Associate, Floriculture (S).....	B	2 800
16. L. A. Somers, Associate, Vegetable Gardening Extension (E) (See Smith-Lever Fund.....)	D	2 400)

		<i>Salary</i>
17. H. H. Thornberry, Assistant Chief, Plant Pathology (S)....	F60	1 680
(See Cook County Experiment Station.....)	F40	1 120)
(Total salary.....)		2 800)
18. B. L. Weaver, Instructor (C) and First Assistant (S), Olericulture.....	D	2 400
19. ———, Extension Specialist, Landscape Gardening (E).....		
(See Smith-Lever Fund.....)	D	2 000)
20. J. B. Corns, Extension Specialist, Olericulture (E).....		
(See Smith-Lever Fund.....)	D	2 400)
21. W. C. Walker, Assistant, Olericulture (C & S).....	D50	800
22. W. N. Brown, Assistant (S).....		
(See Cook County Experiment Station.....)	D	1 440)
23. Louise Mosgrove, Secretary (C. S.).....	D	1 800
24. Mildred M. Burmeier, Stenographer and Clerk (C. S.).....	D	1 140
25. ———, Stenographer and Record-keeper.....		
(See Adams Fund.....)	D	960)
26. ———, Stenographer (C. S.).....	D	1 020
27. ———, Stenographer (C. S.).....	D	1 020
28. Mrs. Helen V. Hamlin, Stenographer and Clerk (C. S.).....	D	1 400
29. G. Estelle Collier, Stenographer (E).....		
(See Smith-Lever Fund.....)	D	1 080)
30. D. C. Sprinkle, Laborer, <i>Retired</i>		570
31. E. P. Brentlinger, Laborer, <i>Retired</i>		657
<i>Sub-total, Salaries</i>		(66 455)
32. Wages.....	H	37 948
<i>Total, Horticulture</i>		\$104 403 ¹

Cook County Experiment Station

1. J. W. Lloyd (See Horticulture, Item 2).....	A12	\$ 632
2. J. P. McCollum (See Horticulture, Item 12).....	D40	1 200
3. H. H. Thornberry (See Horticulture, Item 17).....	F40	1 120
4. W. N. Brown (See Horticulture, Item 22).....	D	1 440 ²
<i>Sub-total, Salaries</i>		(4 392)
5. Wages.....	H	3 420
<i>Total, Cook County Experiment Station</i>		\$ 7 812

Hatch Fund

Administration

1. Anna C. Glover (See Administration, Item 10).....	D94	\$ 3 000
2. J. A. Smith (See Administration, Item 11).....	D85	1 800
<i>Sub-total, Administration</i>		(4 800)

Agronomy

3. G. H. Dungan (See Agronomy, Item 10).....	A64	2 400
4. M. D. Appleman (See Agronomy, Item 36).....	D60	900
5. R. B. Musgrave (See Agronomy, Item 43).....	D35	590
<i>Sub-total, Agronomy</i>		(3 890)

Dairy Husbandry

6. M. J. Prucha (See Dairy Husbandry, Item 2).....	A35	1 500
7. W. L. Gaines (See Dairy Husbandry, Item 3).....	A56	2 100
8. W. B. Nevens (See Dairy Husbandry, Item 6).....	A35	1 225
9. J. M. Brannon (See Dairy Husbandry, Item 10).....	B47	1 325
<i>Sub-total, Dairy Husbandry</i>		(6 150)
<i>Sub-total, Salaries</i>		(14 840)
10. Wages.....	H	160
<i>Total, Hatch Fund</i>		\$ 15 000

¹College, \$59,408; Station, \$44,995.

²With house.

Adams Fund

<i>Animal Husbandry</i>		<i>Salary</i>
1. H. H. Mitchell (See Animal Husbandry, Item 6).....	A25	\$ 1 183
2. Elmer Roberts (See Animal Husbandry, Item 8).....	A50	2 000
3. T. S. Hamilton (See Animal Husbandry, Item 18).....	D17	600
4. Jessie R. Beadles (See Animal Husbandry, Item 29).....	D50	800
5. Frank Simpson (See Animal Husbandry, Item 30).....	D73	1 140
6. Mrs. Elizabeth G. Curzon (See Animal Husbandry, Item 32).....	D34	475
7. F. I. Nakamura (See Animal Husbandry, Item 35).....	D28	500
<i>Sub-total, Animal Husbandry</i>		(6 698)
<i>Horticulture</i>		
8. ————— (See Horticulture, Item 25).....	D	960
<i>Sub-total, Salaries</i>		(7 658)
9. Wages.....	H	7 342
<i>Total, Adams Fund</i>		\$ 15 000

Purnell Fund

<i>Administration</i>		
1. G. L. Jordan (See Administration, Item 6).....	D19	\$ 674
2. H. W. Hannah (See Administration, Item 7).....	D20	533
3. Anna C. Glover (See Administration, Item 10).....	D06	200
4. J. A. Smith (See Administration, Item 11).....	D15	300
5. Olive A. Kirkpatrick (See Administration, Item 12).....	D50	850
6. Elizabeth B. Cole (See Administration, Item 14).....	D20	450
7. Mrs. Bertha H. Tammeus (See Administration, Item 19)...	D	1 260
<i>Sub-total, Administration</i>		(4 267)
<i>Agricultural Economics</i>		
8. C. L. Stewart (See Agricultural Economics, Item 4).....	A29	1 450
9. R. C. Ashby (See Agricultural Economics, Item 6).....	A50	2 125
10. R. H. Wilcox (See Agricultural Economics, Item 8).....	A60	2 250
11. E. J. Working (See Agricultural Economics, Item 11).....	A39	1 850
12. R. W. Bartlett (See Agricultural Economics, Item 12).....	B40	1 440
13. G. L. Jordan (See Agricultural Economics, Item 14).....	D08	300
14. D. E. Lindstrom (See Agricultural Economics, Item 15)....	D25	850
15. V. A. Ekstrom (See Agricultural Economics, Item 16).....	D	2 400
16. Joseph Ackerman (See Agricultural Economics, Item 18)...	D20	560
17. ————— (See Agricultural Economics, Item 19).....	D18	500
18. J. W. Green (See Agricultural Economics, Item 20).....	D20	440
19. E. B. Colegrove (See Agricultural Economics, Item 22).....	D44	700
20. ————— (See Agricultural Economics, Item 25).....	D50	720
21. A. J. Brown (See Agricultural Economics, Item 28).....	D50	840
22. F. M. Atchley (See Agricultural Economics, Item 31).....	D50	720
23. R. T. Ranson (See Agricultural Economics, Item 32).....	D50	720
24. K. L. Bachman (See Agricultural Economics, Item 34)....	D50	720
25. G. W. Freemyer (See Agricultural Economics, Item 35)....	D50	720
26. Mrs. Gertrude C. Becker (See Agricultural Economics, Item 42).....	D	1 140
27. Frances M. Godfrey (See Agricultural Economics, Item 43) D	D	1 140
<i>Sub-total, Agricultural Economics</i>		(21 585)

Animal Husbandry

28. Sleeter Bull (See Animal Husbandry, Item 11).....	A33	1 346
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Home Economics

29. Sybil Woodruff (See Home Economics, Item 3).....	A30	1 200
30. Julia P. Outhouse (See Home Economics, Item 4).....	A35	1 240
31. Gladys M. Kinsman (See Home Economics, Item 15).....	D51	1 170
32. Mrs. Ruth C. Freeman (See Home Economics, Item 16)....	D36	855
33. Majel M. MacMasters (See Home Economics, Item 17)....	D71	1 425

		<i>Salary</i>
34. Helen K. Klaas (See Home Economics, Item 20).....	E67	I 000
35. Elizabeth Kempster (See Home Economics, Item 25).....	D	I 500
36. Marie W. Bernds (See Home Economics, Item 28).....	D	I 500
37. ————— (See Home Economics, Item 31).....	E17	200
38. ————— (See Home Economics, Item 33).....	D08	120
<i>Sub-total, Home Economics</i>		(10 210)
<i>Total, Salaries</i>		(37 408)
39. Wages.....	H	8 347
<i>Total, Purnell Fund</i>		\$ 45 755

Bankhead-Jones Research Fund

Carbohydrates Project

1. T. S. Hamilton (See Animal Husbandry, Item 18).....	D13	\$ 480
2. Frank Simpson (See Animal Husbandry, Item 30).....	D27	420
3. W. T. Haines (See Animal Husbandry, Item 34).....	D88	I 520
4. F. I. Nakamura (See Animal Husbandry, Item 35).....	D47	820
<i>Total, Carbohydrates Project</i>		(3 240)

New Uses Dairy Products Project

5. W. J. Corbett (See Dairy Husbandry, Item 15).....	D	2 100
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Farm Organization Farm Management Project

6. W. A. Herrington (See Agricultural Economics, Item 17)...	D	3 200
7. E. N. Searls (See Agricultural Economics, Item 33).....	D50	720
<i>Total, Farm Organization Farm Management Project</i>		(3 920)

Forestry Project

8. J. N. Spaeth (See Forestry, Item 1).....	D30	I 650
9. ————— (See Forestry, Item 2).....	D54	I 900
<i>Total, Forestry Project</i>		(3 550)

Home Accounts Project

10. ————— (See Home Economics, Item 5).....	D44	I 600
11. ————— (See Home Economics, Item 29).....	D67	900
(See Use of Income, Item 29).....	D33	600
<i>(Total salary)</i>		I 500
<i>Total, Home Accounts Project</i>		(2 500)

Human Element Project

12. ————— (See Agricultural Economics, Item 29).....	D	720
<i>Total, Human Element Project</i>		(720)

Operating and Improvement Costs Project

13. H. P. Bateman (See Agricultural Engineering, Item 8).....	D	I 800
14. S. M. Elliott (See Agricultural Engineering, Item 11).....	D	I 575
<i>Total, Operating and Improvement Costs Project</i>		(3 375)

Pasture Project

15. R. F. Fuelleman (See Agronomy, Item 40).....	D	2 200
16. B. W. Fairbanks (See Animal Husbandry, Item 16).....	A50	I 800
17. A. E. Cullison (See Animal Husbandry, Item 36).....	D50	720
18. I. F. Edwards (See Animal Husbandry, Item 38).....	D17	300
19. Margaret L. Murdock (See Administration, Item 22).....	D33	340
(See Soil Survey, Item 25).....	D33	340
(See Weed Control, Item 32).....	D34	340
<i>(Total salary)</i>		I 020
<i>Total, Pasture Project</i>		(5 360)

Resistance to Disease Project

20. B. R. Burmester (See Animal Husbandry, Item 23).....	D27	600
21. J. M. Severens (See Animal Husbandry, Item 28).....	D	I 800
<i>Total, Resistance to Disease Project</i>		(2 400)

Soil Survey Project

		<i>Salary</i>
22. F. F. Riecken (See Agronomy, Item 32).....	D	2 400
23. R. T. Odell (See Agronomy, Item 41).....	D	1 600
24. ————— (See Agronomy, Item 42).....	D	1 600
25. Margaret L. Murdock (See Administration, Item 22).....	D33	340
(See Pasture, Item 19).....	D33	340
(See Weed Control, Item 32).....	D34	340
(Total salary).....		1 020
<i>Total, Soil Survey Project</i>		(5 940)

Soybeans as Food Project

26. Majel M. MacMasters (See Home Economics, Item 17)....	D10	200
27. Helen K. Klaas (See Home Economics, Item 20).....	D33	500
<i>Total, Soybeans as Food Project</i>		(700)

Use of Income Project

28. D. A. Broadbent (See Agricultural Economics, Item 23)....	D	1 600
29. ————— (See Home Economics, Item 29).....	D33	600
(See Home Accounts, Item 11).....	D67	900
(Total salary).....		1 500
<i>Total, Use of Income Project</i>		(2 200)

Weed Control Project

30. C. W. Veach (See Agricultural Engineering, Item 9).....	D	1 800
31. ————— (See Agronomy, Item 39).....	D	1 600
32. Margaret L. Murdock (See Administration, Item 22).....	D34	340
(See Pasture, Item 19).....	D33	340
(See Soil Survey, Item 25).....	D33	340
(Total salary).....		1 020
<i>Total, Weed Control Project</i>		(3 740)
<i>Total, Salaries</i>		(39 745)
33. Wages.....	H	11 750
<i>Total, Bankhead-Jones Research Fund</i>		\$ 51 495

**Extension Service in Agriculture and Home Economics
Smith-Lever Fund**

(Includes Bankhead-Jones Extension Fund)

Administration

1. H. W. Mumford, Dean of College of Agriculture (C), Director of Agricultural Experiment Station (S), Director of Extension Service in Agriculture and Home Economics (E)..... B25 \$ 2 188
- Professor of Animal Husbandry (C)..... A
- (See Administration)..... B75 6 562
- (Total salary)..... 8 750
2. J. C. Spittler, Assistant Director of Extension Service in Agriculture and Home Economics (E), Associate Professor of Agricultural Extension (C), and State Leader of Farm Advisers (E).....
- (Salary under Farm Advisers and Supervisors).....
3. G. L. Jordan, Assistant to the Dean (C) and to the Director (S & E); Assistant Professor (C & E) and Assistant Chief (S), Agricultural Economics..... D15 544
- (See Purnell Fund)..... D19 674
- (See Administration)..... D16 582
- (See Agricultural Economics)..... D50 1 800
- (Total salary)..... 3 600
4. H. W. Hannah, Assistant to the Dean (C) and to the Director (S & E)..... D59 1 533
- (See Purnell Fund)..... D20 533
- (See Administration)..... D21 534
- (Total salary)..... 2 600

		<i>Salary</i>
5. D. M. Hall, Extension Project Supervisor with rank of Assistant Professor (E).....	D	3 200
6. _____, Extension Specialist in Rural Resettlement (E).....	D	4 000
7. _____, Extension Specialist in Rural Organization (E).....	D	3 000
8. Elizabeth B. Cole, Specialist in Office Organization and Management (S & E) (Federal).....	D80	1 850
(See Purnell Fund).....	D20	450)
(Total salary.....		2 300)
9. Blanche L. Lewis, Executive Clerk.....	D	2 200
10. Bess Riggs, Chief Clerk (C. S.).....	D17	300
(See Administration.....	D83	1 500)
(Total salary.....		1 800)
11. Mrs. Mellie G. Holt, File Clerk.....	D	1 320
12. Audrey E. Wood, Stenographer and Clerk.....	D	1 320
13. Mrs. Mary F. Mauk, Stenographer and Clerk.....	D	1 260
14. Ruth E. Rogers, Stenographer.....	D	1 260
15. Louise A. Westerbeek, Stenographer and Bookkeeper.....	D	1 200
16. Dorothy E. Lane, Stenographer.....	D	960
17. Wages.....	H	2 000
<i>Sub-total, Administration.....</i>		(28 135)

Extension Editors

18. F. J. Keilholz, Extension Editor with rank of Assistant Professor (C S & E).....	D84	3 540
(See Administration.....	D16	660)
(Total salary.....		4 200)
19. W. J. Wyatt, Assistant Extension Editor (E).....	D	3 400
20. Candace A. Hurley, Assistant Extension Editor (E).....	D	1 800
21. T. N. Mangner, Assistant, Radio Extension (E).....	D	1 700
22. Mrs. Lester M. Friend, Stenographer.....	D	1 080
<i>Sub-total, Extension Editors.....</i>		(11 520)

Farm Advisers and Supervisors

23. J. C. Spitler, Assistant Director of Extension Service in Agriculture and Home Economics (E), Associate Professor of Agricultural Extension (C), and State Leader of Farm Advisers (E).....	D90	4 500
(See Administration.....	D10	500)
(Total salary.....		5 000)
24. J. D. Bilsborrow, Assistant State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 400
25. F. E. Longmire, Assistant State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 200
26. _____, Assistant State Leader of Farm Advisers (E).....	D	2 500
27. J. B. Andrews, Administrative Assistant with rank of Assistant Professor (E).....	D	4 000
28. O. L. Whalin, Associate, Agricultural Extension (E).....	D	3 200
29. _____, Assistant, Agricultural Extension (E).....	D	2 400
30. F. A. Painter, Farm Adviser at Large (E).....	D	2 100
31. H. H. Gordon, Farm Adviser at Large (E).....	D	2 400
32. _____, Farm Adviser at Large (E).....	D	2 400
33. _____, Farm Adviser at Large (E).....	D	2 400
34. _____, District Supervisor (E).....	D	2 400
35. _____, District Supervisor (E).....	D	2 400
36. _____, District Supervisor (E).....	D	2 400
37. _____, District Supervisor (E).....	D	2 400
38. _____, District Supervisor (E).....	D	2 400
39. _____, District Supervisor (E).....	D	2 400
40. _____, District Supervisor (E).....	D	2 400

		Salary
41. County Farm Advisers:		
97 at \$720 a year, Smith-Lever and Bankhead-Jones Funds combined ¹		69 840
(From State Department of Agriculture ²		107 500)
(97 at \$1828.25 a year, Federal and State ³	D	177 340)
42. Mrs. Margaret O. Fisher, Stenographer.....	D	1 260
43. Benita L. Winget, Stenographer and Bookkeeper.....	D	1 140
44. Dorothy E. Hanke, Stenographer.....	D	1 080
45. County Clerical Help for 97 Farm Advisers.....	H	45 000
Sub-total, Farm Advisers.....		(169 620)
<i>Rural Youth</i>		
46. G. S. Randall, Specialist, Rural Youth Extension (E).....	D	2 800
<i>Junior Club Work (Boys' 4-H Club Work)</i>		
47. E. I. Pilchard, Extension Specialist, Junior Club Work (E).....	D	3 300
48. F. H. Mynard, Extension Specialist, Junior Club Work (E).....	D	2 500
49. R. G. Benbow, Extension Specialist, Junior Club Work (E).....	D	2 400
50. O. F. Gaebel, District 4-H Club Adviser (E).....	D	2 200
51. H. L. Jepson, District 4-H Club Adviser (E).....	D	2 200
52. Mrs. Helen E. Johnson, Stenographer.....	D	1 200
Sub-total, Junior Club Work, Boys.....		(13 800)
<i>Forestry</i>		
53. _____, Assistant Professor (E) and Assistant Chief (S), Forestry.....	D46	1 600
(See Bankhead-Jones Research Fund.....	D54	1 900)
(Total salary.....		3 500)
54. J. E. Davis, Extension Forester (E).....	D18	607
(From Clarke-McNary Funds, U.S.D.A. ⁴	D48	1 620)
(From State Natural History Survey.....	D34	1 173)
(Total salary.....		3 400)
55. L. B. Culver, Assistant in Forestry Extension (E).....	D	2 000
56. Cornelia Schlorff, Stenographer.....	D	1 020
Sub-total, Forestry.....		(5 227)
<i>Agricultural Economics</i>		
57. L. J. Norton, Professor, Agricultural Economics (C & E) and Chief, Agricultural Marketing (S).....	A28	1 400
(See Agricultural Economics.....	A72	3 600)
(Total salary.....		5 000)
58. M. L. Mosher, Professor, Farm Management Extension (E).....	A50	2 250
59. P. E. Johnston, Associate Professor, Agricultural Economics Extension (E) and Associate Chief, Agricultural Economics (S).....	A85	3 550
(See Agricultural Economics.....	A15	650)
(Total salary.....		4 200)
60. J. B. Cunningham, Assistant Professor, Farm Management Extension (E).....	D	3 500
61. G. L. Jordan, Assistant Professor (C & E) and Assistant Chief (S), Agricultural Economics.....	D17	600
(See Purnell Fund.....	Do8	300)
(See Agricultural Economics.....	D25	900)
(See Administration.....	D50	1 800)
(Total salary.....		3 600)

¹To be increased in June, 1939, if any balances are available due to unused salaries accruing from vacancies in the Extension Service. (This does not mean any increase in the salaries of the farm advisers, but an increase in the amount of the advisers' salary paid from Smith-Lever and Bankhead-Jones Funds.)

²The State appropriation for the fiscal year July 1, 1938, to June 30, 1939, will be paid by the State Department of Agriculture on the salary of the county farm advisers following monthly certification for salary signed by the Director of the Extension Service.

³The county farm advisers also receive additional salary from the local Farm Bureaus.

⁴The Federal Clarke-McNary Fund for the fiscal year July 1, 1938, to June 30, 1939, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

62. D. E. Lindstrom, Assistant Professor (C & E) and Assistant Chief (S), Rural Sociology.....	D50	1 700
(See Purnell Fund.....)	D25	850)
(See Agricultural Economics.....)	D25	850)
(Total salary.....)		3 400)
63. L. H. Simerl, Extension Specialist, Agricultural Marketing (E).....	D	2 200
64. ———, Assistant, Agricultural Economics Extension (E).....	D	1 700
65. E. H. Regnier, Assistant, Rural Organization (E).....	D	2 100
66. N. O. Thompson, Assistant, Agricultural Economics Extension (E).....	D50	720
67. ———, Stenographer.....	D	1 080
68. Kathryn Arndt, Stenographer.....	D	1 020
69. Wages.....	H	1 500
Sub-total, Agricultural Economics.....		(23 320)
<i>Agricultural Engineering</i>		
70. R. R. Parks, Extension Specialist, Agricultural Engineering (E).....	D	2 900
71. R. C. Hay, Extension Specialist, Agricultural Engineering (E).....	D	2 300
72. ———, Stenographer.....	D	1 020
Sub-total, Agricultural Engineering.....		(6 220)
<i>Agronomy</i>		
73. J. C. Hackleman, Professor, Crops Extension (E).....	A	4 520
74. C. M. Linsley, Assistant Professor, Soils Extension (E).....	B	3 800
75. E. D. Walker, Extension Specialist, Agronomy (E).....	D	3 000
76. ———, Stenographer.....	D	1 020
Sub-total, Agronomy.....		(12 340)
<i>Animal Husbandry</i>		
77. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E).....	A	4 025
78. B. W. Fairbanks, Associate Professor (E) and Associate Chief (S), Pasture Improvement.....	A25	900
(See Bankhead-Jones Research Fund.....)	A50	1 800)
(See Animal Husbandry.....)	A25	900)
(Total salary.....)		3 600)
79. H. G. Russell, Extension Specialist, Animal Husbandry (E).....	D	2 700
80. ———, Stenographer.....	D	1 080
<i>Animal Husbandry: Animal Pathology</i>		
81. Robert Graham, Professor (C & E) and Chief (S), Animal Pathology and Hygiene.....	A26	1 325
(See Animal Husbandry.....)	A74	3 815)
(Total salary.....)		5 140)
82. C. A. Brandy, Associate Professor (E) and Associate Chief (S), Animal Pathology and Hygiene.....	A14	600
(From State Department of Agriculture.....)	A86	3 600)
(Total salary.....)		4 200)
83. Jesse Sampson, Associate, Animal Pathology and Hygiene (S & E).....	D19	600
(See Animal Husbandry.....)	D81	2 600)
(Total salary.....)		3 200)
<i>Animal Husbandry: Poultry Husbandry</i>		
84. H. H. Alp, Assistant Professor, Poultry Extension (E).....	B	3 500
Sub-total, Animal Husbandry.....		(14 730)
<i>Dairy Husbandry</i>		
85. C. S. Rhode, Professor, Dairy Husbandry Extension (E)....	A	4 160
86. B. F. Whitmore, Extension Specialist, Dairy Husbandry (E).....	D	2 600

		Salary
87. J. G. Cash, Assistant, Dairy Husbandry Extension (E).....	D	2 300
88. Mrs. Mary C. Hanson, Stenographer.....	D	1 080
Sub-total, Dairy Husbandry.....		(10 140)
<i>Horticulture</i>		
89. V. W. Kelley, Associate Professor, Horticulture Extension (E) A		3 300
90. L. A. Somers, Associate, Vegetable Gardening Extension (E) D		2 400
91. J. B. Corns, Extension Specialist, Olericulture (E).....	D	2 400
92. _____, Extension Specialist, Landscape Gardening (E).....	D	2 000
93. G. Estelle Collier, Stenographer.....	D	1 080
Sub-total, Horticulture.....		(11 180)
<i>Home Economics: Home Advisers and Supervisors</i>		
94. J. Lita Bane, Professor and Head of Department (C) and Vice-Director of Extension Work in Home Economics (E).....	A16	825
(See Home Economics.....)	A84	4 425)
(Total salary.....)		5 250)
95. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension (E) and Assistant Professor (C).....	D91	3 400
(See Home Economics.....)	D09	350)
(Total salary.....)		3 750)
96. Mary L. Chase, Assistant State Leader and Associate, Home Economics Extension (E) (On leave from September 1, 1938, to January 31, 1939, with pay).....	D	3 300
97. Anna Searl, Assistant State Leader, Home Economics Extension (E).....	D	2 800
98. Lulu S. Black, Assistant State Leader, Home Economics Extension (E).....	D	2 640
99. Mrs. Helen T. Butner, Home Adviser at Large (E).....	D	2 300
100. Mary Stansifer, Home Adviser at Large (E).....	D	2 100
101. Mrs. Neva B. Klockner, Stenographer and Clerk.....	D	1 600
102. Mrs. Stephanie P. Chase, Stenographer and Clerk.....	D	1 080
103. Mrs. Ruth H. Clements, Stenographer.....	D	1 050
104. Mrs. Alberta K. Eleman, Stenographer.....	D	960
105. Mabel I. O'Neill, Stenographer.....	D	900
106. Helen Johnson, Stenographer and Clerk.....	D	900
107. County Home Advisers:		
26 at \$1196.55 a year, Smith-Lever and Bankhead-Jones Funds combined.....		31 110
(32 at \$1196.55 a year, Capper-Ketcham.....)		38 290)
(From State Department of Agriculture ¹)		35 000)
(58 at \$1800 a year, Federal and State ²)	D	104 400)
108. Wages.....	H	500
Sub-total, Home Advisers.....		(55 465)
<i>Home Economics: Child Development and Parent Education</i>		
109. Edna E. Walls, Assistant Professor, Child Development and Parent Education (C & E) (On leave on one-half pay for 1938-39).....	D82	2 603
(See Home Economics.....)	D18	557)
(Total salary.....)		3 160)
<i>Home Economics: Clothing</i>		
110. Edna R. Gray, Associate, Clothing Extension (E).....	D	2 810
111. Fern Carl, Extension Specialist, Clothing (E).....	D	2 400
Sub-total, Clothing.....		(5 210)

¹The State appropriation for the fiscal year July 1, 1938, to June 30, 1939, will be paid by the State Department of Agriculture on the salary of the county home advisers following monthly certification for salary signed by the Director of Extension Service.

²The county home advisers also receive additional salary from local Home Bureaus.

<i>Home Economics: Foods and Nutrition</i>		<i>Salary</i>
112. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E).....	D	2 900
113. Glenna A. Henderson, Extension Specialist, Foods (E).....	D	2 200
<i>Sub-total, Foods and Nutrition</i>		(5 100)
<i>Home Economics: Health Education</i>		
114. Fannie M. Brooks, Assistant Professor, Health Education (C & E).....	D93	2 968
(See Home Economics.....)	D07	232)
(Total salary.....)		3 200)
115. Freda A. Peterson, Extension Specialist, Health, Child Development, and Parent Education (E).....	D	2 400
<i>Sub-total, Health Education</i>		(5 368)
<i>Home Economics: Home Furnishings</i>		
116. Dorothy J. Iwig, Associate, Home Furnishings Extension (E) D		2 300
<i>Home Economics: Home Management</i>		
117. Gladys J. Ward, Associate, Home Management Extension (E) D		2 800
118. Mrs. Ruth C. Freeman, Associate, Home Accounts (S & E) D64		1 545
(See Purnell Fund.....)	D36	855)
(Total salary.....)		2 400)
119. Mildred E. Anderson, Assistant, Home Accounts (E).....	D50	720
<i>Sub-total, Home Management</i>		(5 065)
<i>Home Economics: Rural Youth</i>		
120. Cleo Fitzsimmons, Specialist, Rural Youth Extension (E)....	D	2 600
<i>Home Economics: Junior Club Work (Girls' 4-H Club Work)</i>		
121. Mary A. McKee, Extension Specialist, Junior Club Work (E) D		2 800
122. Florence A. Kimmelschue, Extension Specialist, Junior Club Work (E).....	D	2 200
123. Mildred M. Read, Assistant, Junior Club Work (E).....	D	1 600
124. Erma Cottingham, District 4-H Club Adviser (E).....	D	2 460
125. Mrs. Elsie R. Butler, District 4-H Club Adviser (E).....	D	2 200
<i>Sub-total, Junior Club Work, Girls</i>		(11 260)
<i>Sub-total, Home Economics</i>		(94 971)
<i>Total, Salaries</i>		(400 003)
126. Wages.....	H	4 000
<i>Total, Smith-Lever Fund</i>		\$404 003

Capper-Ketcham Fund
(Federal Extension)

1. County Home Advisers:		
32 at \$1196.55 a year, Capper-Ketcham Fund.....		\$ 38 290
(26 at \$1196.55 a year, Smith-Lever and Bankhead-Jones Funds combined.....)		31 110)
(From State Department of Agriculture ¹)		35 000)
(58 at \$1800 a year, Federal and State ²)	D	104 400)
<i>Total, Capper-Ketcham Fund</i>		\$ 38 290

LIBRARY SCHOOL

1. P. L. Windsor, Director of the University Library and the Library School.....	B	.....
Professor of Library Science.....	A	.....
(Salary under Library)		
2. Amelia Krieg, Assistant Director of the Library School.....	D	.....
Assistant Professor of Library Science.....	B	\$ 3 650

¹See footnote 1 on page 748.

²See footnote 2 on page 748.

		<i>Salary</i>
3. Frances Simpson, Associate Professor of Library Economy and Assistant Director, <i>Emerita</i>		I 870
4. Ethel Bond, Associate Professor of Library Science.....	A	3 200
5. Anne M. Boyd, Associate Professor of Library Science.....	A	3 200
6. Marie M. Hostetter, Assistant Professor of Library Science (On leave without pay for 1938-39).....	D	2 800
7. Rose B. Phelps, Associate in Library Science.....	D	2 600
8. Mildred E. Singleton, Associate in Library Science.....	D	2 200
9. E. W. McDiarmid, Jr., Associate in Library Science.....	D	3 100
10. _____, Instructor in Library Science.....	E	2 400
11. Willia K. Garver, Lecturer and Order Librarian in the Library (Salary under Library).....	D	.....
12. A. H. Trotier, Lecturer and Catalog Librarian in the Library (Salary under Library).....	D	.....
13. Alice S. Johnson, Lecturer and Reference Librarian in the Library (Salary under Library).....	D	.....
14. Fanny Dunlap, Lecturer and Reference Librarian in the Library (Salary under Library).....	D	.....
15. Emma R. Jutton, Lecturer and Loan Librarian in the Library (Salary under Library).....	D	.....
16. Josie B. Houchens, Lecturer and Binding Librarian in the Library (Salary under Library).....	D	.....
17. Ruth R. Graham, Assistant in Library Science.....	E 75	I 050
18. Christine L. Reb, Assistant in Library Science.....	E 50	700
19. Lois L. Riffle, Assistant in Library Science.....	E 50	700
20. Mrs. Mildred W. Easton, Assistant in Library Science.....	E 50	700
21. E. Evalyn Reich, Assistant in Library Science.....	E 50	700
(See Departmental Library, Education.....)	D 50	700)
(Total salary.....)		I 400)
22. Ruth Crossman, Assistant in Library Science.....	E 75	I 050
23. Helen D. Small, Stenographer (C. S.).....	D	I 260
<i>Sub-total, Salaries</i>		(3I 180)
24. Wages.....	H	790
<i>Total, Library School</i>		\$ 3I 970

COLLEGE OF LAW

1. A. J. Harno, Dean.....	B)	60	\$ 5 400
Professor.....	A)		
(See Provost's Office.....)	D 40		3 600)
(Total salary.....)			9 000)
2. Sveinbjorn Johnson, Professor.....	A		.....
University Counsel.....	D		.....
(Salary under University Counsel)			
3. Frederick Green, Professor, <i>Emeritus</i>			3 000
(On active service for 1938-39, charged to position 11 balance due to leave.....)	D		4 000)
(Total salary.....)			7 000)
4. O. L. McCaskill, Professor.....	A		7 300
5. W. E. Britton, Professor.....	A		7 200
6. M. I. Schnebly, Professor.....	A		7 200
7. W. L. Summers, Professor.....	A		6 500
8. G. W. Goble, Professor (On leave with full pay for second semester of 1938-39).....	A		6 500
9. G. B. Weisiger, Professor.....	A		5 400
10. H. W. Holt, Professor.....	A		5 200
11. A. J. Casner, Associate Professor (On leave without pay for 1938-39).....	A		5 200

		<i>Salary</i>
12. V. E. Ferrall, Assistant Professor.....	B	4 050
13. Marian H. Martin, Secretary to the Dean (Exempt).....	D	1 900
14. Dorothy Duncan, Typist (C. S.).....	D50	660
<i>Sub-total, Salaries.....</i>		<i>(65 510)</i>
15. Wages.....	H	450
<i>Total, College of Law.....</i>		<i>\$ 65 960</i>

COLLEGE OF FINE AND APPLIED ARTS Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$12 915	\$4 200	\$17 115
Bureau of Community Planning.....	4 935	1 000	5 935
Architecture.....	58 640	1 500	60 140
Art.....	43 983	1 440	45 423
Landscape Architecture.....	19 280	990	20 270
School of Music.....	67 311	3 737	71 048
<i>Sub-total.....</i>	<i>(207 064)</i>	<i>(12 867)</i>	<i>(219 931)</i>
Revolving Account:			
University Chorus.....	50 ¹	150	200
<i>Total.....</i>	<i>\$207 114</i>	<i>\$13 017</i>	<i>\$220 131</i>

Expendable Endowment Income Fund

Art:

Lorado Taft Lectureship.....	\$1 000 ²	\$350	\$1 350
<i>Total.....</i>	<i>\$1 000</i>	<i>\$350</i>	<i>\$1 350</i>

Administration

		<i>Salary</i>
1. Rexford Newcomb, Dean.....	B	\$ 8 250
Professor of the History of Architecture.....	A	.....
Director of Bureau of Community Planning.....	D	.....
2. C. E. Palmer, Assistant Dean.....	D50	2 415
(See Department of Architecture.....)	A50	2 585)
(Total salary.....)		5 000)
3. Alice T. Wall, Assistant to the Dean of the College and Director of the Bureau (Exempt).....	D	2 000
<i>Sub-total, Salaries.....</i>		<i>(12 665)</i>
4. Wages.....	H	250
<i>Total, Administration.....</i>		<i>\$ 12 915</i>

Bureau of Community Planning

1. Rexford Newcomb, Director.....	D	.....
(Salary under Administration)		
2. D. H. Morgan, Community Consultant.....	B	\$ 3 000
3. R. E. Hieronymus, Community Adviser, <i>Emeritus</i>		1 935
<i>Total, Bureau of Community Planning.....</i>		<i>\$ 4 935</i>

Architecture

1. L. H. Provine, Professor of Architectural Engineering and Head of the Department of Architecture.....	A	\$ 6 350
2. Rexford Newcomb, Professor of the History of Architecture A	A	.....
(Salary under Administration)		
3. A. F. Deam, Professor (On leave with full pay for second semester of 1938-39).....	A	6 500
4. C. E. Palmer, Professor of Architectural Engineering.....	A50	2 585
(See Administration.....)	D50	2 415)
(Total salary.....)		5 000)

¹Wages.²Estimated.

		<i>Salary</i>
5. N. D. Morgan, Professor of Architectural Engineering.....	A	
6. T. E. O'Donnell, Associate Professor.....	A	4 100
7. F. M. Lescher, Associate Professor.....	A	3 600
8. J. G. VanDerpool, Associate Professor of the History of Architecture.....	A	3 500
9. O. S. Fjelde, Assistant Professor.....	B	3 200
10. E. I. Love, Assistant Professor.....	B	3 100
11. W. H. Scheick, Assistant Professor.....	B	3 000
12. G. S. Keith, Associate.....	B	3 000
13. J. E. Sweet, Associate.....	B	2 800
14. J. E. Branch, Instructor.....	E	2 300
15. E. F. Toth, Instructor.....	E	2 200
16. M. R. Dobberman, Instructor.....	E	2 000
17. D. B. Lindsay, Instructor.....	E	2 000
18. J. W. Davis, Instructor.....	E	1 800
19. Nathan Wilkinson, Assistant.....	E	1 800
20. J. J. Fiscus, Assistant and Storekeeper (C. S.).....	D	1 600
21. Mrs. Mildred C. Barber, Clerk and Stenographer (C. S.)....	D	1 630
21. <i>Sub-total, Salaries</i>		1 500
22. <i>Wages</i>	H	(58 565)
<i>Total, Architecture</i>		75
		\$ 58 640

Art

1. E. J. Lake, Professor, <i>Emeritus</i>		\$ 2 015
2. C. E. Bradbury, Associate Professor.....	A	3 850
3. L. F. Bailey, Associate Professor.....	A	3 600
4. C. V. Donovan, Associate Professor.....	A	3 250
5. E. E. Nearpass, Assistant Professor.....	B	2 900
6. Alfred Nicholson, Assistant Professor.....	B	3 163
7. A. Marie Anderson, Associate.....	B	2 540
8. J. W. Kennedy, Associate.....	B	2 600
9. Louise M. Woodroffe, Associate.....	B	2 400
10. J. D. Hogan, Associate.....	B	2 540
11. R. C. Smith, Associate.....	D	1 800
12. H. B. Roysher, Instructor.....	E	2 200
13. J. W. Raushenberger, Instructor.....	E	1 900
14. C. A. Dietemann, Instructor.....	E	1 900
15. _____, Instructor.....	E	2 000
16. Carol E. Black, Assistant.....	E	1 500
16. <i>Sub-total, Salaries</i>		(40 158)
17. <i>Wages</i>	H	3 825
<i>Total, Art</i>		\$ 43 983

Landscape Architecture

1. O. G. Schaffer, Professor and Head of Department.....	A	\$ 4 600
2. K. B. Lohmann, Professor.....	A	4 250
3. S. H. White, Professor.....	A	4 100
4. Harland Bartholomew, Non-resident Professor of Civic Design	B 20	1 000
5. I. L. Peterson, Assistant Professor.....	D70	1 900
6. Florence B. Robinson, Assistant Professor.....	B	2 800
7. Mildred H. Bowers, Clerk (C. S.).....	D14	200
(See Library.....)	D86	1 300
(Total salary.....)		1 500
7. <i>Sub-total, Salaries</i>		(18 850)
8. <i>Wages</i>	H	430
<i>Total, Landscape Architecture</i>		\$ 19 280

School of Music

1. F. B. Stiven, Director.....	B	
Professor.....	A	\$ 6 350

		<i>Salary</i>
2. A. A. Harding, Professor.....	A33	2 100
(See Military Bands.....)	A67	4 250)
(Total salary.....)		6 350)
3. G. F. Schwartz, Professor, <i>Emeritus</i>		1 842
4. H. J. van den Berg, Professor, <i>Emeritus</i>		1 834
5. R. H. Miles, Associate Professor (On leave with full pay for second semester of 1938-39).....	A	3 300
6. Sherman Schoonmaker, Associate Professor.....	A	3 100
7. W. G. Hill, Associate Professor.....	D	3 150
8. W. L. Roosa, Assistant Professor.....	B	2 900
9. Arthur Beresford, Assistant Professor, <i>Emeritus</i>		1 095
10. Jane C. Watt, Assistant Professor.....	B	2 900
11. Hubert Kessler, Assistant Professor.....	B	2 625
12. LeRoy Hamp, Assistant Professor.....	B	3 100
13. Dorothy E. Bowen, Associate.....	B	2 500
14. Edith M. Usry, Associate.....	B	2 400
15. M. H. Hindsley, Associate.....	D50	1 400
(See Military Bands.....)	D50	1 770)
(Total salary.....)		3 170)
16. _____, Associate.....	D25	610
(See College of Education.....)	D75	1 830)
(Total salary.....)		2 440)
17. B. R. Foote, Associate.....	D	2 500
18. Stanley Fletcher, Associate.....	D	2 500
19. Duane Branigan, Associate.....	D	2 400
20. Velma I. Kitchell, Instructor.....	E50	1 050
(See College of Education.....)	E50	1 050)
(Total salary.....)		2 100)
21. Kathryn J. Sutherlin, Instructor.....	E	2 100
22. L. F. Demming, Instructor.....	E	2 100
23. Stella R. Percival, Instructor.....	E80	1 600
24. A. E. Cohen, Instructor.....	E65	1 235
(See Radio Station.....)	E35	665)
(Total salary.....)		1 900)
25. Mrs. Margaret C. Sullivan, Instructor.....	E	1 900
26. J. G. Metcalf, Instructor.....	E	1 800
27. Nellie M. Stuart, Assistant.....	E	1 500
28. B. C. McGarrity, Assistant.....	E50	800
29. _____, Assistant, Band and Orchestra.....	E50	600
30. Eleven Student Assistantships in University Orchestra at \$35 a semester.....		770
31. Lillian Marr, Stenographer and Clerk (C. S.).....	D	1 250
<i>Sub-total, Salaries</i>		(65 311)
32. Wages.....	H	2 000
<i>Total, Music</i>		\$ 67 311

GRADUATE SCHOOL

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$14 720	\$1 680	\$16 400
Scholarships and Fellowships.....	35 600	.....	35 600
Publications ¹ :			
University Studies.....	.....	9 000	9 000
Journal of English and Germanic Philology.....	.....	3 000	3 000
General Publications.....	.....	1 000	1 000
Research:			
General.....	20 000 ²	14 500	34 500
Illinois Historical Survey.....	2 500 ²	500	3 000
<i>Total</i>	\$72 820	\$29 680	\$102 500

¹Subject to transfer within the total.²Estimate.

Administration

		<i>Salary</i>
1. R. D. Carmichael, Dean.....	B	\$ 8 750
Professor of Mathematics.....	A	.....
2. H. M. Gray, Assistant Dean.....	D25	1 250
(See Economics.....)	A75	2 850)
(Total salary.....)		4 100)
3. Lida E. Voight, Secretary to the Dean (Exempt).....	D	2 400
4. Fannie M. Watkins, Stenographer (C. S.).....	D	1 200
5. _____, Stenographer (C. S.).....	D	1 020
<i>Sub-total, Salaries.....</i>		(14 620)
6. Wages.....	H	100
<i>Total, Administration.....</i>		<u>\$ 14 720</u>

SCHOOL OF PHYSICAL EDUCATION
Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 9 760	\$ 800	\$10 560
Physical Education:			
Men.....	52 790	11 370	64 160
Women.....	27 950	5 090	33 040
Health Service.....	55 900	3 600	59 500
<i>Total.....</i>	<u>\$146 400</u>	<u>\$20 860</u>	<u>\$167 260</u>

Expendable Endowment Income Fund

Women Students Physical Welfare Fund.....	\$350	\$350
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Administration

		<i>Salary</i>
1. S. C. Staley, Director.....	B	\$ 6 000
Professor of Physical Education for Men and Head of the Department.....	A
2. W. W. Brown, Assistant to Director.....	D25	600
(See Physical Education for Men.....)	D75	2 000)
(Total salary.....)		2 600)
3. Martha Etzbach, Secretary (C. S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(8 100)
4. Wages.....	H	1 660
<i>Total, Administration.....</i>		<u>\$ 9 760</u>

Physical Education for Men

1. S. C. Staley, Professor and Head of Department.....	A	.....
(Salary under Administration)		
2. R. C. Zuppke, Professor.....	A	\$ 1 600
(From Athletic Association.....)		8 400)
(Total salary.....)		10 000)
3. W. S. Wilson, Associate Professor.....	A	1 500
Director of Intercollegiate Athletics.....	B	.....
(From Athletic Association.....)		4 500)
(Total salary.....)		6 000)
4. G. T. Stafford, Associate Professor.....	A	4 250
5. C. O. Jackson, Assistant Professor.....	D50	1 500
(See College of Education.....)	D50	1 500)
(Total salary.....)		3 000)
6. H. D. Price, Assistant Professor.....	D	1 700
(From Athletic Association.....)		1 500)
(Total salary.....)		3 200)
7. H. E. Kenney, Assistant Professor.....	D	1 750
(From Athletic Association.....)		1 550)
(Total salary.....)		3 300)

			<i>Salary</i>
8.	W. H. Roettger, Associate	D	1 700
	(From Athletic Association)		2 800)
	(Total salary)		4 500)
9.	D. R. Mills, Associate	D	1 700
	(From Athletic Association)		3 800)
	(Total salary)		5 500)
10.	E. J. Manley, Associate	D	2 200
	(From Athletic Association)		600)
	(Total salary)		2 800)
11.	W. W. Brown, Associate	D75	2 000
	(See Administration)	D25	600)
	(Total salary)		2 600)
12.	L. T. Johnson, Associate	D	1 250
	(From Athletic Association)		2 500)
	(Total salary)		3 750)
13.	H. L. Gill, Associate, <i>Emeritus</i> (Recalled for part-time service in 1938-39)	D	.....
	(Retiring allowance)		1 000)
	(Part-time service)		1 000)
	(Total amount from Athletic Association)		2 000)
14.	A. S. Daniels, Assistant Professor	D	3 000
	(From Athletic Association)		300)
	(Total salary)		3 300)
15.	H. W. Craig, Associate	D	2 200
16.	Raymond Eliot, Associate	D	1 000
	(From Athletic Association)		2 300)
	(Total salary)		3 300)
17.	H. C. Paterson, Instructor	E	1 600
	(From Athletic Association)		1 000)
	(Total salary)		2 600)
18.	G. C. Law, Instructor	E	1 700
	(From Athletic Association)		400)
	(Total salary)		2 100)
19.	W. J. Treece, Instructor	E	2 100
20.	A. M. Jennings, Instructor	E	1 300
	(From Athletic Association)		400)
	(Total salary)		1 700)
21.	A. E. Florio, Instructor	E	1 800
22.	D. M. Bullock, Assistant	E	770
	(From Athletic Association)		1 880)
	(Total salary)		2 650)
23.	_____, Instructor	E	2 000
24.	J. J. Watt, Assistant	E	800
	(From Athletic Association)		800)
	(Total salary)		1 600)
25.	H. J. Braun, Assistant	E	1 300
	(From Athletic Association)		500)
	(Total salary)		1 800)
26.	R. O. Duncan, Assistant	E	1 700
	(From Athletic Association)		300)
	(Total salary)		2 000)
27.	W. G. Wittmann, Assistant	E50	700
28.	F. W. Kasch, Assistant (Chicago Departments)	E50	700
29.	_____, Assistant	E50	700
30.	_____, Assistant	E	700
	(From Athletic Association)		800)
	(Total salary)		1 500)
31.	_____, Assistant	E50	350
	(From Athletic Association)		350)
	(Total salary)		700)

		<i>Salary</i>
32. _____, Assistant.....	E50	700
33. _____, Assistant.....	E50	700
34. Clara Brown, Stenographer (C. S.).....	D	1 500
<i>Sub-total, Salaries: Physical Education for Men.....</i>		(48 470)
<i>Sub-total, Salaries: Athletic Association.....</i>		(39 330)
35. Wages.....	H	4 320
<i>Total, Physical Education for Men.....</i>		\$ 52 790
<i>Total, Athletic Association.....</i>		\$ 39 330

Physical Education for Women

1. Louise Freer, Professor and Head of Department.....	A	\$ 4 250
2. Mary F. Lawson, Assistant Professor.....	D	3 000
3. Carita Robertson, Assistant Professor.....	D	3 000
4. Laura J. Huelster, Assistant Professor.....	D	2 500
5. Mrs. Ione Johnson Cope, Associate.....	D	2 450
6. _____, Instructor.....	E	1 800
7. Enid Schnauber, Instructor.....	E	1 900
8. Martha H. Bugbee, Instructor.....	E	1 700
9. Jane Lawyer, Assistant.....	E	1 600
10. _____, Assistant.....	E	1 400
11. Zita H. Spradling, Assistant.....	E50	700
12. Florence L. Fair, Stenographer (C. S.).....	D	1 200
<i>Sub-total, Salaries.....</i>		(25 500)
13. Wages.....	H	2 450
<i>Total, Physical Education for Women.....</i>		\$ 27 950

Health Service

1. J. H. Beard, Professor of Hygiene, Head of Department....	A	\$ 6 000
University Health Officer.....	D	.....
2. G. R. Blackstone, Assistant Health Officer, Associate in Hygiene, Medical Adviser for Men.....	D	3 500
3. Maude L. Etheredge, Professor of Hygiene.....	A	.....
Medical Adviser for Women.....	D	4 000
4. H. C. Gebhart, Assistant Professor of Hygiene, Medical Adviser for Men.....	D	3 500
5. L. N. Judah, Associate in Hygiene, Medical Adviser for Men	D	3 300
6. L. D. Lewis, Associate in Hygiene, Medical Adviser for Men	D	3 200
7. May I. Millbrook, Associate in Hygiene, Medical Adviser for Women.....	D	2 700
8. E. A. Thacker, Associate in Hygiene, Medical Adviser for Men	D	3 700
9. Helen M. Lynch, Associate in Hygiene, Medical Adviser for Women.....	D	2 700
10. Lucy G. Coon, Instructor in Hygiene, Medical Adviser for Women.....	D	2 500
11. Marjorie M. Smarzo, Instructor in Hygiene, Medical Adviser for Women.....	D	2 500
12. _____, Instructor in Hygiene, Medical Adviser for Men.....	D	3 000
13. R. B. Montgomery, Instructor in Hygiene, Medical Adviser for Men.....	D	3 000
14. M. P. Mains, Instructor in Hygiene, Medical Adviser for Men	D	3 000
<i>Sub-total, Salaries.....</i>		(46 600)
15. Wages.....	H	9 300
<i>Total, Health Service.....</i>		\$ 55 900

MILITARY DEPARTMENT Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Military.....	\$11 790	\$4 955	\$16 745
Revolving Funds.....		800 ¹	800 ¹
<i>Total</i>	\$11 790	\$5 755	\$17 545

Administration

		<i>Salary</i>
1. F. R. Brown, Professor, Military Science and Tactics.....	D	\$ 900 ²
2. _____, Supply Officer.....	D	600 ²
3. Adam Pinsenshaum, Property Clerk.....	D	1 200 ²
4. F. W. Kistenmacher, Inventory Clerk.....	D	600 ²
5. E. A. Moore, Storekeeper.....	D	360 ²
6. _____, Storekeeper (C. S.).....	D	1 200
7. _____, Mechanic (C. S.).....	D	1 500
8. Mrs. Jennie L. McWilliams, Secretary (C. S.).....	D	1 500
9. Mrs. Frances L. Brockway, Stenographer (C. S.).....	D	1 200
10. Marie Doyle, Stenographer (C. S.).....	D	1 200
11. Helen Byland, Stenographer (C. S.).....	D	1 110
<i>Sub-total, Salaries</i>		(11 370)
12. Wages.....	H	420
<i>Total, Military</i>		\$ 11 790

MILITARY BANDS Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Military Bands.....	\$12 720	\$1 750	\$14 470
Revolving Funds.....		3 200	3 200 ¹
<i>Total</i>	\$12 720	\$4 950	\$17 670

Administration

		<i>Salary</i>
1. A. A. Harding, Director.....	A 67	\$ 4 250
(See School of Music.....)	A 33	2 100)
(Total salary.....)		6 350)
2. M. H. Hindsley, Assistant Director.....	D 50	1 770
(See School of Music.....)	D 50	1 400)
(Total salary.....)		3 170)
3. C. E. Sawhill, Assistant.....	E 15	300
4. Mrs. Velma I. Roberts, Secretary (C. S.).....	D	1 600
5. Student assistantships for bandsmen and services of other essential bandsmen during Commencement week.....	F	4 000
<i>Sub-total, Salaries</i>		(11 920)
6. Wages.....	H	800
<i>Total, Military Bands</i>		\$ 12 720

SUMMER SESSION

1. E. H. Cameron, Director.....	B 10	\$ 750
(See Education.....)	A 90	6 400)
(Total salary.....)		7 150)
2. Lillian Hart, Executive Clerk (Exempt).....	D 20	480
(See Education.....)	D 80	1 920)
(Total salary.....)		2 400)

¹Estimated.

²Receive additional salary as members of the United States Army.

³On United States Army retired list.

3. Frances Patton, Stenographer (C. S.).....	D40	<i>Salary</i> 500
(See Education.....)	D60	820)
(Total salary.....)		1 320)
4. Academic Salaries and High School Salaries (subject to approval of detailed list).....		106 270
<i>Sub-total, Salaries</i>		(108 000)
5. Wages.....	H	1 000
<i>Total, Summer Session</i>		\$109 000

COLLEGE OF MEDICINE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$17 420	\$2 848	\$20 268
Contingent.....	.....	2 988	2 988
Equipment (all departments).....	.....	5 000	5 000
Health Service.....	1 969	263	2 232
Anaesthesia.....	6 050	1 800	7 850
Animal Hospital.....	6 140	.....	6 140
Anatomy.....	36 363	6 914	43 277
Dermatology.....	9 114	1 806	10 920
Dispensary:			
General.....	39 715	4 565	44 280
Orthopaedic.....	3 700	1 052	4 752
<i>Total</i>	(43 415)	(5 617)	(49 032)
Hospital Laboratory.....	19 420	4 500	23 920
Laryngology, Rhinology, and Otology.....	6 350	2 200	8 550
Medicine.....	33 449	6 425	39 874
Neurology and Neurological Surgery.....	14 920	1 821	16 741
Obstetrics and Gynecology.....	20 326	4 850	25 176
Ophthalmology.....	5 850	1 145	6 995
Orthopaedics.....	24 890	4 778	29 668
Pathology, Bacteriology, and Public Health:			
Pathology Division.....	27 130	7 236	34 366
Bacteriology and Public Health Division.....	18 390	6 975	25 365
<i>Total</i>	(45 520)	(14 211)	(59 731)
Pediatrics.....	12 135	3 013	15 148
Pharmacology, Materia Medica, and Therapeutics.....	19 940	4 488	24 428
Physiological Chemistry.....	23 444	5 126	28 570
Physiology.....	31 090	5 808	36 898
Psychiatry.....	18 040	2 112	20 152
Roentgenology.....	16 700	7 115	23 815
Surgery.....	30 432	10 150	40 582
Medical and Dental Illustration.....	(10 700)	(988)	(11 688) ¹
<i>Total</i>	\$442 977	\$104 978	\$547 955

¹Entire amount chargeable to other accounts in Medicine and Dentistry.

Expendable Gift and Endowment Income Funds¹

<i>Instruction Funds</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Obstetrics and Gynecology:			
Charles Sumner Bacon lectureship.....	\$300	.....	\$300 ²
Pathology, Bacteriology, and Public Health:			
Adolph Gehrman lectureship.....	400	\$50	450 ²
<i>Total, Instruction Funds</i>	(700)	(50)	(750)
<i>Special Research Funds</i>			
Administration:			
William Beaumont award.....	100	.....	100 ²
Medicine:			
Air conditioning.....	900	.....	900
Cardiac research.....	240	.....	240
Bacteriology and Public Health:			
Milk hygiene.....	1 000	1 000	2 000
Skin hygiene.....	250	.....	250
Antiseptic properties of the skin.....	150	.....	150
Obstetrics and Gynecology:			
Cancer research.....	350	.....	350
Pharmacology, Materia Medica and Therapeutics:			
All bran research.....	2 000	400	2 400
Phenolphthalein research.....	3 500	500	4 000
Physiological Chemistry:			
Effect of yeast on the digestive tract.....	1 500	500	2 000
Physiology:			
Electrotherapy cancer research.....	200	200	400
Psychiatry:			
Experiments in teaching of psychiatry.....	15 000	.....	15 000
Estimated New Projects and Renewals.....	5 710	1 500	7 210
<i>Total, Special Research Funds</i>	(30 900)	(4 100)	(35 000)
<i>Total</i>	\$31 600	\$4 150	\$35 750

Administration

		<i>Salary</i>
1. D. J. Davis, Dean.....	B	\$ 8 250
Professor of Pathology.....	A	.....
Head of Department of Pathology, Bacteriology, and Public Health.....	D	.....
2. G. R. Moon, Assistant to the Dean (C. S.).....	D50	2 200
(See Registrar's Office, Chicago.....)	D50	2 200)
(Total salary.....)		4 400)
3. Marie L. Ramser, Secretary to the Dean (Exempt).....	D	1 800
4. William Henry Browne, Secretary and Business Manager, <i>Emeritus</i>		2 500
5. Mrs. Ethel Engeljohn, Junior Registration Clerk (C. S.)....	D67	1 200
(See Registrar's Office, Chicago.....)	D33	600)
(Total salary.....)		1 800)
6. _____, Supply Attendant (C. S.).....	D	1 440
<i>Sub-total, Salaries</i>		(17 390)
7. Wages.....	H	30
<i>Total, Administration</i>		\$ 17 420

Health Service—Chicago Departments

1. W. W. Dalitsch, Health Officer.....	D33	\$ 1 619
(See Medicine.....)	D12	381)
(Total salary.....)		2 000)
<i>Sub-total, Salaries</i>		(1 619)
2. Wages.....	H	350
<i>Total, Health Service—Chicago Departments</i>		\$ 1 969

¹Estimated.²Endowment income.

Anaesthesia

		<i>Salary</i>
1. Robbie N. Brunner, Associate.....	D	\$ 3 300
2. Mary S. Sim, Assistant Anaesthetist.....	D	1 800
3. _____, Resident.....	D	600 ¹
4. Lucille Watt, Resident (From July 1, 1938, to January 1, 1939).....	F	300 ¹
(From Department of Public Welfare.....)		300)
(Total salary.....)		600)
Sub-total, Salaries.....		(6 000)
5. Wages.....	H	50
Total, Anaesthesia.....		\$ 6 050

Animal Hospital

1. J. H. Bone, Supervisor.....	D	\$ 2 000
2. W. R. Williams, Technician.....	D	1 500
3. _____, Technician.....	D	1 320
4. G. O. Dodd, Laborer (C. S.).....	D	1 320
Total, Animal Hospital.....		\$ 6 140

Anatomy

1. O. F. Kampmeier, Professor and Head of Department.....	A	\$ 6 500
2. A. A. Zimmermann, Associate Professor.....	A	3 900
3. A. R. Cooper, Associate Professor.....	A 75	3 200
4. Gerhardt von Bonin, Associate Professor.....	A	3 800
5. Yngve Joranson, Assistant Professor.....	D 33	1 300
6. R. L. Webb, Assistant Professor.....	D	3 800
7. G. L. Zechel, Assistant Professor.....	D 25	900
8. P. H. Simer, Assistant Professor.....	D	3 500
9. R. H. Krehbiel, Instructor.....	D	2 200
10. M. E. Fisch, Instructor.....	D 50	600
11. E. J. Stein, Instructor (8 months from Oct. 1, 1938).....	F 25	500
12. Adeline R. White, Assistant, <i>Emerita</i>		213
13. L. E. Foster, Student Assistant (8 months from Oct. 1, 1938) (Exemption from tuition and laboratory fees).....	F 25	.....
14. H. R. Hone, Student Assistant (8 months from Oct. 1, 1938) (Exemption from tuition and laboratory fees).....	F 25	.....
15. G. H. Miller, Technician.....	D	1 800
16. Mildred E. Tress, Technician.....	D	1 400
17. Mrs. Mae E. Fork, Technician.....	D 50	780
18. Harriet Deere, Graduate Stenographer (C. S.).....	D	1 500
Sub-total, Salaries.....		(35 893)
19. Wages.....	H	470
Total, Anatomy.....		\$ 36 363

Dermatology

1. F. E. Senear, Professor and Head of Department.....	A 50	\$ 4 500
2. Theodore Cornbleet, Assistant Professor.....	D 75	1 180
3. M. R. Caro, Associate.....	D 25	632
4. Herbert Rattner, Associate.....	D 25	632
5. E. R. Pace, Instructor.....	D 33	480
6. Harold Shellow, Instructor.....	D 16	240
7. Doris E. Jennings, Technician.....	D	1 450
Total, Dermatology.....		\$ 9 114

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Dispensary

<i>General</i>		<i>Salary</i>
1. M. H. Worthington, Managing Officer of Research and Educational Hospital and Superintendent of Dispensary.	D50	\$ 2 500
(Paid by State Department of Public Welfare.)	D50	2 500)
(Total salary.)		5 000) ¹
2. M. C. Benford, Assistant Superintendent of Dispensary.	D	3 600
3. Fae M. Dillman, Junior Clerk (C. S.).	D	1 200
4. Irene M. Chott, Junior Clerk (C. S.).	D	1 200
5. _____, Junior Clerk (C. S.).	D	1 080
6. Winifred A. Russell, Junior Clerk (C. S.).	D	1 170
7. Clara M. Lowe, Superintendent of Dispensary Nurses (C. S.)	D	2 000
8. Frances V. Craig, Assistant Superintendent of Dispensary Nurses (C. S.).	D	1 900
9. Teresa J. Robertson, Registered Nurse (C. S.).	D	1 740
10. Hattie C. Larson, Registered Nurse (C. S.).	D	1 740
11. Jennie D. Robinson, Registered Nurse (C. S.).	D	1 740
12. Marie Sorensen, Registered Nurse (C. S.).	D	1 805
13. Hazel M. Nelson, Registered Nurse (C. S.).	D	1 740
14. Mrs. Thelma Smith, Registered Nurse (C. S.).	D	1 740
15. Thelma C. Carroll, Registered Nurse (C. S.).	D	1 740
16. Honora T. Carrigan, Registered Nurse (C. S.).	D	1 740
17. Elizabeth Boyd, Registered Nurse (C. S.).	D	1 740
18. Shirley Brenner, Junior Clerk (C. S.).	D	1 200
19. B. B. Miller, Laborer (C. S.).	D	1 450
20. Viola A. Munson, Senior Clerk (C. S.).	D	1 200
21. Mrs. Lydia Conrad, Record Clerk (C. S.).	D	1 720
22. Helen F. Stocking, Senior Clerk (C. S.).	D	1 500
23. _____, Registered Nurse (C. S.).	D	1 500
<i>Sub-total, Salaries.</i>		(38 945)
24. Wages.	H	770
<i>Sub-total, General.</i>		(39 715)
<i>Orthopaedic</i>		
25. Alyce Riley, Registered Nurse (C. S.).	D	1 740
26. Victoria V. Jaglowski, Registered Nurse (C. S.).	D	1 740
<i>Sub-total, Salaries.</i>		(3 480)
27. Wages.	H	220
<i>Sub-total, Orthopaedic.</i>		(3 700)
<i>Total, Dispensary.</i>		\$ 43 415

Hospital Laboratory

1. S. A. Levinson, Director.	D75	\$ 3 500
(Also Associate Professor of Pathology and Assistant Professor of Medicine without salary)		
2. R. P. MacFate, Assistant Director.	D90	3 000
(Also Associate in Pathology without salary)		
3. Katheryn E. Buck, Assistant.	D	1 680
4. Mrs. Isabel C. Dorrell, Assistant.	D	1 920
5. Mrs. Beatrice C. Siemon, Assistant.	D	1 680
6. Mary V. Donahue, Assistant.	D	1 440
7. Hazel Blank, Assistant.	D	1 680
8. Barbara S. Munroe, Assistant.	D	1 320
9. K. M. Stobart, Technician.	D	1 320
10. Nora M. Angland, Senior Stenographer (C. S.).	D	1 380
<i>Sub-total, Salaries.</i>		(18 920)
11. Wages.	H	500
<i>Total, Hospital Laboratory.</i>		\$ 19 420

¹Also receives quarters and maintenance from State Department of Public Welfare.

Laryngology, Rhinology, and Otology

			<i>Salary</i>
1.	F. L. Lederer, Professor and Head of Department.....	A 50	\$ 2 500
2.	L. Z. Fishman, Associate.....	D 50	1 200
3.	M. I. Edelman, Resident.....	H	600 ¹
4.	J. A. Weidemann, Technician.....	D	1 450
5.	_____, Technician.....	D 50	600
<i>Total, Laryngology, Rhinology, and Otology.....</i>			<i>\$ 6 350</i>

Medicine

1.	R. W. Keeton, Professor and Head of Department.....	A 50	\$ 4 500
2.	E. S. Moore, Associate Professor, <i>Emeritus</i>		1 762
3.	E. F. Foley, Associate Professor.....	A 50	1 500
4.	Albert VanderKloot, Assistant Professor.....	D 13	300
5.	J. B. Cipriani, Assistant Professor.....	D 13	300
6.	D. W. Propst, Assistant Professor.....	D 13	200
7.	M. H. Streicher, Assistant Professor.....	D 50	1 500
8.	Mrs. Carroll L. Birch, Assistant Professor.....	D	3 250
9.	H. O. Deuss, Assistant Professor.....	D 13	300
10.	W. W. Dalitsch, Assistant Professor.....	D 12	381
	(See Health Service.....)	D 33	1 619)
	(Total salary.....)		2 000)
11.	F. K. Hick, Assistant Professor.....	D 50	1 500
12.	_____, Assistant Professor.....	D 50	1 500
13.	H. C. Lueth, Associate.....	D 50	1 300
14.	Israel Becker, Associate.....	D 50	800
15.	Marion Hood, Associate and Parasitologist.....	D	2 000
16.	W. S. Boikan, Associate.....	D 13	300
17.	M. L. Afremow, Associate.....	E 05	128
18.	L. R. Limarzi, Associate.....	D 50	900
19.	A. B. Kendrick, Associate.....	D	2 000
20.	Frederick Steigmann, Associate.....	D 50	600
21.	E. W. Passarelli, Instructor.....	D 50	800
22.	J. C. McMillan, Instructor.....	D 13	300
23.	M. M. Mosko, Assistant (Payable \$64 at end of each semester)	E 05	128
24.	Gertrude E. Howe, Assistant and Operator of Electrocardio-graph.....	D 50	600
25.	J. T. Paul, Second Year Resident.....	H	800 ¹
26.	R. D. Weber, Second Year Resident.....	H	800 ¹
27.	_____, First Year Resident.....	H	600 ¹
28.	Camilla Jameson, Nurse and Clerk (C. S.).....	D	1 700
29.	Mrs. Genevieve Meyer, Junior Stenographer (C. S.).....	D	1 320
30.	Florence VanBuren, Senior Stenographer (C. S.).....	D	1 080
	<i>Sub-total, Salaries.....</i>		<i>(33 149)</i>
31.	Wages.....	H	300
<i>Total, Medicine.....</i>			<i>\$33 449</i>

Neurology and Neurological Surgery

1.	Eric Oldberg, Professor and Head of Department.....	A 75	\$ 6 400
2.	G. B. Hassin, Professor of Neurology.....	A 50	3 500
3.	I. B. Diamond, Assistant Professor of Neurology.....	D 50	1 180
4.	Milton Tinsley, Assistant and Second Year Resident.....	D	800 ¹
5.	Beatrice Kahn, Technician.....	D	1 720
6.	Mrs. Marie H. Cusic, Junior Stenographer (C. S.).....	D	1 320
<i>Total, Neurology and Neurological Surgery.....</i>			<i>\$ 14 920</i>

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Obstetrics and Gynecology

		<i>Salary</i>
1. F. H. Falls, Professor and Head of Department.....	A75	\$ 6 750
2. William Harcourt Browne, Assistant Professor.....	D50	1 450
3. H. H. Hill, Associate.....	D50	1 500
4. F. J. Roos, Instructor.....	D50	1 000
5. Jane R. McLaughlin, Instructor.....	D25	600
6. G. H. Rezek, Instructor.....	D33	500
7. _____, Third Year Resident.....	H	1 000 ¹
8. H. L. Penning, Second Year Resident.....	H	800 ¹
9. _____, Assistant and Out-Patient Resident.....	H	600 ¹
10. L. J. Rossiter, Technician.....	D50	950
(See Surgery.....)	D50	950)
(Total salary.....)		1 900)
11. M. Edna Burgess, Supervising Nurse (C. S.).....	D	1 740
12. Eva A. Begg, Supervising Nurse (C. S.).....	D	1 740
13. Esther Fiessel, Senior Stenographer (C. S.).....	D	1 440
<i>Sub-total, Salaries</i>		(20 070)
14. Wages.....	H	256
<i>Total, Obstetrics and Gynecology</i>		\$ 20 326

Ophthalmology

1. Hallard Beard, Associate Professor.....	A50	\$ 1 800
2. H. J. Smith, Assistant Professor.....	D25	600
3. Carl Apple, Associate.....	D25	360
4. J. W. Clark, Associate.....	D25	360
5. E. J. Horick, Associate.....	D25	360
6. R. O. Riser, Instructor.....	D25	360
7. Roosevelt Brooks, Instructor.....	D25	360
8. _____, Instructor.....	D25	360
9. _____, Resident.....	H	600 ¹
10. _____, Technician.....	D50	600
<i>Sub-total, Salaries</i>		(5 760)
11. Wages.....	H	90
<i>Total, Ophthalmology</i>		\$ 5 850

Orthopaedics

1. H. B. Thomas, Professor, Head of Department, and Director of Illinois Surgical Institute for Children.....	A50	\$ 4 500
2. F. W. Hark, Assistant Professor.....	D50	2 260
3. C. N. Lambert, Associate.....	D50	1 680
4. J. O. McCabe, Assistant and Third Year Resident.....	H	1 000 ¹
5. P. H. Dubé, Assistant and Second Year Resident.....	H	800 ¹
6. _____, Assistant and First Year Resident.....	H	600 ¹
7. Louis Pelzmann, Physiotherapist in Charge.....	D50	1 500
8. Marion G. Taft, Physiotherapist.....	D	1 800
9. _____, Physiotherapist.....	D	1 380
10. Mrs. Ruth H. Sumrill, Junior Physiotherapist.....	D	1 320
11. Evelyn Smith, Physiotherapist Attendant (C. S.).....	D	960
12. Viola M. Young, Technician.....	D	1 020
13. Catherine C. Buhrmester, Technician.....	D	1 260
14. Helen M. Noyes, Assistant.....	D	1 680
15. Alice Bartlett, Laboratory Helper (C. S.).....	D	1 020
16. Ida H. Stephan, Senior Stenographer (C. S.).....	D	1 440
<i>Sub-total, Salaries</i>		(24 220)
17. Wages.....	H	670
<i>Total, Orthopaedics</i>		\$ 24 890

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Pathology, Bacteriology, and Public Health

		<i>Salary</i>
1. D. J. Davis, Head of Department.....	D	.....
Professor of Pathology	A	.....
(Salary under Administration)		
<i>Division of Pathology</i>		
2. W. F. Petersen, Professor.....	A	\$ 6 750
3. Isadore Pilot, Associate Professor.....	A50	1 720
4. A. J. Nedzel, Associate Professor.....	A50	1 600
(See Bacteriology, Public Health.....)	A50	1 600)
(Total salary.....)		3 200)
5. George Milles, Assistant Professor.....	D50	1 500
6. J. S. Howe, Associate.....	D	2 200
7. _____, Associate.....	D	1 800
8. Mrs. Frances C. Whitcomb, Assistant.....	D	1 800
9. Nils Siegbahn, Technician.....	D	1 440
10. J. R. Thompson, Technician.....	D	1 500
11. Harold Wagner, Technician.....	D	1 260
12. Ben Goldfeller, Technician.....	D	1 260
13. _____, Resident.....	H	600 ¹
14. Mildred Rosenberg, Senior Stenographer (C. S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(24 930)
15. Wages.....	H	2 200
<i>Sub-total, Pathology Division.....</i>		(27 130)
<i>Division of Bacteriology and Public Health</i>		
16. Lloyd Arnold, Professor.....	A80	5 140
(Paid by State Department of Public Health.....)	D20	1 600)
(Total salary.....)		6 740)
17. _____, Assistant Professor.....	D	3 000
18. A. J. Nedzel, Associate Professor.....	A50	1 600
(See Pathology.....)	A50	1 600)
(Total salary.....)		3 200)
19. H. C. Mason, Instructor.....	D	1 800
20. S. G. Moore, Technician.....	D	1 660
21. Mrs. Hilda Paulsen, Technician.....	D	1 450
22. Frank McClain, Laboratory Helper (C. S.).....	D	1 200
23. Mrs. Gertrude Strand, Laborer (C. S.).....	D	820
24. Marguerite S. Dietrich, Technician.....	D50	720
<i>Sub-total, Salaries.....</i>		(17 390)
25. Wages.....	H	1 000
<i>Sub-total, Bacteriology and Public Health Division.....</i>		(18 390)
<i>Total, Pathology, Bacteriology, and Public Health.....</i>		\$ 45 520
Pediatrics		
1. J. H. Hess, Professor and Head of Department.....	A	.....
(Without salary)		
2. H. G. Poncher, Associate Professor.....	A	\$ 4 500
3. I. P. Bronstein, Assistant Professor.....	D	3 200
4. Ralph Spaeth, Instructor (8 mos. from October 1, 1938)....	F50	600
5. Mrs. Helen W. Wade, Assistant.....	D	1 585
6. Lawrence Breslow, Assistant and Resident.....	H	600 ¹
7. Mrs. Edna Loos, Stenographer and Social Service Worker (C. S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(11 985)
8. Wages.....	H	150
<i>Total, Pediatrics.....</i>		\$ 12 135

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Pharmacology, Materia Medica, and Therapeutics

		<i>Salary</i>
1. H. A. McGuigan, Professor and Head of Department.....	A	\$ 6 400
2. W. J. R. Camp, Professor.....	A	4 800
3. P. L. Ewing, Assistant Professor.....	D	2 600
4. Josephine M. Dyniewicz, Instructor.....	D ₅₀	750
5. J. A. Higgins, Instructor.....	D ₆₇	1 200
6. _____, Assistant.....	D	1 200
7. G. S. Greshiw, Technician.....	D	1 400
8. Polly F. Cline, Graduate Stenographer (C. S.).....	D	1 440
Sub-total, Salaries.....		(19 790)
9. Wages.....	H	150
Total, Pharmacology, Materia Medica, and Therapeutics..		\$ 19 940

Physiological Chemistry

1. W. H. Welker, Professor and Head of Department.....	A	\$ 6 000
2. Olaf Bergeim, Associate Professor.....	A	3 800
3. A. G. Cole, Assistant Professor.....	D	3 000
4. C. A. Johnson, Associate.....	D	2 200
5. C. C. Harvey, Assistant.....	D	1 180
6. Frances A. Briggs, Instructor.....	D	1 400
7. O. R. Burns, Technician.....	D	1 440
8. D. C. Shrout, Technician.....	D	1 320
9. Sara R. Bock, Senior Stenographer (C. S.).....	D	1 450
Sub-total, Salaries.....		(21 790)
10. Wages.....	H	1 654
Total, Physiological Chemistry.....		\$ 23 444

Physiology

1. G. E. Wakerlin, Professor and Head of Department.....	A	\$ 5 400
2. _____, Professor.....		4 750
3. Albert Bachem, Professor of Biophysics.....	D	4 300
4. C. I. Reed, Associate Professor.....	A	4 000
5. R. C. Ingraham, Associate.....	D	2 400
6. H. C. Struck, Associate.....	D	1 100
(Charged to Item 2.....)		1 100)
(Total salary.....)		2 200)
7. C. W. Darrow, Associate (Charged to Item 2.....)	D ₅₀	1 200)
8. David Minard, Instructor.....	D	2 200
9. _____, Assistant.....	E ₅₀	500
10. A. D. Klein, Assistant.....	E	500
(Charged to Item 2.....)		700)
(Total salary.....)		1 200)
11. Walter Erhard, Technician.....	D	1 500
12. R. E. Vessey, Technician.....	D	1 360
13. W. R. Taylor, Technician.....	D	1 200
14. Verne B. Barthel, Senior Stenographer (C. S.).....	D	1 380
Sub-total, Salaries.....		(30 590)
15. Wages.....	H	500
Total, Physiology.....		\$ 31 090

Psychiatry

1. H. D. Singer, Professor, Head of Department, and Director of Psychiatric Institute.....	A ₅₀	\$ 4 500
2. A. A. Low, Assistant Professor.....	D ₅₀	1 300
3. D. M. Olkon, Assistant Professor.....	D ₅₀	1 180
4. Mrs. Irene C. Sherman, Associate.....	D ₅₀	1 250
5. Mrs. Beulah C. Bosselman, Associate.....	D ₅₀	1 180
(See Rockefeller Foundation Grant.....)	D ₅₀	1 800)
(Total salary.....)		2 980)

		Salary
6. M. F. O. Bjaurock, Assistant and Third Year Resident.....	H	1 000 ¹
7. Mandel Sachs, Assistant and Second Year Resident.....	H	800 ¹
8. _____, First Year Resident.....	H	600 ¹
9. Betty Porter, Psychiatric Social Worker.....	D	2 260
10. Bobette Turner, Technician.....	D	1 450
11. Mrs. Grace G. Dahlberg, Graduate Stenographer (C. S.)....	D	1 440
12. Mrs. Mary B. Barry, Senior Stenographer (C. S.).....	D	1 080
<i>Total, Psychiatry.....</i>		<i>\$ 18 040</i>

*Expendable Gift Funds:**Rockefeller Foundation Grant*

1. Ernst Gellhorn, Physiologist.....	D	\$ 6 500
(Also Professor of Physiology without salary)		
2. Mrs. Beulah C. Bosselman, Psychiatrist.....	D50	1 800
(See Psychiatry.....)	D50	1 180)
(Total salary.....)		2 980)
3. S. A. Szurek, Psychiatrist.....	D	3 500
4. Hilda I. Stokes, Psychiatric Social Worker.....	D	2 000
5. Esther M. Leathers, Stenographer.....	D	1 200
<i>Total, Expendable Gift Funds.....</i>		<i>\$ 15 000</i>

Roentgenology

1. Adolph Hartung, Professor.....	A	\$ 8 000
2. T. J. Wachowski, Associate.....	D50	1 800
3. J. W. Grossman, Second Year Resident.....	D	800 ¹
4. Olive H. George, Technician and Registered Nurse (C. S.)..	D	1 800
5. Lydia Scherbarth, X-Ray Technician (C. S.).....	D	1 500
6. Martha Cunningham, Senior Stenographer (C. S.).....	D	1 300
7. A. F. Svoboda, Laboratory Helper (C. S.).....	D	1 200
<i>Sub-total, Salaries.....</i>		<i>(16 400)</i>
8. Wages.....	H	300
<i>Total, Roentgenology.....</i>		<i>\$ 16 700</i>

Surgery

1. W. H. Cole, Professor and Head of Department.....	A	\$ 10 000
2. C. H. Phifer, Professor.....	A12	320
3. C. M. McKenna, Professor.....	A20	600
4. G. W. Post, Associate Professor.....	A12	320
5. R. D. Herrold, Associate Professor.....	A50	2 000
6. Arrie Hamberger , Associate Professor.....	A12	320
7. O. E. Nadeau, Associate Professor.....	D25	600
8. C. B. Puestow, Associate Professor.....	A75	2 080
9. Willard Van Hazel, Associate Professor.....	A75	1 800
10. Géza de Takats, Associate Professor.....	A50	1 800
11. J. M. Mora, Assistant Professor (Payable \$64 at end of each semester).....	E10	128
12. P. J. Sarma, Assistant Professor.....	D25	600
13. C. S. Scuderi, Associate.....	D25	600
14. J. H. Kiefer, Instructor.....	D75	1 120
15. D. P. Slaughter, Assistant and Third Year Resident.....	D	1 000 ¹
16. Carl Ireneus, Jr., Assistant and Second Year Resident.....	D	800 ¹
17. _____, Assistant and First Year Resident.....	D	600 ¹
18. M. L. Parker, Assistant (Payable \$64 at end of each semester)	E10	128
19. L. J. Rossiter, Technician.....	D50	950
(See Obstetrics and Gynecology.....)	D50	950)
(Total salary.....)		1 900)

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		Salary
20. Mrs. Eunice Roth, Technician.....	D	1 320
21. Annabel Wheeler, Senior Typist (C. S.).....	D	1 500
22. Mrs. Mary H. O'Connell, Junior Stenographer (C. S.).....	D	1 080
<i>Sub-total, Salaries</i>		(29 666)
23. Wages.....	H	766
<i>Total, Surgery</i>		\$ 30 432

Medical and Dental Illustration

1. T. S. Jones, Chief Artist and Associate Professor.....	D75	\$ 4 000
2. Marion L. Mason, Artist.....	D75	2 200
3. L. A. Toriello, Photographer.....	D	2 400
4. Mrs. Nellie M. Frain, Artist in Dental Illustration.....	D50	1 500
(See Oral and Plastic Surgery and Oral Pathology)		
<i>Sub-total, Salaries</i>		(10 100)
5. Wages.....	H	600
<i>Total, Medical and Dental Illustration</i>		\$ 10 700

Drug Room

(Revolving Stores Account)

1. S. W. Morrison, Pharmacist.....	D50	\$ 1 730
(See Pharmacy.....)	D50	1 730)
<i>(Total salary)</i>		3 460)
2. R. L. Carter, Assistant Pharmacist.....	D	1 360
3. W. R. Collins, Assistant Pharmacist.....	D50	1 050
(See Pharmacy.....)	D50	1 050)
<i>(Total salary)</i>		2 100)
<i>Total, Drug Room</i>		\$ 4 140

COLLEGE OF DENTISTRY

Summary

	Salaries and Wages	Other Expense	Total
Administration.....	\$13 360	\$2 343	\$15 703
Contingent Fund.....		1 200	1 200
Children's Clinic.....	5 200	740	5 940
Histology.....	12 900	945	13 845
Illustration.....		2 575	2 575
Infirmary.....	17 003	12 000	29 003
Medical and Dental History.....	1 000	.....	1 000
Operative Dentistry.....	14 410	1 000	15 410
Oral and Plastic Surgery and Oral Pathology.....	14 370	980	15 350
Orthodontia.....	8 225	3 245	11 470
Pathology and Therapeutics.....	12 950	919	13 869
Prosthetic Dentistry:			
Crowns and Fixed Partial Dentures.....	10 575	1 075	11 650
Full Dentures and Removable Partial Dentures.....	14 860	1 147	16 007
Roentgenology.....	1 700	1 590	3 290
<i>Total</i>	\$127 243	\$29 759	\$157 002

Expendable Gift Funds¹

Histology:

Fellowship in dental research.....	\$1 500	\$1 500
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¹Estimated.

Administration

		<i>Salary</i>
1. F. B. Noyes, Dean.....	B}	
Director of Children's Clinic.....	D}	50 \$ 4 750
Professor of Orthodontia.....	A}	
2. Mrs. Nell S. Talbot, Assistant to the Dean (On leave for four months, beginning October 1, 1938, with full pay for three months and without pay for one month).....	D70	2 750
(See Medical and Dental History.....)	D30	1 000)
(Total salary.....)		3 750)
3. Mrs. Miriam B. Stiehl, Secretary to the Dean (Exempt)....	D	1 800
4. Mildred Warren, Junior Stenographer (C. S.).....	D75	1 060
(See Oral and Plastic Surgery.....)	D25	380)
(Total salary.....)		1 440)
5. Lucille Ricketts, Junior Stenographer (C. S.).....	D	1 160
6. Daniel Lyons, Supply Attendant (C. S.).....	D	1 440
7. _____, (Salary paid from unused portion of salary of Nell S. Talbot, absent on leave, and not included in total.....)		312)
<i>Sub-total, Salaries.....</i>		(12 960)
8. Wages.....	H	400
<i>Total, Administration.....</i>		\$ 13 360

Children's Clinic

1. F. B. Noyes, Director.....	D	.....
(Salary under Administration)		
2. Elsie Gerlach, Superintendent and Assistant Professor of Operative Dentistry.....	D	\$ 2 900
3. Beulah G. Nelson, Associate.....	D50	1 000
4. Mrs. May G. Greenaway, Assistant.....	D	1 300
<i>Total, Children's Clinic.....</i>		\$ 5 200

Histology

1. Isaac Schour, Professor and Head of Department.....	A	\$ 6 000
2. Frances Schwab, Technician.....	D	2 080
3. Leonard Gelfand, Assistant (3 half-days each week).....	D30	.....
4. M. M. Hoffman, Research Assistant.....	D	2 000
5. _____, Student Assistant (Exemption from tuition and laboratory fees).....	D25	.....
6. Emil Matt, Technician.....	D	1 300
7. Gertrude Everett, Junior Stenographer (C. S.).....	D	1 020
<i>Sub-total, Salaries.....</i>		(12 400)
8. Wages.....	H	500
<i>Total, Histology.....</i>		\$ 12 900

Infirmery

1. Frank Kanthak, Superintendent of Clinics, Assistant Professor of Oral Surgery and Oral Pathology.....	D	\$ 3 500
2. E. J. Krejci, Examiner and Assistant Professor of Operative Dentistry.....	D50	2 400
3. K. F. Knudtson, Associate (½ day each week).....	D10	.....
4. P. L. Lane, Associate (2 half-days each week) (Exemption from tuition and laboratory fees).....	D20	.....
5. H. F. Andree, Instructor (½ day each week).....	D10	.....
6. E. W. Renfro, Instructor (½ day each week).....	D10	.....
7. F. A. Dann, Instructor (½ day each week).....	D10	.....
8. W. F. Denneman, Assistant (½ day each week).....	D10	.....
9. _____, Assistant (½ day each week).....	D10	.....
10. _____, Assistant (½ day each week).....	D10	.....
11. Carolyn Peterson, Registered Nurse (C. S.).....	D	1 800
12. Adelaide Talbot, Junior Stenographer (C. S.).....	D	1 200

		<i>Salary</i>
13. Gustave Swanson, Technician.....	D	2 260
14. Anne Toomey, Senior Clerk (C. S.).....	D	1 800
15. Margaret M. Venard, Junior Clerk (C. S.).....	D	1 200
16. _____, Clerk (C. S.).....	D	1 020
17. Fannie Hagen, Infirmary Attendant (C. S.).....	D	900
18. Dagmar Peterson, Infirmary Attendant (C. S.).....	D	900
19. Maude Gubbins, Clerk, <i>Retired</i>		713
<i>Total, Infirmary</i>		<u>\$ 17 693</u>

Medical and Dental History

1. Mrs. Nell S. Talbot, Assistant Professor (On leave for four months, beginning October 1, 1938, with full pay for three months and without pay for one month).....	D30	\$ 1 000
(See Administration.....)	D70	2 750)
(Total salary.....)		<u>3 750)</u>
<i>Total, Medical and Dental History</i>		<u>\$ 1 000</u>

Operative Dentistry

1. S. S. Arnim, Assistant Professor and Acting Head of Department.....	D	\$ 4 000
2. D. M. Gallie, Professor, <i>Emeritus</i>		600
3. E. J. Krejci, Assistant Professor.....	D}	50
Examiner in the Infirmary.....	D}	50
(Salary under Infirmary)		
4. R. K. Baxter, Associate.....	D33	1 500
5. C. M. Buckman, Associate.....	D30	840
6. _____, Associate.....	D20	560
7. Margarita Ulloa, Associate.....	D50	1 300
8. F. C. Besic, Instructor (4 half-days each week).....	D40	775
9. D. D. Jackson, Assistant (4 half-days each week).....	D40	675
10. _____, Assistant.....	D50	1 000
11. _____, Assistant.....	D50	1 000
12. _____, Assistant.....	D50	1 000
13. Mrs. Helen S. Whicker, Junior Stenographer (C. S.).....	D	1 160
<i>Total, Operative Dentistry</i>		<u>\$ 14 410</u>

Oral and Plastic Surgery and Oral Pathology

1. F. B. Moorehead, Professor of Oral Surgery and Head of Department.....	A50	\$ 4 500
2. Louis Schultz, Professor of Oral Surgery and Pathology, <i>Emeritus</i>		600
3. R. L. Ladd, Assistant Professor of Oral Pathology.....	D60	2 800
4. Frank Kanthak, Assistant Professor of Oral Surgery and Oral Pathology, Superintendent of Clinics.....	D	.....
(Salary under Infirmary)		
5. L. W. Schultz, Assistant Professor of Oral Surgery (5 hours each week).....	D13	800
6. Eli Olech, Associate in Oral Surgery.....	D25	1 090
7. E. J. Droba, Associate in Oral Surgery.....	D25	1 100
8. Anna Rieke, Instructor in Oral Surgery.....	D	2 500
9. Mrs. Nellie M. Frain, Artist.....	D50	.....
(Salary under Medical and Dental Illustration)		
10. J. W. Gordon, Instructor in Oral Surgery (½ day each week).....	D10	.....
11. A. L. Alban, Instructor in Oral Surgery (½ day each week).....	D10	.....
12. F. C. Fabian, Instructor in Oral Surgery (½ day each week).....	D10	.....
13. S. M. Seron, Assistant in Oral Surgery (½ day each week).....	D10	.....
14. Mrs. Mina Rae Bohan, Technician in Oral Pathology.....	D50	600
(See Orthodontia.....)	D50	600)
(Total salary.....)		<u>1 200)</u>

		Salary
15. Mildred Warren, Junior Stenographer (C. S.).....	D25	380
(See Administration.....)	D75	1 060)
(Total salary.....)		1 440)
<i>Total, Oral and Plastic Surgery and Oral Pathology.....</i>		<i>\$ 14 370</i>

Orthodontia

1. A. G. Brodie, Professor and Head of Department.....	D50	\$ 4 275
2. F. B. Noyes, Professor.....	A50	.....
(Salary under Administration)		
3. W. B. Downs, Assistant Professor (2 half-days each week) ..	D20	750
4. Ernest Myer, Instructor (2 half-days each week)	D20	200
5. Abraham Goldstein, Instructor (2 half-days each week).....	D20	200
6. Bess H. Faust, Technician.....	D	1 700
7. Mrs. Mina Rae Bohan, Technician.....	D50	600
(See Oral and Plastic Surgery.....)	D50	600
(Total salary.....)		1 200)
<i>Sub-total, Salaries.....</i>		<i>(7 725)</i>
8. Wages.....	H	500
<i>Total, Orthodontia.....</i>		<i>\$ 8 225</i>

Pathology and Therapeutics

1. R. G. Kesel, Assistant Professor and Acting Head of Department.....	D	\$ 4 000
2. E. C. Wach, Associate.....	D50	1 500
3. M. K. Hine, Associate.....	D	3 000
4. Anita Ellingson, Instructor.....	D	2 200
5. E. H. A. Kramp, Instructor (3 half-days each week)	D30	600
6. David Berman, Instructor (3 half-days each week).....	D30	.....
7. M. F. Grunwald, Instructor (3 half-days each week).....	D30	500
8. Kenneth Sharpe, Assistant (3 half-days each week).....	D30	.....
9. C. W. Hansen, Assistant (3 half-days each week).....	D30	.....
10. Virginia L. Stoner, Technician.....	D	1 150
<i>Total, Dental Pathology and Therapeutics.....</i>		<i>\$ 12 950</i>

Prosthetic Dentistry

Crowns and Fixed Partial Dentures

1. G. W. Dittmar, Professor of Clinical Prosthetic Dentistry, Head of Department (4 hours each week).....	A10	\$ 600
(See Full Dentures and Removable Partial Dentures....)	A10	600)
(Total salary.....)		1 200)
2. S. D. Tylman, Professor of Prosthetic Dentistry.....	A60	4 275
3. F. N. Bazola, Associate.....	D50	1 200
4. _____, Instructor (18 hours each week).....	D45	1 000
5. R. D. Curtis, Assistant.....	D50	1 000
6. R. A. Larsen, Assistant (2 half-days each week).....	D20	.....
7. Casimir Siniarski, Assistant (3 half-days each week).....	D30	500
8. _____, Assistant (2 half-days each week).....	D20	.....
9. _____, Assistant.....	D50	1 000
10. _____, Technician.....	D	1 000
<i>Total, Crowns and Fixed Partial Dentures.....</i>		<i>\$ 10 575</i>

Full Dentures and Removable Partial Dentures

1. G. W. Dittmar, Professor of Clinical Prosthetic Dentistry, Head of Department (4 hours each week).....	A10	\$ 600
(See Crowns and Fixed Partial Dentures.....)	A10	600)
(Total salary.....)		1 200)
2. J. S. Kellogg, Professor of Prosthetic Dentistry.....	A	5 225
3. W. H. Kubacki, Professor of Prosthetic Dentistry.....	A	4 275

		Salary
4. M. B. Hattenhauer, Instructor.....	D50	1 000
5. Mrs. Eleanor S. King, Assistant.....	D	1 400
6. _____, Assistant (3 half-days each week).....	D30	360
7. C. F. Anderson, Assistant (3 half-days each week).....	D30	500
8. _____, Assistant.....	D50	1 000
9. Lauretta Maloney, Technician.....	D50	500
(See Roentgenology.....)	D50	500)
(Total salary.....)		1 000)
Total, Full Dentures and Removable Partial Dentures.....		\$ 14 860

Roentgenology

1. Edna M. Anderson, Technician.....	D	\$ 1 200
2. Lauretta Maloney, Technician.....	D50	500
(See Prosthetic Dentistry—Full Dentures.....)	D50	500)
(Total salary.....)		1 000)
Total, Roentgenology.....		\$ 1 700

COLLEGE OF PHARMACY

Materia Medica and Botany

1. W. B. Day, Professor.....	A	
Dean.....	B	\$ 6 750
2. E. N. Gathercoal, Professor of Pharmacognosy.....	A	4 675
3. E. H. Wirth, Associate Professor of Pharmacognosy.....	A	3 900
4. Esther Meyer, Associate in Bacteriology.....	D	2 460
5. P. D. Carpenter, Associate.....	D	2 460
6. C. L. Cox, Instructor in Pharmacognosy.....	E	2 460
7. R. S. Adamson, Assistant.....	E	1 500
8. Gerston Bruch, Assistant.....	E	1 500
9. E. E. Vicher, Assistant.....	E50	650

Chemistry

10. A. H. Clark, Professor.....	A	4 675
11. H. L. Davis, Assistant Professor.....	B	3 900
12. G. L. Webster, Assistant Professor.....	B	3 400
13. C. W. Clarke, Associate.....	D	3 300
14. L. D. Powers, Associate in Physics.....	B	3 250
15. U. O. Oakdale, Instructor.....	E	2 200
16. S. D. Gershon, Instructor.....	E	2 000
17. E. R. P. Kirch, Assistant.....	E	1 500
18. P. G. Soderdahl, Assistant.....	E	1 500
19. I. J. Kaski, Assistant.....	E	1 300

Pharmacy

20. C. M. Snow, Professor, <i>Emeritus</i>		2 296
21. R. E. Terry, Associate Professor.....	A	4 200
22. H. M. Emig, Assistant Professor in Charge of Physiology ..	B	3 300
23. S. W. Morrison, Associate.....	D50	1 730
(See College of Medicine.....)	D50	1 730)
(Total salary.....)		3 460)
24. L. E. Martin, Associate.....	D	2 800
25. Samuel Shkolnik, Instructor in Charge of Business Law ...	E	2 440
26. J. C. Ocenasek, Instructor.....	E	2 100
27. Lawrence Templeton, Instructor.....	E	2 100
28. B. B. Brody, Assistant.....	E	1 500
29. W. R. Collins, Assistant.....	D50	1 050
(See College of Medicine.....)	D50	1 050)
(Total salary.....)		2 100)
30. E. G. King, Assistant.....	E50	650
31. F. T. Maher, Assistant.....	E50	650

General

		<i>Salary</i>
32. Andrew Burger, Technician.....	E	1 200
33. Walter Sharka, Jr., Technician.....	D	1 400
34. Mary M. Scanlan, Secretary to the Dean (Exempt).....	D	2 100
35. Mrs. Dorothea M. Wheeler, Senior Clerk and Library Assistant (C. S.).....	D	1 600
36. Leona M. Frankovich, Junior Stenographer (C. S.).....	D	1 400
37. Mrs. Tillie T. Reifler, Junior Stenographer (C. S.).....	D	1 450
38. Marcella G. Moore, Junior Typist (C. S.).....	D	900
39. Hans Buch, Supply Attendant (C. S.).....	D	1 396
<i>Sub-total, Salaries</i>		(89 642)
40. Wages.....	H	100
<i>Total, College of Pharmacy</i>		\$89 742

DIVISION OF UNIVERSITY EXTENSION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$8 100	\$2 625	\$10 725
Extramural Extension.....	6 275 ¹	8 000 ¹	14 275 ¹
<i>Sub-total</i>	(14 375)	(10 625)	(25 000)
Visual Aids Revolving Fund.....	2 100 ¹	5 900 ¹	8 000 ¹
<i>Total</i>	\$16 475	\$16 525	\$33 000

Administration

		<i>Salary</i>
1. R. B. Browne, Director.....	D75	\$ 3 000
(See Education.....)	B 25	1 000)
(Total salary.....)		4 000)
2. L. V. Peterson, Executive Clerk (C. S.) and Supervisor, Visual Aids Service.....	D	1 800
3. A. D. Huston, Supervisor, Speech Aids Service.....	E 25	500
(See English.....)	E75	1 500)
(Total salary.....)		2 000)
4. Waunetta Kruse, Secretary (C. S.).....	D	1 200
<i>Sub-total, Salaries</i>		(6 500)
5. Wages.....	H	1 600
<i>Total, Administration</i>		\$ 8 100

¹Estimated.

LIBRARY

(The departments into which this budget is divided
are for administrative convenience only.)

Summary

<i>Salaries and Wages</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$15 995	.....	\$15 995
Order Department.....	39 820	.....	39 820
Binding Department.....	7 520	.....	7 520
Catalog Department.....	61 100	.....	61 100
Loan Department.....	34 055	.....	34 055
Reference Department.....	13 050	.....	13 050
Departmental Libraries:			
Urbana.....	49 554	.....	49 554
Chicago—Medicine and Dentistry.....	10 113	.....	10 113
<i>Total, Salaries and Wages</i>	(231 207)	.....	(231 207)
<i>Expense and Equipment (other than Library Additions):</i>			
Medicine and Dentistry.....		\$ 565	565
General.....		13 875	13 875
<i>Total, Expense and Equipment</i>		(14 440)	(14 440)
<i>Library Additions (books, binding, and periodicals):</i>			
Law.....		13 000	13 000
Medicine and Dentistry.....		11 000	11 000
Pharmacy.....		1 000	1 000
General (all other departments).....		114 700	114 700
<i>Total, Library Additions</i>		(139 700)	(139 700)
<i>Grand Total, Library</i>	\$231 207	\$154 140	\$385 347

Expendable Gift Fund

Denison Memorial Book Fund.....	\$8 500 ¹	\$8 500 ¹
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Administration

	<i>Salary</i>
1. P. L. Windsor, Director of the University Library and the Library School.....	B \$ 7 000
Professor of Library Science.....	A
2. Mary Lois Bull, Assistant to the Director (C. S.).....	D 2 400
3. W. S. Yenawine, General Assistant (C. S.).....	D 1 800
4. Mrs. Mildred J. Piatt, Stenographer (C. S.).....	D 1 500
5. Edmund Wharmby, Helper (C. S.).....	D 1 500
<i>Sub-total, Salaries</i>	(14 200)
6. Wages.....	H 1 795
<i>Total, Administration</i>	\$ 15 995

Order Department

1. Willia K. Garver, Order Librarian and Lecturer in the Library School.....	D \$ 3 400
2. G. H. Sandy, Assistant in Charge of Exchanges (C. S.).....	D 2 400
3. Mrs. Dorothy M. Halmos, Assistant (C. S.).....	D 2 200
4. J. H. Conway, Assistant (C. S.).....	D 1 400
5. Kathleen M. Ruckman, Exchange Reviser (C. S.).....	D 1 800
6. Ruth Hardin, Documents Assistant (C. S.).....	D 1 600
7. Mary Roberts, Assistant (C. S.).....	D 1 400
8. Ida M. Agruss, Assistant (C. S.).....	D 1 400
9. Marjorie F. Rumble, Assistant (C. S.).....	D 1 400

¹Estimated.

		<i>Salary</i>
10. Maurine Collins, Assistant (C. S.)	D	I 500
11. Lucy V. Kepler, Assistant in Charge of Periodicals (C. S.)	D	I 600
12. Doris Fleming, Assistant (C. S.)	D	I 400
13. George B. Brown, Assistant (C. S.)	D	I 500
14. H. J. Waltemade, Assistant (C. S.)	D	I 700
15. Sylvia H. Shaver, Assistant (C. S.)	D	I 400
16. Helen L. McIntyre, Assistant (C. S.)	D	I 500
17. R. T. Esterquest, Assistant (C. S.)	D	I 400
18. Edna R. Ralston, Assistant (C. S.)	D75	I 050
19. A. E. Whitenack, Assistant (C. S.)	D75	I 050
20. Mrs. Irene L. Phillippe, Clerk (C. S.)	D	I 060
21. Mrs. Evelyn S. Stanner, Stenographer (C. S.)	D	I 260
22. Ellen McNeill, Stenographer (C. S.)	D	960
23. Ruth E. Tyrrell, Library Clerk (C. S.)	D	840
24. Dorothy Fritzen, Library Clerk (C. S.)	D	900
25. Mrs. Helen S. McFarland, Stenographer (C. S.)	D	I 060
<i>Sub-total, Salaries</i>		(37 180)
26. Wages	H	2 640
<i>Total, Order Department</i>		\$ 39 820

Binding Department

1. Josie B. Houchens, Binding Librarian and Lecturer in the Library School	D	\$ 2 800
2. Avis Auld, Assistant (C. S.)	D	I 500
3. Mary A. Boyett, Assistant (C. S.)	D	I 400
<i>Sub-total, Salaries</i>		(5 700)
4. Wages	H	I 820
<i>Total, Binding Department</i>		\$ 7 520

Catalog Department

1. A. H. Trotier, Catalog Librarian and Lecturer in the Library School	D	\$ 3 400
2. Eleanor M. Robertson, Assistant Catalog Librarian (C. S.)	D	2 700
3. Cleo Lichtenberger, Catalog Reviser (C. S.)	D	2 500
4. Esther W. Anell, Serial Reviser (C. S.)	D	2 400
5. Amanda Flattery, Cataloger, <i>Retired</i>		760
6. C. U. Faye, Cataloger (C. S.)	D	2 400
7. Mrs. Katherine M. Wheeler, Cataloger (C. S.)	D	2 200
8. Mary A. Mann, Cataloger (C. S.)	D	2 100
9. Edna M. Brown, Cataloger (C. S.)	D	2 100
10. Meta M. Sexton, Cataloger (C. S.)	D	2 000
11. Edith C. Jones, Cataloger (C. S.)	D	I 900
12. Clarissa O. Lewis, Cataloger (C. S.)	D	I 800
13. H. W. Batchelor, Cataloger (C. S.)	D	I 800
14. G. R. Maynard, Cataloger (C. S.)	D	I 800
15. Theresa W. Gillett, Cataloger (C. S.)	D	I 700
16. J. G. Baker, Cataloger (C. S.)	D	I 500
17. Mildred E. Hoover, Cataloger (C. S.)	D	I 400
18. C. S. Paine, Cataloger (C. S.)	D	I 400
19. Dorothy E. Heicke, Cataloger (C. S.)	D	I 400
20. Janet G. Bullen, Cataloger (C. S.)	D	I 400
21. Helen M. Cooper, Cataloger (C. S.)	D	I 400
22. Mary L. Seely, Cataloger (C. S.)	D	I 400
23. Ruth M. Erlandson, Cataloger (C. S.)	D	I 400
24. Geraldine Kaufman, Cataloger (C. S.)	D	I 400
25. Mrs. Bertha L. Schroepel, Cataloger (C. S.)	D	I 400
26. Dorothy M. Reuss, Cataloger (C. S.)	D	I 400
27. Mrs. Lellia F. McLaughlin, Typist and Multigraph Operator (C. S.)	D	I 500
28. —————, Typist and Multigraph Operator (C. S.)	D	I 200

		<i>Salary</i>
29. Mrs. Elizabeth Beedle, Clerk (C. S.).....	D	1 400
30. Audrey M. Sexton, Clerk (C. S.).....	D	1 440
31. Eula Clanton, Clerk (C. S.).....	D	1 200
32. H. Madeleine Weckel, Clerk (C. S.).....	D	1 200
33. Virginia Miller, Clerk (C. S.).....	D	1 100
34. Lillian A. McCallister, Clerk (C. S.).....	D	900
35. Elizabeth Gyory, Clerk (C. S.).....	D	900
<i>Sub-total, Salaries</i>		(57 900)
36. Wages.....	H	3 200
<i>Total, Catalog Department</i>		\$ 61 100

Loan Department

1. Emma R. Jutton, Loan Librarian and Lecturer in Library School.....	D	\$ 3 000
2. Helen Stewart, Assistant (C. S.).....	D	2 000
3. Cecelia McCarthy, Assistant (C. S.).....	D	2 000
4. Lucile Huntington, Assistant (C. S.).....	D67	935
5. Sylvia C. Gilmore, Assistant (C. S.).....	D	1 800
6. Mrs. Esther P. Roerig, Assistant (C. S.).....	D	1 600
7. Annabel L. Smith, Assistant (C. S.).....	D	1 500
8. _____, Assistant (C. S.).....	D	1 400
9. Becky M. Sanford, Assistant (C. S.).....	D	1 400
10. Gilberta M. Heid, Assistant (C. S.).....	D	1 400
11. Daisy J. Kenney, Assistant (C. S.).....	D	1 400
12. Valerie C. Srubas, Assistant (C. S.).....	D	1 400
13. Reva Nearhood, Assistant (C. S.).....	D	1 500
14. Ferne M. Garman, Assistant (C. S.).....	D	1 400
15. Eunice H. Speer, Assistant (C. S.).....	D75	1 050
16. L. L. Qualls, Assistant (C. S.).....	D75	1 050
17. L. E. Hardaway, Assistant (C. S.).....	D50	700
18. Dorothy E. Ryan, Assistant (C. S.).....	D50	700
<i>Sub-total, Salaries</i>		(26 235)
19. Wages.....	H	7 820
<i>Total, Loan Department</i>		\$ 34 055

Reference Department

1. Alice S. Johnson, Reference Librarian and Lecturer in the Library School.....	D	\$ 2 900
2. Fanny Dunlap, Reference Librarian and Lecturer in the Library School.....	D	2 900
3. Dorothy M. Black, Reference Assistant (C. S.).....	D	2 300
4. Emily O. Garnett, Reference Assistant (C. S.).....	D	1 800
5. C. H. McMullen, Reference Assistant (C. S.).....	D75	1 050
6. Mary S. Hudson, Reference Assistant (C. S.).....	D50	700
7. Madeline Cord, Reference Assistant (C. S.).....	D75	1 050
<i>Sub-total, Salaries</i>		(12 700)
8. Wages.....	H	350
<i>Total, Reference Department</i>		\$ 13 050

Departmental Libraries—Urbana

1. C. E. Janvrin, Librarian, <i>Retired</i>		\$ 1 194
2. L. E. Bamber, Library Assistant, Natural History Library (C. S.).....	D	1 800
3. Marguerite Simmons, Library Assistant, Natural History Library (C. S.).....	D50	700
4. Wages.....	H	1 800
5. Mary G. Burwash, Librarian, Agriculture Library (C. S.).....	D	2 500
6. M. A. Milczewski, Library Assistant, Agriculture Library (C. S.).....	D50	700

		<i>Salary</i>
7. Wages.....	H	710
8. Nelle M. Signor, Librarian, History and Political Science (C. S.).....	D	2 300
9. Wages.....	H	900
10. Hazel Y. Shaw, Librarian, Commerce (C. S.).....	D	2 200
11. Wages.....	H	1 200
12. Hilda J. Alseth, Librarian, Engineering Library (C. S.).....	D	2 400
13. E. B. Jackson, Library Assistant, Engineering Library (C. S.).....	D50	700
14. Wages.....	H	800
15. Ida Tod, Librarian, Education, Philosophy, Psychology (C. S.).....	D	2 400
16. E. Evalyn Reich, Library Assistant, Education (C. S.).....	D50	700
(See Library School.....)	E 50	700)
(Total salary.....)		1 400)
17. Wages.....	H	1 200
18. Florence M. Harding, Library Assistant, Modern Language (C. S.).....	D	2 000
19. Wages.....	H	900
20. Mrs. Fern D. Davis, Librarian, Architecture Library (C. S.).....	D	2 000
21. Ruth L. Whitlock, Library Assistant, Architecture (C. S.).....	D50	700
22. Wages.....	H	1 100
23. Mrs. Bernita J. Long, Library Assistant, Law Library (C. S.).....	D	2 100
24. Wages.....	H	1 400
25. E. S. Warrick, Library Assistant, Mathematics (C. S.).....	D	1 800
26. Wages.....	H	800
27. Eva Faye Benton, Library Assistant, English (C. S.).....	D	1 600
28. Wages.....	H	900
29. E. J. Scheerer, Library Assistant, Chemistry (C. S.).....	D	1 800
30. Wages.....	H	1 100
31. Mrs. Eunice C. Mohr, Library Assistant, Journalism (C. S.).....	D	1 600
32. Wages.....	H	800
33. Mildred H. Bowers, Library Assistant, Landscape Architecture (C. S.).....	D86	1 300
(See Landscape Architecture.....)	DI4	200)
(Total salary.....)		1 500)
34. Wages.....	H	550
35. Wages (Classics).....	H	900
36. Isabelle F. Grant, Librarian (C. S.) 17th Century Book Room	D	2 000
<i>Sub-total, Salaries.....</i>		(34 494)
<i>Sub-total, Wages.....</i>		(15 060)
<i>Total, Departmental Libraries, Urbana.....</i>		<u>\$ 49 554</u>

Departmental Libraries—Chicago (Medicine and Dentistry)

1. Wilma Troxel, Librarian (C. S.).....	D	\$ 2 300
2. Metta M. Loomis, Librarian, <i>Retired</i>		1 213
3. Margaret M. Bates, Assistant Librarian (C. S.).....	D	1 800
4. Mrs. Marcia D. Buchanan, Clerk (C. S.).....	D	1 200
5. Lorena Clarke, Cataloger (C. S.).....	D	1 700
6. _____, Library Clerk (C. S.).....	D	960
<i>Sub-total, Salaries.....</i>		(9 173)
7. Wages.....	H	940
<i>Total, Departmental Libraries, Chicago.....</i>		<u>\$ 10 113</u>

PHYSICAL PLANT DEPARTMENT
Summary

Physical Plant Operation, Maintenance, and Equipment (Wages, expense, and equipment items subject to adjustment within total)

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Urbana-Champaign:			
Operation:			
Administration.....	\$78 713	\$10 924	\$ 89 637
Building.....	136 365	18 773	155 138
Fire Station.....	14 700	3 766	18 466
Police and Watchmen.....	28 515	410	28 925
<i>Total, Operation.....</i>	<i>(258 293)</i>	<i>(33 873)</i>	<i>(292 166)</i>
Maintenance:			
Building.....	140 610	62 704	203 314
General.....	47 525	10 500	58 025
Grounds.....	34 690	6 204	40 894
Trucks and Cars.....	22 450	10 322	32 772
<i>Total, Maintenance.....</i>	<i>(245 275)</i>	<i>(89 730)</i>	<i>(335 005)</i>
Utilities:			
Heat, Light, and Power.....	67 672	128 353	196 025
Gas.....	250	9 000	9 250
Water Station.....	17 117	4 755	21 872
<i>Total, Utilities.....</i>	<i>(85 039)</i>	<i>(142 108)</i>	<i>(227 147)</i>
<i>Total, Urbana-Champaign.....</i>	<i>\$588 607</i>	<i>\$265 711</i>	<i>\$854 318</i>
Chicago:			
Administration.....	11 645	4 915	16 560
Building Operation.....	35 643	5 125	40 768
Building Maintenance.....	37 120	9 296	46 416
Grounds.....	2 005	295	2 300
Heat, Light, and Power.....	4 610	46 480	51 090
<i>Total, Chicago.....</i>	<i>\$91 023</i>	<i>\$66 111</i>	<i>\$157 134</i>
<i>Total, Physical Plant Operation, Maintenance, and Equipment.....</i>	<i>\$679 630</i>	<i>\$331 822</i>	<i>\$1 011 452</i>
Expendable Gift and Endowment Income Funds			
Carr Tree Planting Fund.....		\$520	\$520
Estep Clock Maintenance Fund.....		130	130
<i>Total, Expendable Gift and Endowment Income Funds.....</i>		<i>\$650</i>	<i>\$650</i>

Physical Plant Department
URBANA

<i>Administration</i>	<i>Salary</i>
1. C. S. Havens, Director of Physical Plant Department (C. S.) D	\$ 6 000
2. R. C. Maxwell, Structural Engineer (C. S.)..... D	4 500
3. E. L. Stouffer, Assistant Supervising Architect (C. S.)..... D	4 500
4. T. O. Henderson, Assistant Superintendent of Buildings (C. S.) D	3 000
5. C. C. Andrew, Architectural Draftsman (C. S.)..... D	2 700
6. E. R. Berbaum, Maintenance and Repair Foreman (C. S.).. D	2 400
7. C. W. Lyon, Chief Clerk (C. S.)..... D	2 100
8. Mary E. Brennan, Chief Clerk (C. S.)..... D	1 885
9. Hazel M. Tucker, Senior Clerk (C. S.)..... D	1 800
10. R. G. Long, Certified Laborer (C. S.)..... D	1 500
11. Sybil K. Nagle, Junior Stenographer (C. S.)..... D	1 500
12. Geneva Fleming, Architectural Draftsman (C. S.)..... D	1 440
13. Garnet B. Renaker, Senior Clerk (C. S.)..... D	1 300
14. Agnes Burke, Junior Accountant (C. S.)..... D	1 300
15. Agnes Kane, Junior Accountant (C. S.)..... D	1 240

		<i>Salary</i>
16. Mrs. Cora L. James, Junior Typist (C. S.).....	D	I 200
17. Mrs. Dorothy B. Woods, Junior Clerk (C. S.).....	D	I 200
18. Mrs. Eva O. Paul, Junior Stenographer (C. S.).....	D	I 080
19. Mrs. Mary O. Pitrat, Junior Stenographer (C. S.).....	D	960
20. Helen D. Stackhouse, Junior Stenographer (C. S.).....	D	I 080
21. Mrs. Dorothy A. Murphy, Senior Typist (C. S.).....	D	.....
(Paid from Physical Plant Stores Overhead.....)		I 300)
22. M. W. Genung, Storekeeper (C. S.).....	D	.....
(Paid from Physical Plant Stores Overhead.....)		I 875)
23. Louis Finder, Laborer, <i>Retired</i>		760
24. Basil Brown, Laborer, <i>Retired</i>		678
25. Sell Hamlin, Laborer, <i>Retired</i>		607
26. J. C. Snyder, Laborer, <i>Retired</i>		670
27. Martin Sandwell, Carpenter, <i>Retired</i>		951
28. A. J. Booker, Carpenter, <i>Retired</i>		972
29. J. A. Hamlin, Laborer, <i>Retired</i>		450
30. Charles Hill, Maintenance and Repair Foreman, <i>Retired</i>	I	200
31. T. J. Showers, Superintendent of Buildings, <i>Retired</i>	I	702
32. C. C. Definbaugh, Laborer, <i>Retired</i>		500
33. H. Powell, Laborer, <i>Retired</i>		384
34. Lee McMillion, Laborer, <i>Retired</i>		375
35. C. Y. Freeman, Laborer, <i>Retired</i>		592
36. J. H. Vandeventer, Carpenter, <i>Retired</i>		934
37. D. J. Kilgore, Laborer, <i>Retired</i>		533
38. P. O. Moore, Laborer, <i>Retired</i>		562
39. P. Adams, Laborer, <i>Retired</i>	I	023
40. Joseph Davis, Laborer, <i>Retired</i>		647
41. J. A. J. Klein, Laborer, <i>Retired</i>		590
42. Ben Carlisle, Mechanic, <i>Retired</i>		636
43. Marshall Faust, Steamfitter, <i>Retired</i>		804
44. Thomas Butler, Mechanic, <i>Retired</i>		762
45. W. J. Smith, Maintenance and Repair Foreman, <i>Retired</i>	I	127
46. Gus Strom, Laborer, <i>Retired</i>		683
47. Frank Mead, Laborer, <i>Retired</i>		527
48. Bert Clark, Stationary Engineer, <i>Retired</i>		681
49. Mrs. Mary L. Ryan, Domestic, <i>Retired</i>		144
(See Home Economics Department.....)		288)
(Total salary.....)		432)
50. George Flock, Mechanic, <i>Retired</i>		836
51. F. T. Franklin, Mechanic, <i>Retired</i>		763
52. W. H. Keefer, Laborer, <i>Retired</i>		547
53. E. S. Sperling, Laborer, <i>Retired</i>		544
<i>Sub-total, Salaries</i>		(64 869)
54. Wages.....	H	13 844
<i>Total, Administration</i>		(78 713)
<i>Building Operation</i>		
1. S. E. Griffith, Assistant Superintendent of Buildings (C. S.) D		3 200
2. Wages.....	H	133 165
<i>Total, Building Operation</i>		(136 365)
<i>Fire Station</i>		
1. F. W. Stateler, Maintenance and Repair Mechanic (C. S.).. D		2 400
2. Wages.....	H	12 300
<i>Total, Fire Station</i>		(14 700)
<i>Police and Watchmen</i>		
1. Wages.....	H	28 515
<i>Total, Police and Watchmen</i>		(28 515)
<i>Building Maintenance</i>		
1. Wages.....	H	140 610
<i>Total, Building Maintenance</i>		(140 610)

<i>General Maintenance</i>		<i>Salary</i>
1. John Doak, Assistant Superintendent of Buildings (C. S.) . . .	D	4 300
2. Wages	H	43 225
<i>Total, General Maintenance</i>		(47 525)
<i>Grounds</i>		
1. C. E. Atkinson, Superintendent of Grounds (C. S.)	D	3 350
2. Wages	H	31 340
<i>Total, Grounds</i>		(34 690)
<i>Trucks and Cars</i>		
1. Ross Hutton, Foreman of Automotive Vehicles (C. S.)	D	2 750
2. Wages	H	19 700
<i>Total, Trucks and Cars</i>		(22 450)
<i>Heat, Light, and Power</i>		
1. C. E. Markland, Mechanical Engineer (C. S.)	D	3 400
2. Wages	H	64 272
<i>Total, Heat, Light, and Power</i>		(67 672)
<i>Gas</i>		
1. Wages	H	250
<i>Total, Gas</i>		(250)
<i>Water Station</i>		
1. H. L. White, Sanitary Engineer (C. S.)	D	3 600
2. Wages	H	13 517
<i>Total, Water Station</i>		(17 117)
<i>Total, Physical Plant, Urbana</i>		\$588 607

CHICAGO

<i>Administration</i>		
1. H. W. Pearce, Superintendent of Buildings (C. S.)	D	\$ 3 600
2. H. I. Schmitt, Assistant Superintendent of Buildings (C. S.)	D	3 250
3. Marjorie Burke, Clerk and Stenographer (C. S.)	D	1 200
4. Mrs. Eula Brooks, Senior Stenographer (C. S.)	D	1 140
5. Hilda Hansen, Laborer, <i>Retired</i>		400
6. Peter Drennan, Laborer, <i>Retired</i>		770
7. Anna Anderson, Laborer, <i>Retired</i>		235
<i>Sub-total, Salaries</i>		(10 595)
8. Wages	H	1 050
<i>Total, Administration, Chicago</i>		(11 645)
<i>Building Operation</i>		
1. E. C. Fletcher, Assistant to Superintendent of Buildings (C. S.)	D	2 400
2. Wages	H	33 243
<i>Total, Building Operation, Chicago</i>		(35 643)
<i>Building Maintenance</i>		
1. Wages	H	37 120
<i>Total, Building Maintenance, Chicago</i>		(37 120)
<i>Grounds</i>		
1. Wages	H	2 005
<i>Total, Grounds, Chicago</i>		(2 005)
<i>Heat, Light, Power, Water, Gas</i>		
1. Wages	H	4 610
<i>Total, Heat, Light, Power, Water, and Gas—Chicago</i>		(4 610)
<i>Total, Physical Plant Department, Chicago</i>		(91 023)
<i>Total, Physical Plant Department, Urbana & Chicago</i>		\$679 630

Photographic and Blueprinting Laboratory

1. Ray R. Hamm, Manager (C. S.).....	D	\$ 3 000
2. Wages.....	H	7 200
<i>Total, Photographic and Blueprinting Laboratory.....</i>		<u>\$ 10 200¹</u>

Residence Halls*Laura B. Evans and Mary E. Busey Residence Halls*

1. Beulah E. Gradwohl, House Manager (C. S.).....	D	\$ 2 800 ²
2. Mrs. Ella F. Boyd, Director of Social Activities, in Mary E. Busey Hall (C. S.).....	E	900 ²
3. Mrs. Mabel P. Smith, Director of Social Activities, in Laura B. Evans Hall (C. S.).....	E	900 ²
4. Mrs. Fannie Wilson, Cook, <i>Retired</i>		408
5. Emma Achenbach, Assistant Manager, <i>Retired</i>		559
6. G. A. DaCosta, Junior Accountant (C. S.) (See Business Office, Item 11).....	D41	579
7. Mildred Fisher, Assistant to Dean of Women (C. S.) (See Dean of Women).....	D25	375
<i>Total, Laura B. Evans and Mary E. Busey Halls.....</i>		<u>(6 521)</u>

Davenport House

8. Mildred Bonnell, House Manager (C. S.).....	E80	1 000 ²
(See Home Economics.....)	E20	300)
(Total salary.....)		1 300)
9. Mrs. Marjorie McCoy, Director of Social Activities (C. S.).....	E	500 ²
10. Mrs. Ida M. Staehle, Social Director, <i>Retired</i>	D	338
11. G. A. DaCosta, Junior Accountant (C. S.) (See Business Office, Item 11).....	Do8	96
12. Mildred A. Fisher, Assistant to Dean of Women (C. S.) (See Dean of Women).....	Do8	125
<i>Total, Davenport House.....</i>		<u>(2 059)</u>
<i>Sub-total, Salaries.....</i>		<u>(8 580)</u>
13. Wages.....	H	20 720
<i>Total, Residence Halls.....</i>		<u>\$ 29 300³</u>

Rental of Medical and Dental College Laboratory

Amount required for the payment of rental at \$7,200 per month for 8 months
and \$7,100 per month for 4 months, to cover interest and principal on
bond issue for that building..... \$86 000

Auxiliary Enterprises

The balances, receipts, and credits of the following self-supporting funds and activities are appropriated for the expense of operation and maintenance of these activities:

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Women's Residence Halls ⁴	\$24 691 ⁵	\$64 409	\$89 100
Davenport House ⁴	5 224 ⁵	10 976	16 200
McKinley Hospital.....	15 000 ⁶	25 000	40 000
Tenant Properties ⁴.....	.....	4 700	4 700
<i>Total.....</i>	<u>\$44 915</u>	<u>\$105 085</u>	<u>\$150 000</u>

¹Salary and wages to be paid out of the receipts of the laboratory; not included in budget total.

²Maintenance, including living quarters, board, and personal laundry while on duty.

³To be paid from the operating income of the halls; not included in budget totals.

⁴Balance lapses into General University Income June 30, 1939.

⁵Includes salaries listed under Physical Plant Department.

⁶Includes salaries listed under Administration and General Expense.

EXPENDABLE GIFT AND ENDOWMENT INCOME FUNDS
Scholarships, Fellowships, and Prizes

<i>Scholarships and Fellowships</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Allerton American Traveling Scholarship in Architec- ture.....	\$800	.....	\$800
Carr Fellowship in Chemistry.....	600	.....	600 ¹
Chemical Foundation Fellowships in Organic Chem- istry.....	6 000	.....	6 000
Chicago Board of Trade Agricultural Scholarships....	750	.....	750
Dow Chemical Company Fellowship in Organic Chem- istry.....	600	.....	600
E. I. du Pont de Nemours Fellowship.....	750	.....	750
Graduate Scholarships and Fellowships in Public Utilities.....	250	.....	250
Gregory Scholarship.....	300	.....	300 ¹
Harker Scholarship in Law.....	150	.....	150 ¹
Illinois Bankers Association Scholarship and Fellow- ship.....	500	.....	500
Kinley Memorial Scholarships.....	1 000	.....	1 000 ¹
Morava Scholarships.....	3 500	.....	3 500 ¹
Noyes Scholarships.....	1 000	.....	1 000 ¹
Plym Fellowships in Architecture.....	2 500	.....	2 500 ¹
Rea Scholarships in Medicine.....	200	.....	200 ¹
Sears, Roebuck Scholarships in Agriculture.....	2 000	.....	2 000
Sharp Scholarship in Library Science.....	300	.....	300
Solvay Process Company Fellowship in Organic Chem- istry.....	600	.....	600
Shnitzer Memorial Scholarships.....	400	.....	400
Wallace Memorial Scholarships.....	400	.....	400 ¹
Williamson Scholarship in Medicine.....	100	.....	100 ¹
Estimated Additional Funds and Renewals of Present Funds.....	2 000	.....	2 000
<i>Prizes</i>			
Baker Prize in Civil Engineering.....	\$ 75	.....	75 ¹
Bivin Foundation Prize in Psychology.....	100	.....	100
Bryan Prize for Students' Essays on Government....	50	.....	50 ¹
English Poetry Prize.....	100	.....	100 ¹
Guild Memorial Prize for Students' Poems and One- Act Plays.....	50	.....	50 ¹
Ladies Auxiliary of Veterans of Foreign Wars Award	50	.....	50
Thrift Committee Economics Prize.....	50	.....	50
Van Schaack Award in Pharmacy.....	50	.....	50
<i>Total, Scholarships, Fellowships, and Prizes.....</i>	<i>\$24 700</i>	<i>\$525</i>	<i>\$25 225</i>

Miscellaneous Funds

Margaret Lange James Student Loan Annuity.....	\$ 250	\$ 250
K. C. Babcock Fellowship in History and Political Science Annuity.....	1 200	1 200
W. B. McKinley Hospital Endowment.....	600	600
Bradley Banquet for Band Students.....	250	250
Carter-Pennell Farms Operation.....	1 500	1 500
<i>Total, Miscellaneous Funds.....</i>	<i>\$3 800</i>	<i>\$3 800¹</i>

¹From endowment income.

RETIREMENT OF MEMBERS OF THE STAFF

(2) A report that the following members of the staff will retire effective September 1, 1938, on the retiring allowance indicated in each case. Provisions for these retiring allowances have been included in the budgets of the departments concerned.

<i>Name and Present Position</i>	<i>Department</i>	<i>Retiring Allowance</i>
C. F. Hottes, Professor and Head of Department.. Botany...}		
Consulting Plant Physiologist..... Agronomy }		\$2 707
E. C. Baldwin, Professor..... English.....		1 970
E. L. Bogart, Professor and Head of Department.. Economics.....		3 000
B. R. Hall, Associate..... Mechanical Engineering..		1 020
S. W. Kilton, Laborer ¹ Animal Husbandry.....		820
E. H. Soughers, Laborer..... Dairy Husbandry.....		465
E. J. Lake, Professor and Head of Department.... Art.....		2 015
G. F. Schwartz, Professor ¹ Music.....		1 842
E. S. Sperling, Laborer..... Physical Plant.....		544
<i>Total.....</i>		<i>\$14 383</i>

This report was received for record.

MEMBERS OF THE STAFF TO BE CONTINUED IN SERVICE

(3) The following members of the staff who have reached the retiring age have asked to be continued in service for one year from September 1, 1938:

Frank C. Baker, Curator of Museum of Natural History

John H. Huffer, Toolroom Attendant, Pattern Laboratory

On motion of Mr. Karraker, these requests were granted.

DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) A recommendation that the following be appointed members of the Board of Directors of the Athletic Association to serve from April 27, 1938, until the next annual meeting of the Board of Trustees, or until their successors have been appointed: F. A. Russell, Urbana; F. E. Richart, Urbana; W. E. C. Clifford, Champaign; J. P. Kratz, Monticello; W. S. Wilson, Champaign.

On motion of Mr. Karraker, these appointments were made as recommended.

LEAVE OF ABSENCE FOR PROFESSOR T. W. BALDWIN

(5) At its meeting on February 11, 1938, the Board authorized a sabbatical leave of absence for Professor T. W. Baldwin, of the Department of English, for the year 1938-1939 on one-half pay with the privilege of changing to leave during the second semester on full pay.

The Dean and the Executive Committee of the College of Liberal Arts and Sciences recommend that he be given a special leave of absence during the entire academic year of 1938-1939 with full pay in order that he may spend a full year abroad completing two major scholarly projects on which he has been working, this leave to supersede the one previously granted. This is being presented to the Board as a special case on the initiative of the Dean and Executive Committee of the College of Liberal Arts and Sciences and the President of the University and not on the application of the individual.

Professor Baldwin is one of the distinguished scholars on the faculty and one of the six leading Shakespeare scholars of the world. He has about exhausted the resources for his research available in this country and has reached the point where he cannot further proceed without a prolonged period of study in England. It is impossible for him to do this in one semester nor to finance a full year's sabbatical leave of absence on one-half pay. In view of these

¹Retirement, effective September 1, 1938, authorized by the Board, January 20, 1938.

circumstances the College is recommending that the usual conditions governing leaves of absence be waived in the case of Professor Baldwin purely on its merits, that is, his professional reputation and the importance of the research work in which he is engaged.

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

LEAVE OF ABSENCE FOR ASSOCIATE PROFESSOR F. P. SHEPARD

(6) Associate Professor F. P. Shepard, of the Department of Geology and Geography, who is on leave of absence during the present academic year (the first semester without pay and the second semester a sabbatical leave on one-half pay), has been granted an extension of his leave, without pay, for the first semester of 1938-1939 to enable him to pursue further certain researches on oceanography on the Pacific Coast.

To carry on his research program effectively it is necessary for Professor Shepard to be away for a part of each year. He has requested that he be given a leave of absence without pay during the first semester of each year for a period of years. The Executive Committee of the College of Liberal Arts and Sciences and the Graduate School Research Board recommend that in addition to the leave of absence without pay granted Professor Shepard for the first semester of 1938-1939, a similar leave of absence be granted him for the years 1939-1940 and 1940-1941; and that the continuation of this arrangement beyond the next biennium be subject to further consideration and approval.

On motion of Mr. Karraker, this arrangement was approved as recommended.

LEAVES OF ABSENCE

(7) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Mrs. Margaret Handschin van Amerongen, Clerk in the Bureau of Educational Research, leave of absence without pay from June 15 to September 15, 1938, to enable her to travel abroad.

2. Miss Alyce Riley, Dispensary Nurse, leave of absence without pay from June 1 to September 30, 1938, on account of illness.

3. Mr. B. B. Miller, Laborer in the Dispensary, leave of absence without pay from March 28 to June 27, 1938, on account of illness.

4. Miss Lucille Watt, Resident in the Department of Medicine (Anesthesia), leave of absence without pay from March 18, 1938, and continuing until further notice, on account of ill health.

5. Mr. O. F. Gaebe, Specialist in Junior Club Work in the Extension Service, leave of absence without pay for two weeks, from June 9 to 23, inclusive, his regular vacation following immediately thereafter.

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

NEW APPOINTMENTS OF PROFESSORIAL RANK

(8) A recommendation that the following appointments to the staff, effective September 1, 1938, be approved:

1. Dr. Herbert M. Hamlin, Professor of Agricultural Education in the College of Education, on indefinite tenure at a salary of \$5,000 per year.

2. Dr. Karl A. Windesheim, Assistant Professor of Speech, for one year at a salary of \$3,000.

3. Dr. R. G. Barker, Assistant Professor of Education, for one year at a salary of \$3,200.

4. Dr. R. M. Nolen, Assistant Professor of Economics, for one year at a salary of \$3,500.

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

CHANGE IN STATUS OF PROFESSOR J. G. RANDALL

(9) Professor J. G. Randall, of the Department of History, who will be on sabbatical leave of absence during the first semester of 1938-1939 on full pay, has requested that he be given a part-time appointment, with a corresponding reduction in salary, during the second semester of 1938-1939, in order that he may devote himself to writing a volume on the life of Lincoln.

The Dean of the College of Liberal Arts and Sciences recommends that Professor Randall's status be changed to Professor on two-thirds time, at a salary rate of \$3,200 a year, from March 1 to September 1, 1939.

On motion of Mr. Karraker, this request was granted as recommended.

APPOINTMENT OF ASSISTANT DEAN OF THE GRADUATE SCHOOL

(10) A recommendation that Associate Professor Horace M. Gray, of the Department of Economics, be appointed Assistant Dean of the Graduate School on one-fourth time for one year from September 1, 1938, at a salary of \$1,250, and Associate Professor of Economics on three-fourths time on indefinite tenure, at a salary of \$2,850, or a total salary of \$4,100.

On motion of Mr. Karraker, this appointment was made as recommended.

LAPSING OF APPROPRIATION FOR RENTAL FOR MEDICAL AND DENTAL BUILDING

(11) The budget for the current year includes an item of \$86,000 for the payment of rental for the second unit of the Medical and Dental College Laboratories Building to cover interest and principal payments on the bond issue. As the Board was advised on July 16, 1937, and again on September 27, there has been some complication with respect to the method of payment of interest during the construction period. Because of the fact that a part of the interest was paid out of construction funds, it has not been necessary for the University to pay rental of an approximately equivalent amount, and the sum of \$21,300 remains unused in the budget appropriation of \$86,000 for rental. I have therefore authorized the Comptroller to permit this balance to lapse into the General Reserve Fund.

On motion of Mr. Karraker, this action was confirmed.

LAPSING OF SUPPLEMENTARY APPROPRIATION FOR PURCHASE OF COAL

(12) At its meeting on January 20, 1938 (Minutes, page 601), a supplementary appropriation of \$4,000 was made to the Physical Plant Department to cover the increase in coal prices ordered by the National Bituminous Coal Commission. Since this Commission's order has been rescinded, the additional appropriation will not be needed for this purpose and has been permitted to lapse into the General Reserve Fund.

On motion of Mr. Karraker, this action was confirmed.

APPROPRIATION FOR GOODWIN AVENUE SANITARY SEWER IMPROVEMENT

(13) At its meeting on December 3, 1937 (Minutes, page 576), the Board authorized the acceptance of the University's proportionate share of the cost of the Goodwin Avenue sanitary sewer improvement when the assessment has been spread. The work on this improvement will soon be completed, and the University's share of the cost will be \$2,080. I recommend that an appropriation of this amount be made from the General Reserve Fund for this purpose.

On motion of Mr. Karraker, this appropriation was made as recommended, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

ADJUSTMENTS IN THE BUDGET FOR 1937-1938

(14) In approving the budget for 1937-1938 the Board authorized the President of the University to make such changes and adjustments as are needed. Under this authorization the following adjustments have been made during the period October 1, 1937, to March 31, 1938, and are being reported for record with the recommendation that an assignment of \$6,615.20 be made from the General Reserve Fund to cover them:

Permanent additions to current budget:

Classics, salaries (increase in rate paid H. V. Canter, Professor).....	\$268 00 ¹	
Dairy Husbandry, salaries (new position to be filled by E. E. Ormiston, Assistant).....	200 00 ²	
Agronomy, salaries (increase in rate paid E. E. DeTurk, Professor).....	250 00 ³	
Library, salaries (new position to be filled by Elizabeth Gyory, Library Clerk).....	100 00 ³	
Dairy Husbandry, salaries (new position to be filled by K. E. Harshbarger, Assistant).....	720 00 ⁴	
Bureau of Community Planning, salaries (new position to be filled by D. H. Morgan, Community Consultant)...	500 00 ⁴	
Library, salaries (increase in rate paid Theresa Gillett, Cataloger).....	100 00 ⁵	
Smith-Hughes practice teaching (For services of cooperating teachers and transportation to schools outside of Champaign-Urbana).....	377 20 ⁶	
Mining and Metallurgical Engineering, salaries (new position to be filled by H. W. Kruse).....	50 00 ⁷	\$2 565 20

Temporary additions to current budget (present year only):

Additional part-time assistants—		
Mechanical Engineering, salaries.....	1 800 00	
General Engineering Drawing, salaries.....	750 00	
Ceramic Engineering, salaries.....	900 00	
Additional wage assignment—Dean of Men.....	600 00	4 050 00
<i>Total additions</i>		\$6 615 20

On motion of Mr. Karraker, this appropriation was made as recommended, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

SPECIAL AND NON-RECURRING APPROPRIATIONS

(15) A recommendation that the following special appropriations be made from the General Reserve Fund for the purposes indicated. As reported to the Board at the March 18 meeting, the Committee on Special Appropriations and Non-Recurring Expenditures has had under consideration many new requests for assignments of funds, a preliminary selection of which was presented at the

¹Reported to Board of Trustees, December 3, 1937, page 582.

²Reported to Board of Trustees, January 20, 1938, page 616.

³Reported to Board of Trustees, January 20, 1938, page 614.

⁴Reported to Board of Trustees, January 20, 1938, page 615.

⁵Reported to Board of Trustees, February 11, 1938, page 637.

⁶In addition to appropriation made by Board of Trustees, January 20, 1938, page 598.

⁷Reported to Board of Trustees, March 18, 1938, page 675.

last meeting (Minutes, page 657). The following represents additional recommendations as a result of the Committee's studies:

1. Overhauling of Auditorium organ.....	\$7 000
2. Replacement of Creamery Floor in Dairy Manufactures... ..	6 500
3. Remodeling of Illumination Laboratory (\$2,000) and Lumber Shed for Physical Plant Department (\$2,000).....	4 000
4. Improvements in tenant house occupied by Animal Hus- bandry foreman (wiring and service connections for electrical service).....	900
5. Remodeling offices in Agricultural Engineering Building... ..	800
<i>Total</i>	<u>\$19 200</u>

On motion of Mr. Karraker, the Comptroller was authorized to investigate and present a recommendation covering item 1; the Physical Plant Department was authorized to investigate and present a recommendation covering item 2; and items 3, 4, and 5 were approved and an appropriation of \$5,700 was made as recommended, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

AMOUNT OF TREASURER'S BOND

At this point, Mr. Karraker, for the Finance Committee, presented a recommendation that the Treasurer's bond be fixed at \$750,000 and that an appropriation of \$625 be made from the General Reserve Fund to provide for the additional premium.

On motion of Mr. Karraker, this recommendation was approved, and the appropriation was made, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

REPORT OF SALES AND PURCHASES OF SECURITIES FOR ENDOWMENT FUNDS AND LOAN FUNDS

Mr. Karraker, for the Finance Committee, presented the following report from the Comptroller of sales and purchases of securities, representing investments of endowment funds and loan funds, as authorized by the Board, since the last report:

SALES					
Par	Description	Price at which sold	Book value at time of sale	Amount realized from sale	Net loss
Endowment Funds:					
\$8 000	Texas Power and Light Co., 5% bonds, due 1956.....	99½	\$8 373 85	\$7 960 00	\$413 85
PURCHASES			Price at which purchased	Yield	Book value
Par	Description				
Endowment Funds:					
\$ 3 000	Gulf States Utilities, 4's, due 1966.....	103¾	3 80	\$ 3 101 25	
2 000	Gulf States Utilities, 4's, due 1966.....	103	3 83	2 060 00	
11 000	Ohio Edison, 3¾, due 1972.....	97½	3 83	10 725 00	
3 000	Indianapolis Power and Light, 5's, due 1957	105¼	4 58	3 157 50	
1 000	Bethlehem Steel Co., 6's, Quarterly, due 1998	137	4 38	1 370 00	
1 000	Bethlehem Steel Co., 6's, Quarterly, due 1998	138	4 34	1 380 00	
Loan Funds:					
\$25 000	U. S. Treasury Notes, 2%, due 1942.....	103 ²⁹ / ₃₂	109	25 976 57	
25 000	U. S. Treasury Notes, 3¼%, due 1941.....	107 ²¹ / ₃₂	98	26 914 06	

This report was received for record.

KENDRIC C. BABCOCK ENDOWMENT FUND

Mr. Karraker, for the Finance Committee, presented the following report.

The University received as a part of the Kendric C. Babcock Endowment Fund \$2,500, first 7% bonds of the Illinois Orchard Company, due March 15, 1932. On November 19, 1932, the Board authorized the deposit of these funds with the trustee for the purpose of foreclosure.

A decree of foreclosure was granted and a receiver was appointed. The receiver operated the premises until December 4, 1937. From time to time portions of the property were sold until all was disposed of and the proceeds turned over to the receiver. The receiver filed a final report in Clay County, Illinois, where the property is located, which report was approved December 4, 1937, and the receiver discharged.

The Comptroller has received and has on file reports of these various operations, the net result of which is a distribution to bond holders amounting to 20% of the face value of the bonds. In making sales of the property, the trustee reserved oil and mineral rights. There is a strong possibility that these rights may come to have a sizable value, in which case a material further realization on the face value of the bonds is entirely possible. In view of these facts, the Comptroller is showing the amount received from the trustee as a credit on the face value of the bonds and is continuing to carry the bonds in the investment account of the Babcock Fund at a book value of \$2,000, showing that the only security is an interest in the oil and mineral rights of the property originally covered by the bonds, in view of the fact that all other interest in the property itself has been released.

This report was received for record.

BURSAR'S PETTY CASH FUND

Mr. Karraker, for the Finance Committee, presented a recommendation that the Bursar's Petty Cash Fund be increased to \$17,500.

On motion of Mr. Karraker, this increase was approved, and an appropriation of \$3,500 was made from the General Reserve Fund, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

**NEW CONTRACT WITH THE UTILITIES RESEARCH COMMISSION
AND COMMONWEALTH EDISON COMPANY**

Mr. Pogue, for the Committee on Patents, presented a revised agreement with the Commonwealth Edison Company, superseding an agreement with the Utilities Research Commission.

AGREEMENT

This agreement, made and entered into this day of, 1938, by and between the Board of Trustees of the University of Illinois, an Illinois corporation, located at Urbana, Illinois, hereinafter referred to as the "University," and Commonwealth Edison Company, an Illinois corporation, having its principal office at 72 West Adams Street, Chicago, Illinois, hereinafter referred to as the "Company."

Witnesseth That:

Whereas, the University has conducted for Utilities Research Commission, Inc. a research devoted to discovery of means of eliminating as far as may be practical the sulphurous components of gases emitted by stacks of coal burning furnaces, and

Whereas, by reason of said research the University obtained and now owns the following Letters Patent and applications for Letters Patent:—

LETTERS PATENT OF THE UNITED STATES

No. 2,021,936—for Removal of SO₂ From Flue Gases—Issued November 26, 1935. Inventor, Henry F. Johnstone.

- No. 2,021,937—for Process for Removing SO_2 From Flue Gases—Issued November 26, 1935. Inventor, Henry F. Johnstone.
- No. 2,082,006—for Process for Removing and Recovering Sulphur Dioxide From Waste Gases—Issued June 1, 1937. Inventor, Henry F. Johnstone.
- No. 2,027,982—for Process for Removing Catalysis Inhibitors from Aqueous Solutions—Issued January 14, 1936. Inventor, Henry F. Johnstone.

LETTERS PATENT OF THE DOMINION OF CANADA

- No. 339,021—for Removal of SO_2 From Flue Gases—Issued January 30, 1934. Inventor, Henry F. Johnstone.
- No. 339,022—for Process for Removing SO_2 From Flue Gases—Issued January 30, 1934. Inventor, Henry F. Johnstone.

APPLICATIONS FOR LETTERS PATENT OF THE UNITED STATES

- Application of Henry F. Johnstone, Serial No. 55,713, filed December 23, 1935, for Process of Removing Sulphur Dioxide From Waste Gases—Case No. 6.
- Application of Henry F. Johnstone, Serial No. 56,433, filed December 28, 1935, for Process of Recovering SO_2 From Waste Gases—Case No. 7.
- Application of Henry F. Johnstone and Alamjit D. Singh, Serial No. 97,550, filed August 24, 1936, for Recovery of SO_2 From Ammonia Solutions—Case 1.
- Application of Henry F. Johnstone and Alamjit D. Singh, Serial No. 132,691, filed March 24, 1937, for Combined Cooler and Scrubber—Case 2.
- Application of Henry F. Johnstone and Alamjit D. Singh, Serial No. 132,692, filed March 24, 1937, for Process for Recovering Sulphur Dioxide From Waste Gases—Case 4.
- Application of Alamjit D. Singh, Serial No. 148,074, filed June 14, 1937, for Method of and Means for Converting a Sulphite Into An Oxide and Sulphur Dioxide—Case 1.

APPLICATIONS FOR LETTERS PATENT OF GREAT BRITAIN

- Application of Henry F. Johnstone, Serial No. 30843/36, for Process of Removing Sulphur Dioxide From Waste Gases—Case 1.
- Application of Henry F. Johnstone, Serial No. 30844/36, for Process of Recovering SO_2 From Waste Gases—Case 2.
- Application of Henry F. Johnstone and Alamjit D. Singh, Serial No. 15222/37, for Process for Recovering Sulphur Dioxide From Waste Gases—Case 3.
- and

Whereas, the University has borne the legal expenses of securing the above-named patents and in prosecuting the above-named patent applications, as well as other incidental and indirect costs; and

Whereas, the Utilities Research Commission, Inc. is about to be dissolved and an agreement between the University and Utilities Research Commission, Inc. dated December 3, 1931, concerning the above mentioned applications and Letters Patent, is being this day cancelled and

Whereas, it is the desire of the University and the Company to substitute the within agreement in place of said agreement dated December 3, 1931.

Now, therefore, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations by each to the other this day in hand paid, the receipt of which is hereby acknowledged, and in further consideration of the mutual covenants herein contained, it is hereby agreed by and between the parties hereto as follows:

1. That the University shall immediately assign to the Company the entire right, title and interest in and to the inventions disclosed in the above-mentioned applications and patents, together with the entire right, title and interest in and to said applications and patents, and the Company shall pay the expenses incurred after January 1, 1938, in prosecuting said applications for patents,

except that in case the Company discontinues the prosecution of any of said applications as provided for in paragraph 9 of this agreement, then, from that time on, any expenses incurred in the prosecution by the University of said applications shall be paid by the University.

2. That if any patentable discoveries concerning the elimination of sulphurous gases from stack gases be made during the course of such investigation as may be conducted under any existing research agreement between the University and Utilities Research Commission, Inc. or extension or assignment thereof which inventions the Company considers worthy of patenting in the United States or foreign countries, the Company shall request the University to make application for United States Letters Patent and foreign patents covering such inventions in the name or names of University agents concerned in making such discoveries, and the University shall assign to the Company all right, title and interest in and to such inventions, applications and patents on the conditions herein stated, and the Company shall diligently prosecute such applications and make reasonable efforts to obtain United States Letters Patent or foreign patents for such inventions at the Company's own expense, provided, however, that if the Company informs the University in writing that it does not desire any particular invention or inventions assigned to it, then the University shall be under no obligation to assign said invention or inventions.

3. That the provisions of Paragraph 2 shall apply to any patentable discoveries resulting directly and exclusively from researches made under any such research agreement aforesaid, provided such discoveries are made not later than one year after termination of said research agreement or any extension thereof.

4. That the University shall promptly notify the Company of any and all discoveries or inventions which its investigators may make relative to sulphur fumes in stack gases, within the provisions of Paragraphs 2 and 3 hereof, and render all reasonable assistance to the Company in obtaining Letters Patent, by procuring the necessary signatures to the papers and making available full information concerning the inventions.

5. That where the Company grants licenses under the patents referred to in this agreement, said licenses shall be made with provisions for the use of the patents which will safe-guard the public, during the life of said patents, from unreasonable restrictions or exorbitant royalties for the use of later patents that may depend for their usefulness on the patents referred to in this agreement.

6. That the Company itself, or by means of a licensee or licensees, will make reasonable and diligent efforts to develop and promote such of the inventions referred to in this agreement as to the Company seem to warrant such procedure.

7. That the Company shall pay annually to the University twenty-five per cent (25%) of all royalties, license fees, or compensations which it may receive under any license agreements or assignments of the inventions covered by this agreement. As to any inventions for which applications for patents have been filed and assigned to the Company and for which patents have been issued, the Company shall, upon request, inform the University fully concerning the status thereof from the standpoint of commercial development, licensing thereunder, and receipts under licensing agreements. The Commission shall file copies of all licensing agreements with the University immediately upon the execution thereof.

8. That the Company shall have the right to discontinue the prosecution of any of said applications for patents which have been or may be assigned by the University to the Company, and in that event the Company shall, upon written request from the University, reassign said discontinued application to the University. The Company will, if requested by the University, at least once every six months report the status and progress of all patent applications pending in the Patent Office, pursuant to this agreement.

9. Upon thirty (30) days written notice by the University to the Company of its desire to terminate its future obligations under paragraphs 1, 2, 3 and 4

of this agreement, all obligations on the part of the University under paragraphs 1, 2 and 4 of this agreement arising subsequent to said notice shall cease after the effective date of said notice, and all obligations on the part of the University under paragraph 3 of this agreement arising subsequent to one year after said notice shall cease one year after the effective date of such notice.

In Witness Whereof, the parties hereto have caused this instrument to be executed by their duly authorized officers and their corporate seals affixed, the day and year first above written.

BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

By: OSCAR G. MAYER

President

H. E. CUNNINGHAM

Secretary

Approved:

5/2/38

SVEINBJORN JOHNSON

4/28/38 *University Counsel*

COMMONWEALTH EDISON COMPANY

By:.....

Attest:

President

.....
Secretary

On motion of Mr. Karraker, the President and the Secretary of the Board were authorized to execute this agreement on behalf of the University.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Executive Committee resumed its consideration of matters presented by the President of the University.

ADJUSTMENTS IN ATHLETIC ASSOCIATION BUDGET

(16) A report of the following adjustments in the budget of the Athletic Association representing assignments from the balance in the provision for miscellaneous and contingent items:

Payments for tutoring.....	\$236 25
Travel expenses of University Counsel to Washington, D. C. for conference with Bureau of Internal Revenue officials regarding tax liability.....	101 20
Equipment for swimming pool.....	321 33
<i>Total</i>	<u>\$658 78</u>

On motion of Mr. Karraker, these adjustments were approved.

OFFER OF PROPERTY AT 1210 WEST GREEN STREET

(17) The Director of the Physical Plant Department reports that the property at 1210 West Green Street, Urbana, has been offered for sale to the University. This is the largest lot in the area south of the Boneyard in the block bounded by Mathews Avenue, Green Street, Goodwin Avenue, and Springfield Avenue.

No action was taken on this offer.

PROPERTY AT 210 SOUTH MATHEWS AVENUE

(18) In December, 1935, the Board authorized the purchase of the property at 210 South Mathews Avenue at a cost of \$6,100. Improvements on this property consist of a two-story, frame and stucco building. The first floor is rented out

as a restaurant while the second floor is occupied by undergraduate student roomers.

The property has been leased, but at no profit. The building is in bad condition, and to put it in suitable shape will require a great amount of repairs. Under the circumstances the Physical Plant Department has been authorized to tear down the building at the expiration of the present lease on June 15.

This report was received for record.

SMOKING IN UNIVERSITY BUILDINGS

(19) The present University regulations relating to smoking in public buildings on the campus are based upon a provision in the "Rules for Government of Students" adopted by the Board December 8, 1891, which is as follows: "Smoking is not permitted in any of the public buildings of the University." There is also a provision in the regulations applying to undergraduate students forbidding smoking on certain areas of the campus.

Early in 1932 the Board considered a proposal to modify the regulations to permit smoking in certain areas. After considerable discussion the Board decided that it did not wish in any formal or recorded way to modify the regulations existing then regarding smoking in buildings, but it agreed informally that

1. The action relating to smoking in buildings is not to be interpreted as forbidding members of the staff from smoking in their private offices.

2. The practice of not permitting smoking on certain areas of the campus should be continued in keeping with a long standing tradition.

As a result of these deliberations the President of the University announced to the Deans, Directors, and Heads of Administrative and Academic Departments the following administrative smoking regulations:

1. The administration has no objection to members of the staff smoking in their offices under conditions which do not create a fire hazard. Such an interpretation of the Trustees' regulation is not objected to by the Board.

2. I ask all individuals concerned to cooperate in seeing that smoking does not go on in corridors, classrooms, teaching laboratories, and other places in which its presence would be objectionable or unsafe.

3. As the sentiment of the Board, and I understand a considerable faculty, student, and alumni sentiment, favors not smoking on certain traditional campus areas, I urge everyone to respect this tradition with the understanding that on special occasions and on areas on the campus where conditions bring about a difference in the situation (such, for example, as the tennis courts behind the Library) changes may occur from time to time.

Subsequent to this announcement the President of the University ruled that smoking in certain buildings (notably University Hall, Natural History Building, Old Agriculture Building, and several of the Engineering buildings) would not be permitted because of fire hazards which exist in those non-fireproof buildings.

Smoking on the campus and in University buildings, particularly by students, has become a serious problem. It seems desirable to bring the situation to the attention of the Board for its consideration and a review of existing regulations and practices.

This report was received for record; it was the sense of the Executive Committee that no change should be made in existing regulations and policies concerning smoking in public buildings.

RESOLUTION OF ILLINOIS BUILDERS LEAGUE

(20) The Secretary of the Illinois Builders League has sent the following resolution adopted by that organization at a meeting on April 5:

Whereas, it has been brought to the attention of the construction industry of the State of Illinois that the Physical Plant Department of the University of Illinois is engaging in construction work on a day labor basis, and that it is producing materials for its use on a non-competitive basis, and

Whereas, the Physical Plant Department not only invades the inherent rights of those who are engaged in construction work and in the marketing of materials, but that it offers to the University no guarantees of any kind as to either ultimate costs or results, and

Whereas, the University is educating persons to enter the construction field under the pretence that it is a fair, unlimited, and open field for the engagement of their professional services, and then deliberately invades that field by eliminating them from the customary and usual competition, and

Whereas, repeated protests to the University against this iniquitous practice has been without avail,

Therefore, be it resolved, by the Illinois Builders League in conference assembled at the Leland Hotel, Springfield, Illinois, this 5th day of April, 1938, that it protest to the University of Illinois against this encouragement of the spread of such a doctrine to other institutions, and it be urged to give consideration to the inherent rights of an industry which has maintained a tremendous invested capital for the service of those who require construction, who are tax payers in the State of Illinois, who have never urged the elimination of fair competition in the engagement of its services, which has held itself ready at all times to adequately and accurately serve the public, the state and its institutions, and

Be it further resolved, that the University of Illinois be urged to comply with similar conditions to that set up in the law for the State of Illinois and its other institutions; and

Be it further resolved, that a copy of this resolution be sent to His Excellency, Governor Horner, and other parties of interest.

This report was received for record.

POWER PLANT STUDIES

(21) The Advisory Committee on the Power Plant recommends that consulting engineers be employed to make studies of the Power Plant before any further major expenditures are made on the plant.

It is desirable that this study be undertaken and completed as soon as possible. I therefore recommend that the Board authorize the employment of engineers to make such a study and that an appropriation of \$5,000, or so much thereof as may be necessary, be made from the General Reserve Fund for this purpose.

On motion of Mr. Karraker, this appropriation was made as recommended, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

LOW-COST STUDENT RESTAURANT

(22) The Student Senate has submitted a request, supported by petitions signed by 1779 students, that the University establish a cooperative or low-cost restaurant in the present Illinois Union Building.

This matter has been under consideration for several weeks, and I have discussed it with representatives of the Men's Independent District Association (an organization of the non-fraternity undergraduate men), but no decision has been reached, and therefore I have no recommendation to make to the Board at this meeting. However, since the Student Senate has requested that this proposal be brought to the attention of the Board, I am presenting it at this time.

This report was received for record.

PETITION FOR UNDERGRADUATE COURSE IN "PREPARATION FOR MARRIAGE"

(23) The Student Senate (the student governing body of the University) requests that the University offer an undergraduate course in "Preparation for Marriage." The original proposal was received several weeks ago, and after

careful study by the Provost and other officers, the Student Senate was advised that the University would consider offering a course which would take the form of a series of lectures, open to all students, by one or more trained individuals with a proper professional background. The Student Senate has recently expressed its judgment that the most effective service can be given through a credit course on marriage open only to seniors, rather than through a series of lectures. This counter-proposal will, of course, be given due consideration by the proper officials, but since the Student Senate, through its General Welfare Committee, has requested that the matter be brought to the attention of the Board, I am presenting it at this time.

This report was received for record.

REQUEST OF ILLINOIS STATE FLORISTS' ASSOCIATION

(24) A request from the Illinois State Florists' Association that the University allocate more funds for research and extension work in floriculture than it has heretofore. A delegation from the Association is also here today to appear before the meeting in support of its request.

The following representatives of the Association were introduced: George J. Ball, President, West Chicago; William G. Loveridge, Secretary, Peoria; Leonard Vaughan, Chicago; P. A. Washburn, Bloomington; James Sykora, Chicago.

Dean H. W. Mumford and Professor J. C. Blair were also introduced.

Mr. Vaughan, acting as spokesman, presented a request that additional provision be made for work in floriculture in research and extension.

The Executive Committee took this matter under advisement.

LABORATORY FEE FOR SUMMER COURSE IN ANATOMY

(25) A request from the Dean of the College of Medicine for authorization to offer a summer review course for undergraduates in Anatomy to be known as "Course 80, Dissection" and covering a period of three months, approximately from June 10 to September 10, and that a laboratory fee of \$25.00 be established for this course.

On motion of Mr. Karraker, this fee was authorized as recommended.

PART-TIME SUMMER FEES IN THE COLLEGE OF DENTISTRY

(26) A recommendation that the following fees for part-time work in the College of Dentistry during the summer be authorized:

For six weeks or less—

Residents of Illinois:	Tuition.....	\$ 6 25
	Infirmary.....	6 25
		<u>\$12 50</u>
Non-residents of Illinois:	Tuition.....	11 25
	Infirmary.....	6 25
		<u>\$17 50</u>

For more than six weeks attendance the full summer term tuition and infirmary fee for full time work will be assessed. This is \$25.00 for residents (\$12.50, tuition, and \$12.50, infirmary fee), and \$35.00 for non-residents (\$22.50, tuition, and \$12.50, infirmary fee).

On motion of Mr. Karraker, these fees were authorized as recommended.

LABORATORY FEE IN HOME ECONOMICS

(27) A recommendation from the Dean of the College of Agriculture that the laboratory fee in Home Economics course No. 14 (Home Management) be increased from \$16.00 to \$25.00 for the Summer Session.

On motion of Mr. Karraker, this fee was authorized as recommended.

AGREEMENTS FOR DEVELOPMENT AND DISTRIBUTION OF CERTAIN VARIETIES OF SWEET CORN AND LIMA BEANS

(28) A report that the Secretary and Comptroller of the Board have been authorized to execute for the University agreements with the following companies for cooperation with the Agricultural Experiment Station in the development and further distribution of certain varieties of sweet corn and lima beans originated at the University:

1. Rogers Brothers Seed Company, of Chicago, two agreements, one covering sweet corn and the other lima beans.

2. McCrea Seed Company, Incorporated, of Santa Barbara, California, agreement covering the Illinois Baby Potato Lima Bean.

These agreements conform in all essential respects to the form used in similar agreements with other seedsmen.

On motion of Mr. Karraker, this action was confirmed.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(29) A report of the extension of the following agreements for cooperative investigations, the original agreement in each case having been approved by the Board of Trustees:

1. National Warm Air Heating and Air Conditioning Association, investigation of "Warm Air Furnaces and Furnace Heating Systems" for one year from April 15, 1938. The Association agrees to contribute \$5,000 for the research program during that period.

2. American Society of Heating and Ventilating Engineers, investigation of heating and ventilation for one year from August 1, 1938. The Society agrees to contribute \$600 for the research program during that period.

On motion of Mr. Karraker, this action was confirmed.

PURCHASES RECOMMENDED

(30) A recommendation that the following purchases be authorized:

1. Sheets, pillow cases, bed spreads, wash cloths, bath towels, and mattress pads for the McKinley Hospital as follows:

H. W. Baker Linen Company, New York City:

100 doz. sheets and 60 doz. pillow cases..... \$1 111 00

Marshall Field & Company, Chicago:

15 doz. Ripplette Bed Spreads..... 189 00

F. K. Robeson, Champaign:

5 doz. mattress pads..... 53 75

Carson Pirie Scott and Company, Chicago:

30 doz. wash cloths..... 20 70

G. C. Willis, Champaign:

30 doz. bath towels..... 105 00

Competitive quotations were secured on these supplies, and orders for the first three items were placed with the companies noted, or to the lowest bidder in each case; the last two are not the lowest quotations but in the opinion of a textile expert in the Department of Home Economics and the Superintendent of McKinley Hospital they are the best values.

2. Five 60-tray catalog cases from Remington-Rand, Incorporated, at a price of \$1,230 f.o.b. Urbana. This is a non-competitive item as these cases are

ordered to match equipment now in use and can be obtained only from this manufacturer.

3. Equipment for Agricultural Library:

8-48" x 102" Oak Library Tables-Pedestal Bases

4-48" x 156" Oak Library Tables-Pedestal Bases

from W. B. Read & Company, Bloomington, the lowest bidder.

4. 15,000 feet, first grade 13/16" x 2 1/4" maple flooring for the Physical Plant Department's stock, from the Missouri Hardwood Lumber Company, Kansas City, Missouri, the lowest bidder, at a price of \$1,155 f.o.b. Urbana.

5. Porcelain laboratory ware for the General Chemical Stores from E. H. Sargent & Company, Chicago, the lowest bidder, at a price of \$1,663.87 f.o.b. Urbana.

6. 450 cartons 11" x 15" bleached paper towels from W. B. Read & Company of Bloomington, the lowest bidder, at a price of \$3.39 per carton, f.o.b. Urbana.

7. One 200,000-volt deep-therapy X-ray unit consisting of generator, control board, shock-proof tube unit, oil cooling system and listed accessories, from the Picker X-Ray Corporation, the lowest bidder, at a net price (after allowance for present equipment which will be turned in as part payment) of \$4,695.00.

On motion of Mr. Karraker, these purchases were authorized as recommended.

STEAM BOILER INSURANCE

(31) The University carries insurance on all steam boilers and certain other high-pressure machinery. The policies expire May 1, 1938, and should be renewed at this time.

Sealed quotations on this insurance on the basis of uniform specifications were received and opened on April 15. With one exception (the American Employers Liability Assurance Corporation) the bids are uniform as to basic rates.

The Lumberman's Mutual Casualty Insurance Company writes a policy in which the policy holder participates in a dividend from the net earnings of the company, payable at the close of each policy year. While the dividend rate is not guaranteed, in the past several years it has amounted to 25 per cent of the premium. On this basis the net cost of a policy with this company would be 25 per cent, or \$1,118.60, less than that of other companies. The University would be required to pay the full amount of the premium, at the same rate as quoted by other companies except the American Employers Liability Insurance Corporation, but receive a refund at a later date as an offset to this payment. This dividend would make the Lumberman's Company's net premium rate the lowest of all quotations received.

The Purchasing Agent recommends, and the Director of the Physical Plant Department and the Comptroller concur, that this insurance be placed with the Lumberman's Mutual Casualty Insurance Company, of Chicago, for the next three years. The University Counsel has advised that it is entirely legal for the University to purchase a policy of this kind in such a company.

On motion of Mr. Karraker, this contract was awarded to the Lumberman's Mutual Casualty Insurance Company as recommended.

PURCHASES AUTHORIZED

(32) A report of the following purchases authorized by the President of the University in accordance with the University Statutes:

1. Chairs for the Auditorium (2,100) from the American Seating Company at a total price of \$14,774.00.

2. Carpet, draperies, and curtains for Auditorium stage from the Yaeger-Jacquín Company, Incorporated, Peoria, the lowest bidder, at a total cost of \$1,066.12.

3. Linoleum for the Auditorium, felt and paste for laying, from F. K. Robe-

son Department Store, Champaign, whose quotation was lowest, at a total price of \$2,319.72.

4. Black iron concrete pans and pan ends (853 pans and 186 pan ends) made from 20 gauge iron, for use in the Auditorium floor, from the Champaign Sheet Metal Works, the lowest bidder, at a price of \$1,031.00.

5. Book paper, 900 reams 25 x 38-40 lb. special English finish, for use in printing the Annual Register, from Dwight Brothers Paper Company, Chicago, the lowest bidder, at a price of \$1,584.00.

6. Automobile insurance on fleet of 56 passenger cars and 49 trucks (coverage in each case: property damage \$5,000, public liability \$25,000/50,000), from the Burton and Trelease Agency, representing the Indemnity Insurance Company of North America, the lowest bidder, at a total premium of \$1,130.96.

7. One car yearling ewes at an approximate cost of \$1,300.00.

8. 40 Hereford heifers at an approximate cost of \$3,000.00.

On motion of Mr. Karraker, the action of the President of the University authorizing these purchases was confirmed.

TRANSFER OF PHRENOLOGICAL COLLECTION TO PSYCHOLOGICAL MUSEUM

(33) In February, 1917, the Department of Psychology purchased at a cost of \$341 a phrenological collection of head models, which in 1934 was turned over by the Department of Psychology to the Department of Anatomy in the College of Medicine. Since neither department has further use for this collection, the heads of the two departments and the Dean of the College of Medicine propose that it be placed in the Psychological Museum in Chicago, which is being established under the direction of Dr. David P. Boder, of the Department of Psychology at Lewis Institute, as an historical exhibit.

I recommend that this collection be lent to the Psychological Museum.

On motion of Mr. Karraker, the transfer of this collection was authorized as recommended.

REPORTS ON CARTER-PENNELLS FARMS

(34) The fifteenth annual report of the Carter-Pennell Farms covering the farm year, March 1, 1937, to February 28, 1938. This report covers the operation of the two farms in Vermilion County held by the Board of Trustees of the University under a deed from the late Joseph Carter and Jane P. Carter, of Rankin, creating a trust for educational purposes (Minutes of March 13, 1923, page 149). The net proceeds from these trust farms are used as a loan fund to aid students.

The report indicates a net income of \$1,199.64 from the two farms, about \$60 less than the income of the preceding year. Otherwise, the earnings were the best the farms have shown since 1930.

It is customary for the Board to refer these reports to its Committee on Agriculture for consideration and recommendation.

This report was referred to the Committee on Agriculture for consideration and report.

REVOCATION OF C. P. A. CERTIFICATE OF PAYSOFF TINKOFF

(35) At its meeting on March 18 the Board referred to the Committee on General Policy the report of the Committee on Accountancy on the complaint of the Illinois Society of Certified Public Accountants against Mr. Paysoff Tinkoff with the recommendation that his certificate as a Certified Public Accountant be revoked.

Formal notice had been served, more than twenty days before the meeting, on the respondent, Paysoff Tinkoff, that the Board would consider the report of the Committee on Accountancy and of its own Committee on General Policy at four o'clock this afternoon, and hear anything Mr. Tinkoff might have to offer.

Mr. Tinkoff was introduced; also Professor W. E. Britton, Chairman of the Committee on Accountancy, who was sworn as a witness by Miss Anna L. Neuber. Miss Louise Lietz acted as reporter.

Judge Johnson introduced as evidence the transcript of the hearing of November 19, 1937, and of the adjourned session of December 10, 1937, conducted by the University Committee on Accountancy, and exhibits 2-18 inclusive, documents pertaining to the charges against Mr. Tinkoff.

The time from 4:30 to 8 p.m. was spent in hearing various objections and motions on the part of Mr. Tinkoff.

At 8 p.m., on motion of Mr. Karraker, the Executive Committee adjourned, to meet at the University, in Urbana, at 9 o'clock a.m. on Saturday, May 14, 1938, to continue the hearing. The respondent, Paysoff Tinkoff, agreed to this time.

H. E. CUNNINGHAM, *Clerk*

OSCAR G. MAYER, *Chairman*
O. M. KARRAKER

SECOND SESSION, APRIL 27, 1938

When the Board convened after the recess, there was no quorum.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Ades, Harlow W., Assistant in Zoology, on one-half time, beginning May 1, 1938, and continuing through June 30, 1938, at a cash compensation of sixty dollars (\$60) a month (this supersedes his previous appointment). (April 15, 1938)¹

Benner, Thomas E., to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of nine hundred dollars (\$900) for the session. (April 9, 1938)

Boyd, Mrs. Ella, Director of Social Activities in the Mary E. Busey Hall, for the Summer Session of 1938, beginning July 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of sixty-five dollars (\$65) a month, and maintenance, including living quarters, board, and personal laundry, while on duty. (April 5, 1938)

Browne, Robert B., to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of six hundred sixty-six dollars sixty-six cents (\$666.66) for the session. (April 9, 1938)

Coombe, J. V., Special Research Assistant in Civil Engineering, in the Engineering Experiment Station, beginning March 1, 1938, and continuing until further notice, at a cash compensation at the rate of one hundred ninety dollars (\$190) a month (this supersedes his previous appointment). (March 23, 1938)

Dubé, Paul H., Assistant and Second Year Resident in the Department of Orthopaedics, in the College of Medicine, beginning April 1, 1938, and continuing through June 30, 1938, with a vacation allowance on the basis of three weeks a year, the cash compensation being at the rate of eight hundred dollars

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

(\$800) a year, plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare. (March 31, 1938)

Edmundson, Mrs. Constance Hess, Senior Stenographer in the Office of the Dean of the College of Education, beginning May 10, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (April 20, 1938)

Fletcher, Harris F., to give instruction in English, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of four hundred fifty dollars (\$450) for the session. (April 9, 1938)

Frederick, Charles R., Assistant Dean of Men, beginning April 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of three thousand dollars (\$3,000) a year (this supersedes his previous appointment). (March 18, 1938)

Gravett, H. L., to give instruction in Zoology, on two-fifths time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred dollars (\$100) for the session. (April 5, 1938)

Griffith, Coleman R., to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of nine hundred dollars (\$900) for the session. (April 9, 1938)

Hackett, Robert P., to give instruction in Accountancy, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of five hundred dollars (\$500) for the session. (April 9, 1938)

Hinkel, Delta, to give instruction in Physical Education for Women, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred ninety dollars (\$190) for the session. (March 26, 1938)

Matlock, Mrs. Ruth, Stenographer in the Office of the Dean of the College of Commerce, for five months beginning April 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred (\$100) a month. (April 5, 1938)

McCabe, J. O., Assistant and Senior Resident in the Department of Orthopaedics, in the College of Medicine, beginning April 1, 1938, and continuing through June 30, 1938, with a vacation allowance on the basis of three weeks a year, the cash compensation being at the rate of one thousand dollars (\$1,000) a year, plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare (this supersedes his previous appointment). (March 31, 1938)

Monroe, Walter S., to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of nine hundred dollars (\$900) for the session. (April 9, 1938)

Murphy, Lawrence W., to give instruction in Journalism, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of eight hundred thirty-three dollars thirty-three cents (\$833.33) for the session. (April 9, 1938)

Palmer, Cyrus E., to give instruction in Education, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of four hundred sixteen dollars sixty-seven cents (\$416.67) for the session. (April 9, 1938)

Sanford, Charles W., to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of six hundred thirty-three dollars thirty-three cents (\$633.33) for the session. (April 9, 1938)

Smith, Mrs. Mabel P., Director of Social Activities in the Laura B. Evans Hall, for the Summer Session of 1938, beginning July 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of sixty-five dollars (\$65) a month, and maintenance, including living quarters, board, and personal laundry, while on duty. (April 5, 1938)

Spaeth, J. Nelson, Professor of Forestry and Head of the Department, in the College of Agriculture, and Chief in Forestry, in the Agricultural Experiment Station, beginning June 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of five thousand five hundred dollars (\$5,500) a year. (March 18, 1938)

Sprague, Victor, Assistant in Zoology, on one-half time, beginning April 1, 1938, and continuing through June 30, 1938, at a cash compensation of sixty dollars (\$60) a month (this supersedes his previous appointment). (April 15, 1938)

Staley, Seward C., to give instruction in Physical Education for Men, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of nine hundred dollars (\$900) for the session. (April 9, 1938)

Szurek, S. A., Associate in Psychiatry, in the College of Medicine, for one year beginning September 1, 1937, without salary (this is in addition to his appointment as Psychiatrist on the Rockefeller Foundation Grant). (March 23, 1938)

Thornberry, H. H., Assistant Chief in Plant Pathology, in the Department of Horticulture, in the Agricultural Experiment Station, beginning April 1, 1938, and continuing through August 31, 1939, at a cash compensation at the rate of two thousand eight hundred dollars (\$2,800) a year. (March 17, 1938)

Warner, Lyla Winifred, Clerk and Stenographer in the Department of English, beginning April 1, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (March 31, 1938)

Williams, Lewis W., to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of five hundred thirty-three dollars thirty-three cents (\$533.33) for the session. (April 9, 1938)

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Secretary presented also for record the following list of graduate scholars and fellows appointed by the President of the University on March 28, 1938.

Agronomy.....	Werner L. Nelson.....	Fellowship.....	\$500
Animal Husbandry.....	Lorin E. Harris.....	Fellowship.....	500
Botany.....	Phyllis L. Cook.....	Fellowship.....	600
	Dorothy Turner.....	Scholarship.....	...
Business Organization and Operation and Accountancy.....	Raymond Einhorn.....	Fellowship.....	500
Chemistry.....	Marvin D. Armstrong, Jr.....	Scholarship.....	300
	Lealyn B. Clapp.....	Scholarship.....	...
	Freda S. Decker.....	Scholarship.....	300
	Harold G. Cooke, Jr.....	Fellowship.....	500
	Joseph R. Downing.....	Fellowship.....	500
	Lowell D. Eubank.....	Fellowship.....	600
	Wesley O. Fugate.....	Fellowship.....	600
	Robert C. Gunther.....	Scholarship.....	...

Chemistry (<i>continued</i>) . . .	Charles E. Holley	Fellowship	500
	Marian L. Kabler	Scholarship	300
	Carl B. Kretschmer	Scholarship	300
	John C. Lawler, Jr.	Scholarship	300
	Robert W. Long	Scholarship	300
	A. Vern McIntosh, Jr.	Scholarship	300
	Edward J. Matson	Fellowship	600
	Donald B. Melville	Fellowship	500
	Ferdinand C. Meyer	Scholarship . . . . .	...
	Neil S. Moon	Fellowship	600
	Donald F. Peppard	Fellowship	500
	Robert L. Pigford	Scholarship	300
	William C. Risser	Fellowship	500
	Carl L. Rollinson	Fellowship	600
	James L. d'A. Roth	Scholarship	300
	Samuel L. Scott	Fellowship	500
	Gerald W. Sears	Scholarship	300
	Harry H. Sisler	Fellowship	600
	Carleton A. Sperati	Scholarship	300
	Howard M. Teeter	Fellowship	500
	David Turnbull, Jr.	Fellowship	600
	William W. Williams	Fellowship	600
Classics	William R. Jones	Fellowship	500
Economics	Grundy Steiner	Fellowship	500
	Claude D. Baldwin	Fellowship	500
	Edward L. Barrett, Jr.	Scholarship	300
	Donald B. Marsh	Fellowship	500
	Peter Masiko, Jr.	Fellowship	600
Education	Kenneth L. Trefftz	Fellowship	600
	Charles E. Meyers	Fellowship	500
	Paul A. Sims	Scholarship	300
Civil Engineering	Robert M. Mains	Scholarship	300
English	Lillie Pearl Alexander	Scholarship . . . . .	...
	Claude W. Faulkner	Fellowship	500
	Willard J. Friederich	Scholarship	300
	Donald R. Fryxell	Scholarship . . . . .	...
	Dorothy F. Golden	Scholarship . . . . .	...
	Charlotte H. Johnston	Scholarship	300
	Edgar W. Lacy	Fellowship	600
	Anne D. Leitner	Scholarship	300
	Betty L. Mackey	Scholarship . . . . .	...
	Kenneth O. Emery	Fellowship	500
Geology	Emory K. Rees	Fellowship	500
German	John C. Greene	Scholarship	300
History	Carl G. Gustavson	Fellowship	500
	Richard R. Gwin	Scholarship . . . . .	...
	Marvin E. Lowe	Fellowship	600
	Robert D. Ochs	Fellowship	600
	David M. Silver	Fellowship	500
	Lloyd Sorenson	Scholarship	300
Mathematics	Paul H. Anderson	Fellowship	500
	Sherwin P. Avann	Scholarship	300
	Ross A. Beaumont	Fellowship	600
	Benjamin Epstein	Fellowship	500
	Robert W. Gibson	Scholarship	300
	Richard A. Leibler	Fellowship	600
	Donald C. May, Jr.	Scholarship	300
	Vladimir Morkovin	Fellowship	500
	Ellen M. Smith	Scholarship . . . . .	...
	Chester W. Topp	Scholarship	300
Physics	Joseph R. Dillinger	Scholarship	300
	Philip R. Gillette	Scholarship	300

	Marguerite M. Rogers.....	Fellowship.....	500
	Robert Rogers.....	Fellowship.....	600
	Horton G. Stever.....	Scholarship.....	300
Political Science.....	Ling Tung.....	Fellowship.....	600
	Clara E. Vivian.....	Fellowship.....	500
Romance Languages.....	George M. Oudyn.....	Fellowship.....	500
	Jean Saba.....	Fellowship.....	500
Sociology.....	Mildred M. Gilmore.....	Scholarship.....	...
	Martha J. Powell.....	Scholarship.....	...
Zoology.....	Charles T. Black.....	Fellowship.....	600
	Martha L. Bozeman.....	Fellowship.....	600
	Stephen W. Gray.....	Fellowship.....	600
	Marian Frances James.....	Scholarship.....	...
	Ralph D. Lowell.....	Scholarship.....	...
	Carl J. Marienfeld.....	Scholarship.....	...
	Edna Mae Pratt.....	Fellowship.....	600
	Dorothy K. Sparrow.....	Scholarship.....	300

CARR FELLOWSHIP

Chemistry.....	Alfred A. Johnson.....	Fellowship.....	500
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DOW FELLOWSHIP

Chemistry.....	William R. Dial.....	Fellowship.....	600
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DUPONT FELLOWSHIP

Chemistry.....	Charles L. Levesque.....	Fellowship.....	750
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GEORGE F. SMITH CHEMICAL COMPANY FELLOWSHIP

Chemistry.....	Frederick R. Duke.....	Fellowship.....	750
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SOLVAY FELLOWSHIP

Chemistry.....	Theodore J. Cairns.....	Fellowship.....	600
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ELI LILLY FELLOWSHIP

Chemistry.....	Michael Sveta.....	Fellowship.....	750
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ILLINOIS BANKERS ASSOCIATION FELLOWSHIP

Economics.....	Warren K. Confer.....	Fellowship.....	500
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The Secretary presented also for record the following supplementary list of graduate scholars and fellows appointed by the President of the University on April 20, 1938.

Chemistry.....	Joseph Dec.....	Fellowship.....	\$500
	Evan C. Horning.....	Fellowship.....	500
	Charles H. McBurney.....	Fellowship.....	600
	Herbert D. Rhodes.....	Fellowship.....	500
	Robert Rowan, Jr.....	Fellowship.....	500
Economics.....	Edward J. Pelz.....	Scholarship.....	300
English.....	Robert V. Bauer.....	Fellowship.....	500
	Paul J. Cooke.....	Fellowship.....	600
History.....	Benjamin Rigberg.....	Scholarship.....	300
Political Science.....	Myron R. Blee.....	Scholarship.....	...
Zoology.....	Marian Frances James.....	Scholarship.....	300
	(this supersedes her previous appointment)		

KATHARINE L. SHARP SCHOLARSHIP

Library Science.....	Felix E. Snider.....	Scholarship.....	300
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RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

The Secretary presented also for record the following list of resignations, declinations, and cancellations.

Avann, Sherwin P., Scholar in Mathematics—declination effective September 1, 1938.

Baker, Robert H., to give instruction in Astronomy, in the Summer Session of 1938—declination effective June 20, 1938.

Barrett, Edward L., Jr., Scholar in Economics—declination effective September 1, 1938.

Cassity, C. R., Assistant in Mathematics—resignation effective March 21, 1938.

Dillinger, Joseph R., Scholar in Physics—declination effective September 1, 1938.

Dunlap, Glen L., Associate in Animal Pathology and Hygiene, in the Agricultural Experiment Station—resignation effective May 6, 1938.

Fryxell, Donald R., Scholar in English—declination effective September 1, 1938.

Gustavson, Carl G., Fellow in History—declination effective September 1, 1938.

Hill, Roscoe E., Assistant in Zoology—resignation effective April 1, 1938.

Johnston, Charlotte H., Scholar in English—declination effective September 1, 1938.

Leimbacher, E. S., Assistant and Senior Resident in the Department of Orthopaedics, in the College of Medicine—resignation effective April 1, 1938.

Long, Robert W., Scholar in Chemistry—declination effective September 1, 1938.

Mains, Robert M., Scholar in Civil Engineering—declination effective September 1, 1938.

May, Donald C., Jr., Scholar in Mathematics—declination effective September 1, 1938.

Medcof, J. C., Assistant in Zoology—resignation effective May 1, 1938.

Meyers, Charles E., Fellow in Education—declination effective September 1, 1938.

Mitchell, D. R., Associate Professor of Mining and Metallurgical Engineering, in the College of Engineering—resignation effective September 1, 1938.

Morkovin, Vladimir, Fellow in Mathematics—declination effective September 1, 1938.

Powers, Kathryn, Clerk and Stenographer in the Department of English—cancellation effective as of November 8, 1937.

Rogers, Marguerite M., Fellow in Physics—declination effective September 1, 1938.

Smith, DaVon, Assistant Mechanician in the Department of Physics, in the College of Engineering—resignation effective April 16, 1938.

Sparrow, Dorothy K., Scholar in Zoology—declination effective September 1, 1938.

Stever, Horton G., Scholar in Physics—declination effective September 1, 1938.

Turner, Florence Olivia, Stenographer in the Department of Animal Husbandry—resignation effective April 4, 1938.

Weed, Mrs. Katherine K., to give instruction in Library Science, in the Summer Session of 1938—declination effective June 20, 1938.

Wilson, Lawrence A., Junior Accountant in the Business Office—resignation effective May 10, 1938.

The Board adjourned, to meet on the call of the President.

H. E. CUNNINGHAM

Secretary

OSCAR G. MAYER

President

EXECUTIVE COMMITTEE MEETING, MAY 14, 1938

The Executive Committee of the Board of Trustees of the University of Illinois met at the University, in Urbana, at 9 o'clock a.m. on Saturday, May 14, 1938.

Mr. Oscar G. Mayer, Chairman, and Mr. Orville M. Karraker, member of the Committee, were present; also President Willard, Mr. A. J. Janata, Assistant to the President, and Judge Sveinbjorn Johnson, University Counsel.

REVOCATION OF C. P. A. CERTIFICATE OF PAYSOFF TINKOFF

Mr. Paysoff Tinkoff, respondent, having been introduced, Mr. Mayer announced that the meeting was open to the hearing of any testimony on behalf of the respondent, in the following statement:

The hearing will now proceed. It is now open to the respondent, Mr. Tinkoff, to offer whatever testimony he may have in answer to the charges filed. I suggest to all counsel that they confine themselves to the presentation of pertinent testimony in view of the charges made. Counsel are advised that objections to questions should be made without argument, that the chair will rule on the objections, either sustaining or overruling them, whereupon, however, no arguments will be entertained, on either side. After both sides have presented such testimony as they may have, or made offers of proof in case objections to testimony are sustained, and when both sides have rested, the Executive Committee will consider a request for the filing of a brief, thereby enabling all parties in interest to present whatever arguments or reasons they may have either for or against the revocation of the certificate of Mr. Tinkoff, against whom charges have been filed, or on any other relevant matters. The chair wants to make it clear to all parties and their counsel that it is the desire of the Committee that the hearing proceed without any unreasonable delay, that dilatory tactics will not be tolerated from any source, and that while the fullest opportunity will be accorded all parties to present testimony bearing on the charges, no procedure calculated to delay unjustifiably the progress of the hearing will be permitted.

Miss Louise Lietz acted as reporter. A copy of her stenographic report of the proceedings is filed with the Secretary of the Board. The following witnesses who were called by the respondent, testified under oath administered by the Secretary of the Board, who is a Notary Public: Judge Sveinbjorn Johnson, Professor William E. Britton, Mr. Paysoff Tinkoff.

At the conclusion of the hearing, at 1:25 p.m., the respondent was allowed forty days to file his brief, with ten days for each side to file the replies.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Executive Committee considered the following matters presented by the President of the University.

**INSTALLATION OF AIR-CONDITIONING SYSTEM IN
LINCOLN HALL THEATRE**

(1) The budget for the current year (1937-1938) includes an item of \$20,000 for the installation of an air-conditioning system in the Lincoln Hall Theatre. The Physical Plant Department submits the following schedule of bids received, and an analysis of the cost of this installation plus certain additional expenses incidental thereto.

REVISED BIDS ON AIR-CONDITIONING LINCOLN HALL THEATRE

<i>Bidders</i>	<i>Carrier Corp.</i>	<i>Meyer Furnace Corp.</i>	<i>Mid-State Engr. Co.</i>	<i>Burge Ice Machine</i>	<i>Westerlin & Campbell</i>
Base Bids:					
One compressor.....	\$18 750	\$17 607	.....	\$17 781	\$18 040
Two compressors.....	.....	.....	\$17 949	18 012	.....
Alternate No. 1:					
Add for self-cleaning oil filter...	1 016	1 197	1 525	1 072	1 352
Alternate No. 2:					
Add for pan type humidifier....	372	290	409	349	365
Alternate No. 3:					
Add for pipe covering (water, steam & Freon).....	321	376	332	333	360
Alternate No. 4:					
Add for painting as specified...	555	150	160	572	205

ESTIMATED COSTS OF AIR-CONDITIONING
LINCOLN HALL THEATRE

Base Bid.....	\$17 607
Additions:	
1. Alternate No. 2 for pan humidifier.....	\$290
2. Alternate No. 3 for pipe covering.....	376
3. Alternate No. 4 for painting.....	150
	<u>816</u>
Proposed Change Orders:	
1. Use of copper and welded piping in accordance with original specifications.....	269
2. Provision of reduced voltage starter for fan.....	137
	<u>406</u>
Encumbrances to Date:	
1. Engineer's fees.....	860
2. Advertisements for bids.....	13
	<u>873</u>
	\$19 702
Other Anticipated Expenses:	
1. Additional Engineer's fees.....	65
2. Restoring covering to all ducts.....	1 514
3. Costs incidental to provision of new transformers, power panel and wiring thereto, by Physical Plant Department..	2 400
4. Cutting openings for Contractor, patching and other incidental work by the Physical Plant Department incident to installation of system.....	1 100
5. Reserve for contingencies.....	219
	<u>5 298</u>
Total Estimated Cost.....	\$25 000

I concur in the recommendation of the Physical Plant Department that the contract be awarded to the Meyer Furnace Company, its base bid being \$17,607, plus the additions and change orders shown in the analysis of estimated costs. While the cost of installation of the system can be kept within the original appropriation, in my judgment the incidental work should be done at the same time, as this will result in economy of installation and of operation. In former years, when it was not necessary to make up the University's budget on the present close basis, the Physical Plant Department had a fund for general building improvements against which most of these incidental expenses could have been properly charged; but for several years it has not been possible to include such an item in the budget, thus necessitating special assignments from the General Reserve Fund from time to time for various purposes as the free balance permitted. Accordingly I recommend that a supplementary appropriation of \$5,000 be made from the General Reserve Fund for this work.

On motion of Mr. Karraker, the award of this contract was authorized as recommended, and the appropriation was made, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

AUTHORITY TO CONFER DEGREES IN JUNE

(2) A request for authority to confer degrees in June and in August on candidates who will complete the requirements for such degrees, on recommendation of the University Senate at its June meeting.

On motion of Mr. Karraker, these degrees were authorized.

RESOLUTION AUTHORIZING APPLICATION FOR FEDERAL FUNDS FOR STUDENT CENTER BUILDING PROJECT

(3) The University has been advised by the Federal Emergency Administration of Public Works that it should file a new application for a grant to aid in the construction of a Student Center or Union Building, as all such applications are being considered anew. Accordingly, I submit the following resolution:

Whereas, The University of Illinois should file a new application with the Federal Emergency Administration of Public Works for the erection of a student union building or dormitories, or both, renewing the one which the Board of Trustees of the University of Illinois authorized at its meeting on June 29, 1936, recorded on page 781, Transactions of the Board of Trustees of the University of Illinois, 1934-1936,

Now, therefore, be it resolved, by the Executive Committee of the Board of Trustees of the University of Illinois:

Section 1. That A. C. Willard be, and he is, authorized to execute and file an application on behalf of the Board of Trustees of the University of Illinois to the United States of America for a loan and grant or grant to aid in financing the construction of a student union building.

Section 2. That A. C. Willard is hereby authorized and directed to furnish such information as the United States of America through the Federal Emergency Administration of Public Works may reasonably request in connection with the application which is herein authorized to be filed.

On motion of Mr. Karraker, this resolution was adopted.

HONORARIUM FOR PROFESSOR E. L. BOGART

(4) When a prominent speaker from outside of the faculty is secured to deliver the address at the Commencement exercises it is customary to pay him an honorarium for his service. This year Professor E. L. Bogart, of the Department of Economics, who will retire in September, has been asked to deliver the address. Since Professor Bogart is being asked to render this service in addition to his regular duties, I recommend that he be given an honorarium of \$200 and that his compensation for the month of June be increased by that amount (to be charged to the appropriation for Commencement expenses).

On motion of Mr. Karraker, the payment of this honorarium was authorized as recommended.

NATURAL RESOURCES BUILDING

(5) A statement concerning the proposed Natural Resources Building.

At this point, Mr. Karraker presented the following report of the Committee on General Policy.

REPORT OF COMMITTEE ON GENERAL POLICY

Pursuant to the instructions of the Board on March 18, 1938 (Minutes, page 663), the Committee on General Policy met in Springfield on May 4 to confer with the Governor, the Director of the Department of Registration and Education, and other representatives of the Board of Natural Resources and Con-

ervation, about the construction of a State Natural Resources Building on the Campus of the University. It had not been possible to arrange this conference for an earlier date. The following were present:

Governor Henry Horner
 Judge M. E. Cox, Assistant Attorney General
 Representing the Board of Natural Resources and Conservation:
 John J. Hallihan, Director, Department of Registration and Education and
 Chairman of the Board
 Professor E. S. Bastin
 Dr. T. H. Frison, Chief, State Natural History Survey
 Dr. M. M. Leighton, Chief, State Geological Survey
 Representing the Board of Trustees and the University:
 Karl A. Meyer }
 O. M. Karraker } Committee on General Policy
 James M. Cleary }
 President A. C. Willard
 Judge Sveinbjorn Johnson, University Counsel
 A. J. Janata, Assistant to the President

The Committee advised the Governor and the Representatives of the Board of Natural Resources and Conservation that the alternative agreement submitted by the Department of Registration and Education did not meet with the approval of the Board of Trustees. The agreement was gone over in detail, and the Committee pointed out in what respects it differs from that proposed by the Board of Trustees.

After discussion of the various points at issue, the agreement was modified in several particulars to protect the interests of both parties thereto. Following the conference with the Governor, additional changes were made by the Committee on General Policy and submitted to the Director of the Department of Registration and Education and the other representatives of the Board of Natural Resources and Conservation who approved them.

The Committee recommends approval of the agreement as revised in this conference, a copy of which is appended to this report.

Respectfully submitted,

COMMITTEE ON GENERAL POLICY

O. M. KARRAKER
 KARL A. MEYER
 JAMES M. CLEARY, *Chairman*

AGREEMENT BETWEEN THE DEPARTMENT OF REGISTRATION AND EDUCATION AND THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS IN RELATION TO THE CONSTRUCTION OF A NATURAL RESOURCES BUILDING FOR THE STATE SCIENTIFIC SURVEYS ON THE CAMPUS OF THE UNIVERSITY OF ILLINOIS

Whereas, Section 62, Chapter 127, Illinois Revised Statutes of 1937, requires the trustees of the University of Illinois to provide buildings and places where may be performed the functions and duties formerly exercised by the State entomologist, the State Laboratory of Natural History, the State Water Survey, and the State Geological Survey, but which functions and duties since 1917 have been and are now vested in the Department of Registration and Education, and

Whereas, the University has been housing the Scientific Surveys since 1917 and prior thereto since their organization, in various buildings and places, and also supplying maintenance including light, heat, water, power, and janitor service, and

Whereas, the present buildings and places provided by the University for such purposes are inadequate therefor, Section 2 of Senate Bill 444, hereinafter described was introduced and enacted authorizing the construction of a Natural

Resources Building on the campus of the University, and also providing that cooperative agreements may be entered into with Federal agencies by which additional funds may be secured from the Federal government, and further providing that an agreement may be entered into between the Department of Registration and Education and the Trustees of the University of Illinois that the University shall in consideration of the cooperation of the Surveys with the University, maintain such buildings in good repair and condition inside and outside, maintain the grounds and furnish light, heat, power, and water and janitor service at no expense to the Department of Registration and Education, thereby carrying out the present agreement that the University of Illinois house such Surveys:

Therefore, the following agreement, made and entered into this fourteenth day of May, 1938, between the Board of Trustees of the University of Illinois, hereinafter called the University, and the Department of Registration and Education of the State of Illinois, hereinafter referred to as the Department, is hereby made for the design, construction, operation, and maintenance of the physical property of a State Natural Resources Building for the scientific Surveys, pursuant to Section 2 of an Act entitled "An Act to provide for the ordinary and contingent expenses of certain divisions of the Department of Registration and Education until the expiration of the first fiscal quarter after the adjournment of the next regular session of the general assembly," approved July 1, 1937, and pursuant to Section 62 aforesaid:

1. In consideration of these premises, the University agrees to provide a site for the construction of a Natural Resources Building of the most suitable and complete type possible within the appropriation made available by the Legislature and funds received from the Federal government, either or both, for such purpose and which may be provided by the Department, upon the terms and subject to the conditions hereinafter set forth:

a. The site for the building, proposed by the University and offered for the purposes of this Agreement, is described as follows: An area bounded by Pennsylvania Avenue, Sixth Street, South Drive and Broadwalk, the latter three all extended, approximately 270 feet by 600 feet, immediately West of the Stock Pavilion.

(1) Such of the above described area as is necessary for immediate construction purposes is now released.

(2) Additional tracts of the said area will be released as work progresses and as the space, in the opinion of the Board of Natural Resources and Conservation of the Department and of the Board of Trustees of the University is required for the aforementioned purposes.

(3) The University will remove the Animal Pathology Building and the Military Stables and clear the ground at as early a date as reasonably may be done.

(4) All future buildings and improvements to be used by the Surveys and constructed on this area will also be subject to this agreement.

b. The Department will design, prepare plans and specifications, and supervise the construction of the Natural Resources Building; in doing this the Department will meet the needs, aims, purposes, and objectives of the Surveys, and such plans, specifications, and design will be best calculated to further such ends and objectives, and will be subject to such restrictions as may be imposed by the Federal Emergency Administration of Public Works in the event that a loan or grant be forthcoming from said agency. Plans and specifications for the building shall be submitted to the Board of Trustees for approval before the Department advertises for bids. Contemplated contracts shall be submitted to the Board of Trustees for approval before contracts are awarded. Such contracts shall be awarded only to the lowest responsible bidder. As provided in Section 2 of Senate Bill 444, the expense of extending all service lines to said building shall be paid out of the appropriation made in said Section.

c. The program and activities of the Surveys, as determined by the Statutes, in the buildings shall be determined by the Board of Natural Resources and Conservation of the Department.

d. The University will maintain and operate the building at its own expense, and keep it in good repair and condition inside and outside. It is understood that in assuming the obligation to maintain and operate the building, the University does not bind itself beyond its available financial resources. Except as otherwise expressly stated, it is understood that the phrase, "operate and maintain," in this agreement means, and is limited to maintenance of building and grounds, heat, janitor service, light, power, and water, but not gas used for research investigations, at no expense to the Department. The University reserves the power, as in the case of all other buildings maintained and operated by it, and of space heretofore provided the Surveys aforesaid, to make such reasonable rules and regulations concerning the use of said building as it may deem necessary, consistent with the purposes and objectives of the scientific Surveys.

e. Nothing herein contained shall in any way affect the present occupancy of the State Water Survey Division of the Department which is now being housed and will continue to be housed by the University in the Chemistry Building.

DEPARTMENT OF REGISTRATION AND EDUCATION
OF THE STATE OF ILLINOIS

by JOHN J. HALLIHAN
Director

THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS

by OSCAR G. MAYER
President
H. E. CUNNINGHAM
Secretary

On motion of Mr. Karraker, the report of the Committee on General Policy was received and adopted, and the execution of the agreement was authorized.

LEAVE OF ABSENCE FOR MARY LOUISE CHASE

(6) Miss Mary Louise Chase, Assistant State Leader of Home Advisers and Associate in the Home Economics Extension Service, applied for a leave of absence for six months from July 1, 1938, on full pay. She is not eligible for a sabbatical leave of absence, under the statutes, but because she is on the Extension staff and her salary is paid entirely from Federal funds, her case was submitted to the Graduate School Research Board along with others applying for sabbatical leaves during 1938-1939. The Research Board included her in its recommendations for leaves which were presented to the Board of Trustees at its meeting on February 11, 1938, but through an error her name was listed with those applying for leave of absence for a full year on one-half pay instead of as an applicant for leave of absence for one-half a year on full pay.

Leaves of absence granted members of the Extension staff of the College of Agriculture, whose salaries are paid entirely from Federal funds, require approval by the United States Department of Agriculture.

The Department is unable to approve a leave of absence with pay for travel in Europe, and therefore Miss Chase desires to take that part of her leave involving foreign travel without pay on her own time and at her own expense. The Dean of the College of Agriculture recommends, and I concur, that she be granted leave of absence for two months without pay from July 1, 1938, to August 31, 1938, and five months with full pay from September 1, 1938, to January 31, 1939, instead of the leave previously granted her.

On motion of Mr. Karraker, this leave was granted as recommended, and the record was corrected accordingly.

LEAVES OF ABSENCE

(7) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Miss Mary V. Buckley, Senior Stenographer in the Department of Psychiatry of the College of Medicine, leave of absence without pay for six months from July 1, 1938, to January 1, 1939, in addition to the vacation to which she is entitled, on account of illness.
2. Miss Edna M. Brown, Cataloger in the Library, leave of absence during the month of July, with full pay, in addition to her regular vacation allowance of one month, for the purpose of study and travel in Mexico.
3. Miss Cleo Lichtenberger, Catalog Reviser in the Library, leave of absence for one month, without pay, in addition to her regular vacation allowance of one month, for the purpose of travel abroad.
4. Mr. L. W. Phillips, Assistant in Physics, leave of absence with pay from April 18 to May 4, 1938, on account of illness.
5. Miss Waunetta Kruse, Stenographer in the Division of University Extension, leave of absence without pay from May 11, 1938, and continuing until further notice, on account of illness.
6. Mr. Henry A. Lepper, Special Research Graduate Assistant in Theoretical and Applied Mechanics, leave of absence with pay from April 16 to May 2, 1938, on account of illness.
7. Mr. Chester P. Siess, Special Research Graduate Assistant in Theoretical and Applied Mechanics, leave of absence with pay from February 28 to April 10, 1938, on account of illness.
8. Dr. Minas Joannides, Associate in the Department of Surgery, leave of absence from May 7 to September 1, 1938, because of illness. Doctor Joannides is on the Clinical staff and receives no salary.
9. Mr. J. K. Tuthill, Associate Professor of Railway Electrical Engineering, leave of absence with full pay from May 2 to July 1, 1938, on account of illness. The Department is carrying on his work without additional expense to the University.
10. Dr. E. H. Williams, Associate Professor of Experimental Physics, leave of absence with full pay from May 6 to July 1, 1938, on account of illness. The Department is carrying on his work without additional expense to the University.
11. Mrs. Marie M. Daugherty, Home Adviser in Woodford County, leave of absence from June 20 to August 13, 1938, two weeks with pay and ten days without pay, in addition to the vacation allowance of one month; this is in accordance with the ruling of the Extension Service of the United States Department of Agriculture permitting extension workers to receive an additional two weeks' leave with pay for the purpose of study during the summer.

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

PLYM FELLOWSHIP AND SCHOLARSHIP APPOINTMENTS

(8) The following appointments have been made to the Plym Fellowship and Plym Foreign Scholarship:

Jedd S. Reisner, 224 East 47th Street, New York City, to be the Twenty-fifth Plym Fellow in Architecture; and A. Richard Williams, School of Architecture, Oklahoma A. and M. College, Stillwater, Oklahoma, as alternate.

David B. Runnells, 936 East 12th Avenue, Denver, Colorado, to the Fifteenth Plym Foreign Scholarship in Architectural Engineering; and Dean F. Hilfinger, 602 Corn Belt Bank Building, Bloomington, Illinois, as alternate.

This report was received for record.

RELEASE OF EXPERIMENT FIELD IN MASSAC COUNTY

(9) The Agricultural Experiment Station proposes to discontinue the use of the experiment field near Unionville in Massac County, which was deeded to the University in 1910, in lieu of the opportunities provided in Fayette County in which a field was recently given to the University.

The Unionville field was deeded to the University for experimental purposes by approximately 160 citizens of Massac and Pope Counties who contributed to the purchase of this field, with the provision that in the event the University ceases to use the property for experimental purposes it shall revert

to the guarantors. Accordingly the following resolution is offered conveying this property to the guarantors:

RESOLUTION

Whereas, the following premises, to wit,

All of the north half of the southwest fourth of the northwest quarter of Section No. fifteen (15) township sixteen (16) south of Range six east (6). Also five acres on the south side of the south half of the northwest fourth of the northwest quarter of Section No. fifteen (15) township sixteen (16) south Range six east (6);

have heretofore been used by the Board of Trustees of the University of Illinois as an experiment station or field, and were conveyed to the said Board of Trustees of the University of Illinois, as grantee, for such use and purpose by two separate deeds of warranty dated January 22, 1910, and June 24, 1920, respectively, and executed by William J. Sharp and Maggie Sharp as grantors, and filed for record in the office of the Recorder of Massac County, Illinois, on January 26, 1910, in Volume 26 of Deeds at page 299, and on July 9, 1920, in the office of the Recorder of Champaign County, Illinois, in Book 176 of Deeds at page 342, respectively; and

Whereas, the premises above described have served the purpose for which they were conveyed to the Board of Trustees of the University of Illinois;

Now, therefore, be it resolved, that the use of the above described premises be and the same is hereby discontinued as an experiment station or field and the Board of Trustees of the University of Illinois hereby releases and disclaims any further interest in, claim to, or use for the same.

Be it further resolved, that the Secretary shall forthwith notify the grantors above named of this action and transmit a certified copy of this resolution to said grantors.

On motion of Mr. Karraker, this resolution was adopted.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(10) A report of the extension or renewal of the following agreements for cooperative investigations, the agreement in each case having been approved by the Board of Trustees:

1. United States Bureau of Public Roads and the State Division of Highways, for cooperative investigation of Reinforced Concrete Slabs, for one year from July 1, 1938. Each agency will contribute \$8,000, or a total of \$16,000 for the expense of the investigation. The previous agreement provided a contribution totaling \$20,000, but this change is acceptable to the Engineering Experiment Station.

2. United States Bureau of Public Roads, investigation of the Fatigue Strength of Welded Joints for Structural Steel Members, for one year from July 1, 1938. The Bureau will contribute \$3,500 toward the expenses of this investigation.

3. Utilities Research Commission, agreement for the following investigations, to December 31, 1938, the Commission having agreed to contribute the amounts indicated in each case: Methods of Eliminating the Stretching of Lead Sheaths, \$4,000; Solubility of Boiler Waters, \$7,500; Investigation of Stack Gases, \$9,500.

This report was received for record, and the President of the University was asked to look into the procedure with respect to such agreements.

ADMINISTRATION OF GENERAL ASSEMBLY SCHOLARSHIPS

(11) To carry out its responsibilities under the law and for the guidance of administrative officials of the University, the Board of Trustees has adopted certain regulations governing the administration of General Assembly scholarships. The Registrar recommends that the second and third paragraphs of the

section on "Residence" of these regulations be amended to read as follows, the proposed changes being underlined:

"For the purposes of these regulations the residence of the parents, or of one parent if the other be deceased, or of the guardian of the person if both parents are deceased, will be deemed the residence of all students who have not attained their legal majority. Parental agreement that a son or a daughter reside with a named person as a guardian will not be accepted as conclusive by the University in the absence of satisfactory evidence of residence in fact with such alleged guardian.

"A student who gives a false address, or who knowingly offers false or misleading information relative to his residence, for the purpose of obtaining a scholarship is liable to dismissal from the University, or other disciplinary action, and forfeits the scholarship thus obtained."

On motion of Mr. Karraker, this regulation was adopted.

STATUS OF GRANT FROM GEOLOGICAL SOCIETY OF AMERICA

(12) It was reported to the Board on September 27, 1937 (Minutes, page 497), that the Geological Society of America was making a grant of \$10,000 to Associate Professor F. P. Shepard, of the Department of Geology, now on sabbatical leave of absence, to aid in his oceanographic research work.

This grant has been made and the funds are being paid directly to Professor Shepard, who is on the Pacific Coast, instead of through the University. The matter is being reported to the Board to clear the record and to relieve the Business Office of accountability for the funds.

This report was received for record.

GIFTS TO THE UNIVERSITY

(13) A report of the following gifts received by the University since the last report was made to the Board on February 11, 1938:

1. The Rockefeller Foundation in New York, \$75,000 (\$15,000 a year for a five-year period beginning September 1, 1938) in support of the research work of Professor W. C. Rose, of the Department of Chemistry, on amino acids.

2. The John and Mary Markle Foundation, a grant of \$10,000 covering a period of three years to the College of Medicine in support of investigations of the effects of anoxia and hypoglycemia on the central nervous system.

3. The Carnegie Corporation of New York, \$5,000, for the support of the research program of Professor Isaac Schour, of the College of Dentistry. An initial grant of this amount was made last year for the same purpose.

4. Mrs. George E. Frazer, daughter of the late President Edmund James, \$2,000 to supplement the endowment of the Edmund James Lectures on Government which she established in June, 1935.

5. A contribution of \$1,200 toward the investigation of "Pressures in Granular Materials" by the Engineering Experiment Station, from an anonymous donor. This is a continuation of a gift started by him in 1934.

6. Mr. Robert Allerton, of Monticello, \$800 to provide stipends for the Allerton American Traveling Scholarships during 1938. This is a continuation of a scholarship established by Mr. Allerton several years ago.

7. Nutrition Research Laboratories, \$708.35 for the continuation of research work on "Vitamin D."

8. American Pharmaceutical Association, an additional \$600 for a special research assistantship.

9. Standard Brands, Incorporated, \$600 for the continuation of research work on "Yeast Effect on the Digestive Tract."

10. The Flint-Eaton Company, of Decatur, \$500 for the appointment of an assistant to do research work in Pharmacy and Pharmacology. This gift has come through the University of Illinois Foundation.

11. American Otological Society, \$500 for additional research work on "Animal Hearing" by the Department of Psychology.

12. Aluminum Company of America, \$461.90 for additional research on the effects of "Alorco" synthetic cryolite on various insect pests of fruit trees and the like and on the health of trees and other plants.

13. University of Illinois Library School Association, an additional \$300 for the Katherine L. Sharp Scholarship in Library Science.

14. An anonymous donor, \$175 to be applied to the publication of Volume II of Professor George A. Miller's works to make possible the inclusion therein of a new manuscript of "Primary Facts in the History of Mathematics."

15. St. Louis Illinae Club, an additional \$101 for its Student Loan Fund.

16. The National Auxiliary of the United Spanish War Veterans, Department of Illinois, a \$50 scholarship to be awarded to the outstanding second-year basic-course cadet in Pershing Rifles, selected according to regulations of the Military Department.

17. Governor Henry Horner, a life mask of Abraham Lincoln and a set of the cast of his hands copied from the original by Volk.

18. Mrs. Charles B. Watkins, Class of 1899, 19 volumes of early and rare editions of English and American literature, and an autograph of O. O. McIntyre, to the University Library.

19. A portrait of the late Mrs. E. C. Schmidt, painted by Richard E. Hult, and presented to the University by a group of Mrs. Schmidt's friends, to be hung in the Woman's Building. Prior to her marriage to Professor E. C. Schmidt, Head of the Department of Railway Engineering, Mrs. Schmidt was Miss Violet Delille Jayne and was the first Dean of Women at the University of Illinois.

20. General Motors Corporation (Buick Motor Division) one hydraulic automobile brake (valued at \$15) for demonstration purposes in the Mechanical Engineering Laboratory.

21. The George Davis Bivin Foundation, Incorporated, an additional \$15 in cash prizes for the best papers on certain problems in Psychology.

22. Charles H. Albers, Receiver, University State Bank, \$6.83 dividend on Consolidated Student Loan Fund.

23. Mrs. Agnes Chase, of the Smithsonian Institution in Washington, a copy of an antiquated but important paper on the mosses of Illinois by the Reverend E. J. Hill. The University purchased Mr. Hill's herbarium about twenty-five years ago, and his paper is a valuable supplement to the collection.

24. A Committee representing friends and colleagues of the late Dr. Harry A. Singer, \$1,000 for the purpose of creating a collection of books to be known as the Harry A. Singer Memorial Collection.

25. Professor and Mrs. Arthur M. Buswell, one share of American Telephone and Telegraph stock, the annual dividends to be used for the purchase of books for the University High School Library unless and until the Board of Trustees deems it advisable to put these funds to a more appropriate use, as a memorial to their late son Arthur, who was a student in the High School.

26. Rohm and Haas Company, of Philadelphia, Manufacturing Chemists, \$4,600 to establish one post-doctoral fellowship with a stipend of \$2,000, and four research assistantships with stipends of \$650 each, for research work in the Department of Chemistry during the year 1938-1939.

This report was received for record.

PURCHASES RECOMMENDED

(14) A recommendation that the purchase of two Rebuilt 35 mm. Simplex Sound Film Projectors, for installation in the Auditorium, from the National Theatre Supply Company, Chicago, whose quotation is the lowest, at a price of \$1,841.30, be authorized.

On motion of Mr. Karraker, this purchase was authorized.

DEATH BENEFITS

(15) A report of the deaths of the following retired members of the staff, and the death benefits which the Comptroller has been authorized to pay the designated beneficiaries:

1. Ben Scholfield, employee of the Physical Plant Department—\$237. Mr. Scholfield was in the active service of the University from January 23, 1923, until his retirement, January 23, 1938. He died on February 4, 1938.

2. Laurence M. Larson, Professor of History—\$1,500. Professor Larson was in the active service of the University from September 1, 1907, until his retirement, September 1, 1937. He died on March 9, 1938.

3. W. G. Hixson, employee of the Physical Plant Department—\$274. Mr. Hixson was in the active service of the University from March 1, 1910, until his retirement, September 1, 1927. He died on April 3, 1938.

4. Marcus L. Hansen, Professor of History—\$2,250. Professor Hansen was in the active service of the University from September 1, 1928, until January 7, 1938, and on leave of absence on account of illness from January 7, to the date of his death, May 11, 1938.

This report was received for record.

PATENT APPLICATION—TESTING EMBRITTLEMENT CHARACTERISTICS OF BOILER WATERS

(16) The Secretary of the Board has reported the receipt of the assignment of Frederick G. Straub and Theodore A. Bradbury, transferring to the Board of Trustees of the University of Illinois, the entire right, title, and interest in and to the invention disclosed in their application for United States Letters Patent, Serial No. 190, 392, filed February 14, 1938, covering an improvement in "Method of and Apparatus for Testing Embrittlement Characteristics of Boiler Waters, Case 1." The assignment was received and recorded in the Patent Office on February 14, 1938, in Liber X-173, page 455, of Transfers of Patents.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(17) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER JANUARY 14, 1938, TO APRIL 20, 1938

Minor lease executed under general regulations of Board of Trustees:

<i>From Whom</i>	<i>For</i>	<i>Tenure</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Mrs. Robert K. Newton	80 acres of land adjoining the University farm	One year from January 1, 1938	\$800.00	January 15, 1938

Minor agreements executed under general regulations of Board of Trustees:

<i>With Whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Fred M. Manthei ¹	Installation of asphalt tile floors in certain parts of Old Agriculture Building, Genetics Building, and Stock Pavilion	\$1,706.75	January 24, 1938
W. A. Jackson ²	Lathing and plastering 4th floor of New Agriculture Building	Labor and material plus 10%	February 4, 1938
J. M. Krauss Lumber and Wrecking Company ³	Agreement covering wrecking of University Hall	\$2,599.00	February 23, 1938

Leases executed under general regulations of Board of Trustees:

<i>From Whom</i>	<i>For</i>	<i>Tenure</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Newman Hall	Classroom space in Newman Hall	February 9 to June 6, 1938	\$610.00	March 11, 1938
Wesley Foundation	Classroom space in Wesley Foundation	February 9 to June 6, 1938	\$565.00	March 11, 1938

This report was received for record.

¹Bids sent to President's Office January 6, 1938.

²No bids taken.

³Bids sent to President's Office February 22, 1938.

QUARTERLY REPORT OF THE COMPTROLLER

(18) The report of the Comptroller to the Board of Trustees for the quarter ending March 31, 1938. Copies of the report were sent to the members of the Board in advance of the meeting.

This report was received for record.

DATE OF JUNE MEETING

On motion of Mr. Karraker, the date of the June meeting of the Board was set as Thursday, June 9, 1938, in Chicago.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary of the Board presented for record a list of appointments made by the President of the University.

Andrews, K. R., Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500) (this supersedes his previous appointment). (May 11, 1938)¹

Ames, A. C., Assistant in English, on two-thirds time, for ten months beginning September 1, 1938, at a cash compensation of one thousand dollars (\$1,000) (this supersedes his previous appointment). (May 11, 1938)

Arnett, Lyda M., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (May 10, 1938)

Barker, Roger Garlock, Assistant Professor of Education, for one year beginning September 1, 1938, at a cash compensation of three thousand two hundred dollars (\$3,200). (April 7, 1938)

Behr, Lyell C., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Binder, Laurence O., Assistant in Chemistry, on one-third time, for ten months, beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 10, 1938)

Black, Winston Edward, Instructor in Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800). (May 9, 1938)

Blair, R. L., Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand nine hundred dollars (\$1,900) (this supersedes his previous appointment). (May 11, 1938)

Bonner, Priscilla, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Bradsher, Charles K., Special Research Assistant in Chemistry, for one year beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000). (May 10, 1938)

Brett, Lewis Edward, Instructor in Romance Languages, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800). (April 26, 1938)

Bruner, D. K., Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500) (this supersedes his previous appointment). (May 11, 1938)

Burckhalter, J. H., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (May 10, 1938)

Byman, Leonard, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Clark, J. H., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (May 10, 1938)

Claussen, Walter F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (May 10, 1938)

Cockrum, Elin Edwin, Assistant in Crop Production, in the Department of Agronomy, in the Agricultural Experiment Station, beginning May 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of one thousand six hundred dollars (\$1,600) a year. (April 29, 1938)

Condren, F. L., Assistant in the Infirmary, in the College of Dentistry, one-half day each week, for one year beginning September 1, 1938, without salary. (May 13, 1938)

Cundy, P. F., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Cutrona, Louis John, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred dollars (\$700). (May 5, 1938)

Dolk, L. C., Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes his previous appointment). (May 11, 1938)

Ekstrom, W. F., Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred sixty dollars (\$1,560) (this supersedes his previous appointment). (May 11, 1938)

Emerson, W. S., Instructor in Chemistry, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000). (May 10, 1938)

Forslund, C. W., Assistant in the Infirmary, in the College of Dentistry, one-half day each week, for one year beginning September 1, 1938, without salary. (May 13, 1938)

Giffin, Roscoe R., Assistant in the Bureau of Business Research, on one-half time, beginning July 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of fifty dollars (\$50) a month. (May 11, 1938)

Goldhaber, Moritz, Assistant Professor of Physics, in the College of Engineering, for one year beginning September 1, 1938, at a cash compensation of three thousand dollars (\$3,000). (May 9, 1938)

Gross, S. T., Instructor in Chemistry, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000). (May 10, 1938)

Hicks, Russell L., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Hughes, Leo, Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes his previous appointment). (May 11, 1938)

Huntress, Keith, Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand four hundred fifty dollars (\$1,450). (May 11, 1938)

Johnson, J. L., Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500) (this supersedes his previous appointment). (May 11, 1938)

Kade, Charles F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (May 10, 1938)

Keirs, R. J., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Keister, Mary Elizabeth, Teacher in Charge of the Nursery School in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of four hundred dollars (\$400) for the session. (April 29, 1938)

Keller, Raymond N., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Krouse, Ruth Thelma, Assistant in Physiology, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500). (May 10, 1938)

Lang, D. R., Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand seven hundred twenty dollars (\$1,720) (this supersedes his previous appointment). (May 11, 1938)

Langdon, William M., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Leischner, Mrs. Orlena L., Stenographer in the Department of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station, beginning May 10, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (May 3, 1938)

Lohrer, Mary Alice, to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (May 4, 1938)

Martin, Mildred, Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand six hundred thirty dollars (\$1,630) (this supersedes her previous appointment). (May 11, 1938)

Mathews, E. G., Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes his previous appointment). (May 11, 1938)

Meyer, Robert S., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Moloney, Michael, Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand four hundred fifty dollars (\$1,450). (May 9, 1938)

Moore, Marcella Geneva, Typist in the Department of Botany and Materia Medica, in the College of Pharmacy, beginning July 1, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (April 27, 1938)

Moses, Louis Emmet, Assistant in Physiology, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500). (May 13, 1938)

Nannes, Caspar, Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500) (this supersedes his previous appointment). (May 11, 1938)

Nelson, Severina E., Associate in Speech, for one year beginning September 1, 1938, at a cash compensation of two thousand four hundred dollars (\$2,400) (this supersedes her previous appointment). (May 11, 1938)

O'Shaughnessy, Marion T., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Peppel, W. J., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Porzak, B. P., Assistant in English, on two-thirds time, for ten months beginning September 1, 1938, at a cash compensation of one thousand dollars (\$1,000) (this supersedes his previous appointment). (May 11, 1938)

Price, Dalias Adolph, Assistant in Geography, in the Department of Geology and Geography, on one-half time, for five months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (April 12, 1938)

Quinn, J. K., Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred forty dollars (\$1,540) (this supersedes his previous appointment). (May 11, 1938)

Reb, Christine Lenore, to give instruction in Library Science, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 4, 1938)

Reich, Emily Evalyn, to give instruction in Library Science, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 4, 1938)

Richter, Frederick P., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Riddle, Edward H., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Rifle, Lois Lucile, to give instruction in Library Science, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 4, 1938)

Roberts, C. W., Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000) (this supersedes his previous appointment). (May 11, 1938)

Rugg, F. M., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Sauer, Robert O., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Shattuck, C. H., Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes his previous appointment). (May 11, 1938)

Simons, Willis, Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500). (May 9, 1938)

Snider, Felix Eugene, to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (May 4, 1938)

Storer, N. W., to give instruction in Astronomy, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of five hundred dollars (\$500) for the session. (April 29, 1938)

Tharpe, Josephine, to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (May 4, 1938)

Thomson, Daniel William, Research Graduate Assistant in Mechanical Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (April 27, 1938)

Walker, Harold Leroy, Assistant Professor of Metallurgical Engineering, in the Department of Mining and Metallurgical Engineering, in the College of Engineering, for one year beginning September 1, 1938, at a cash compensation of three thousand dollars (\$3,000). (April 30, 1938)

Warren, William Joseph, Associate in Electrical Engineering, in the College of Engineering, for one year beginning September 1, 1938, at a cash compensation of two thousand four hundred dollars (\$2,400). (May 9, 1938)

Welker, Everett Linus, Instructor in Mathematics, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800). (March 26, 1938)

Whitehill, Lynwood N., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 10, 1938)

Wilson, Mrs. Frances D., Teacher in the University High School, on one-

half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred fifty dollars (\$150) for the session. (April 29, 1938)

Wynd, Frederick Lyle, Assistant Professor of Botany, for one year beginning September 1, 1938, at a cash compensation of three thousand dollars (\$3,000). (April 30, 1938)

COOPERATING TEACHERS

The Secretary of the Board presented also for record the following list of cooperating teachers in University High School, for the second semester of the academic year 1937-1938, appointed by the President of the University on April 29, 1938.

CHAMPAIGN PUBLIC SCHOOLS

<i>Salary</i>		<i>Salary</i>	
Nickell, V. L.....	.....	Thompson, William.....	\$ 10 00
Allison, C. W.....	.....	Weed, Fannie.....	10 00
Abernathie, Wallace.....	\$ 7 50	Thomasson, A. L.....	.....
Beach, Amy.....	10 00	Kenny, Marion.....	20 00 ¹
Bottenfield, E. O.....	50 00	Rumble, Heber.....	20 00
Champion, Robert.....	7 50	Thompson, Ruth.....	20 00 ¹
Cohen, Sol.....	6 00	Lee, Avice Ferne.....	8 68
Combes, Harry.....	4 00	Bloomster, Gretchen.....	6 66
Cook, Eleanor.....	30 00	McKee, Margery.....	6 66
Cook, Grace.....	30 00	McDaniel, Lillie.....	6 66
Gibson, Genevra.....	10 00	Roloff, Marjorie.....	16 66
Gooding, Charles.....	10 00	Cline, Blanche.....	2 67
Gresham, Nina.....	20 00	McCall, J. Arthur.....	1 34
Jenista, Helen S.....	30 00	Munson, Lakie.....	2 01
Kaden, Vera.....	20 00	Shroyer, Mary.....	8 00
Kluever, Carl.....	30 00	Bloomster, Maurine.....	10 00
Moyer, Lester R.....	26 66	Hagan, Lucile.....	10 00
Riley, Mendel L.....	30 00	Stiegemeier, Barbara.....	16 66
Smith, Hulah B.....	20 00	Neblock, Etta.....	8 67
Stansell, Lucile.....	30 00 ¹	Curvey, Josephine.....	10 00
Stark, Helen K.....	30 00 ¹	Stiegemeier, Louise.....	6 66
Stewart, Howard.....	10 00	McGinty, Alice.....	1 34
Still, Iva Margaret.....	30 00	Frederick, Katharine.....	67
Stuart, Marion.....	40 00	Kesterson, Ethel J.....	.....
Swain, Paul.....	10 00	Rose, Harriett H.....	30 00
Swigart, Beulah H.....	40 00	Simon, E. J.....	5 00

The salary for service given by teachers in the Champaign School System will be paid by the Board of Education of School District #71 (Champaign, Illinois) from funds paid to it by the University of Illinois for this purpose.

URBANA PUBLIC SCHOOLS

<i>Salary</i>		<i>Salary</i>	
Cobb, T. H.....	.....	McClurg, Lola D.....	\$ 10 00
Hadden, S. B.....	.....	Mills, James I.....	20 00
Carlson, Theodore L.....	\$ 40 00	Rusk, Elizabeth.....	10 00
Fisher, Sarah Jane.....	20 00	Sawhill, C. E.....	20 00
Hamilton, Ethel D.....	40 00	Snyder, Marian J.....	20 00
Hornor, A. L.....	40 00	Stephens, Lewis.....	6 00
James, Harlan F.....	10 00	Tilbury, W. G.....	20 00
Keane, Marion.....	30 00	Turnell, Elizabeth.....	20 00
Kirk, Ethelyn L.....	10 00	Veach, Blanche M.....	4 00
Krieg, Marie.....	10 00	Wood, Susan H.....	40 00
Lawson, Mildred M.....	40 00	Lauchner, A. H.....	.....

¹One-half this amount to be obtained from the Federal Government.

	<i>Salary</i>		<i>Salary</i>
Berger, Helen.....	\$ 20 00 ¹	Davis, Etta.....	.....
Busey, David G.....	23 00	Irwin, Frances.....	.....
Harmison, Marien.....	10 00	Jones, Naomi Jane.....	.....
Hatch, Charlotte A.....	10 00	Spear, Daisy D.....	.....
Renfrew, Clara E.....	20 00	Dixon, Juanita.....	.....
Zimmerman, Joyce A.....	20 00	Gaard, Arvilla.....	.....
South, Belle.....	10 00	Hicks, Ruth.....	.....
Wiley, Flossie.....	.....	Horney, Harriet.....	.....
Harris, Ruth.....	10 00	James, Mary E.....	.....
Nagle, Elizabeth.....	.....	King, Ernestine.....	.....
Palmer, Huldah.....	10 00	Lyons, Alice.....	.....
McDougle, Mary.....	10 00	Reece, Florence.....	.....
Roper, Margaret.....	10 00	Stevenson, Mae.....	.....
Christner, Eleanor B.....	.....	Webber, Pearl.....	.....
Dale, Ferne.....	.....	

ST. MARY'S SCHOOL

Sister M. Cecilian Heffron...	\$ 16 00	Sister M. Virginie Borre....	.....
Sister M. Lucetta Shea.....	10 00	Sister M. Marcus Dooley....	.....
Sister M. Tharla Baber.....	Sister M. Bartholomew Serry

MAHOMET COMMUNITY HIGH SCHOOL

Price, Edward V.....	Thompson, J. C.....	\$ 60 00 ¹
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RANTOUL TOWNSHIP HIGH SCHOOL

Condit, Charles M.....	Malsbury, M. R.....	\$108 00 ¹
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ST. JOSEPH COMMUNITY HIGH SCHOOL

Hamilton, C. F.....
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TOLONO COMMUNITY HIGH SCHOOL

Jewell, Victor.....
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RESIGNATIONS AND DECLINATIONS

The Secretary of the Board presented also for record the following list of resignations and declinations.

Alexander, Lillie Pearl, Scholar in English—declination effective September 1, 1938.

Cook, Maurice DeLap, Assistant in Animal Pathology and Hygiene, in the Agricultural Experiment Station—resignation effective May 8, 1938.

Copper, Lucille M., Stenographer in the President's Office—declination effective September 1, 1938.

Day, Herbert Summerfield, Assistant in Sociology—resignation effective May 7, 1938.

Etzbach, Martha, Secretary in the School of Physical Education—declination effective September 1, 1938.

Giesecke, G. E., Instructor in German—declination effective September 1, 1938.

Gilmore, Mildred M., Scholar in Sociology—declination effective September 1, 1938.

Golden, Dorothy F., Scholar in English—declination effective September 1, 1938.

Graham, Ruth R., to give instruction in Library Science in the Summer Session of 1938—declination effective June 20, 1938.

Greene, John C., Scholar in History—declination effective September 1, 1938.

¹One-half this amount to be obtained from the Federal Government.

Hennecke, C. F., Assistant in German—declination effective September 1, 1938.

Kibbey, D. E., Assistant in Mathematics—declination effective September 1, 1938.

Leigh, W. H., to give instruction in Zoology in the Summer Session of 1938—declination effective June 20, 1938.

McIver, Catherine, to give instruction in Library Science in the Summer Session of 1938—declination effective June 20, 1938.

Palmer, C. E., to give instruction in Education in the Summer Session of 1938—declination effective June 20, 1938.

Palmer, P. F., Instructor in Economics—declination effective September 1, 1938.

Pelz, Edward J., Scholar in Economics—declination effective September 1, 1938.

Robinson, Jennie D., Registered Nurse in the Dispensary, in the College of Medicine—resignation effective May 16, 1938.

Wade, Mrs. Helen Woodward, Assistant in Pediatrics, in the College of Medicine—declination effective September 1, 1938.

Whicker, Mrs. Helen S., Junior Stenographer in the Department of Operative Dentistry, in the College of Dentistry—declination effective September 1, 1938.

Witt, Erma P., Stenographer in the Department of Romance Languages—declination effective September 1, 1938.

The Executive Committee adjourned.

H. E. CUNNINGHAM

Clerk

OSCAR G. MAYER

Chairman

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 9, 1938

With Adjourned Session of
June 22, 1938



The June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. (Chicago Daylight Saving Time) on Thursday, June 9, 1938.

The following members were present: President Mayer, Mr. Cleary, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Mr. F. M. Gordon, Treasurer, Judge Sveinbjorn Johnson, Counsel, and Mr. C. S. Havens, Director of the Physical Plant Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of March 18 and April 27, 1938; and also, for record, the minutes of the meetings of the Executive Committee of April 27 and May 14, 1938.

On motion of Mr. Moschel, the minutes were approved and received for record as printed on pages 641 to 820 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

COLLEGE OF MEDICINE CLINICAL FACULTY 1938-1939

(1) A recommendation that the following appointments be made to the Clinical Faculty of the College of Medicine for the academic year beginning September 1, 1938, without salary, and that the President of the University be authorized to make such changes in this list as may be necessary.

On motion of Dr. Meyer, these appointments were made and authority was granted as recommended.

Department of Anatomy

ARTHUR VALENTINE BERGQUIST, B.S., M.D., *Assistant* (1 year)
 SAMUEL JACOB BURROWS, M.D., *Assistant* (1 year)
 ROBERT EDWARD DYER, B.S., M.D., *Assistant* (1 year)
 HERMAN LOUIS MISHKIN,¹ B.S., M.D., *Assistant* (1 year)
 PHILIP THOREK,² B.S., M.D., *Assistant* (1 year)
 ARTHUR RUDOLPH WEIHE, B.S., M.D., *Assistant* (1 year)
 JACOB ABRAHAM GLASSMAN, B.S., M.D., *Assistant* (1 year)
 JOHN BERNARD ROTH,³ B.S., M.D., *Assistant* (1 year)
 MILO EDWARD VACIN, M.D., *Assistant* (1 year)
 LEROY VERL BROADBENT, A.B., M.D., *Assistant* (1 year)
 MACE GAZDA, M.D., *Assistant* (1 year)
 DAVID HOWARD WAGNER,⁴ M.D., M.S., *Assistant* (1 year)

Department of Criminology, Social Hygiene, and Medical Jurisprudence

PAUL LOUIS SCHROEDER, B.S., M.D., *Professor and Head of Department, Director of Institute for Juvenile Research* (1 year)
 RACHELLE S. YARROS, M.D., *Professor of Social Hygiene* (1 year)
 ANDREW WILSON BROWN, Ph.D., *Associate Professor* (1 year)
 GEORGE JOSEPH MOHR, B.S., M.D., *Associate Professor* (1 year)
 ROY GILMORE BARRICK, M.D., M.H.D., *Assistant Professor* (1 year)
 MAXWELL GITELSON, B.S., M.D., *Assistant Professor of Juvenile Research* (1 year)
 THOMAS MORTON FRENCH, A.B., M.D., *Assistant Professor* (1 year)
 CHESTER WILLIAM DARROW,⁴ Ph.D., *Associate* (1 year)
 MILTON L. MILLER, A.B., M.D., *Associate* (1 year)
 IRENE JOSSELYN, M.S., M.D., *Associate* (1 year)
 NOBEL GUSTAV JOHNSON, A.B., J.D., *Lecturer in Medical Jurisprudence* (1 year)
 RODNEY HOWE BRANDON, *Lecturer* (1 year)
 WARREN GARFIELD MURRAY, M.D., *Lecturer* (1 year)
 MAJOR HENRY WORTHINGTON,⁵ M.D., *Lecturer in Hospital Organization and Administration* (1 year)
 VERNE WESLEY LYON, M.S., *Instructor* (1 year)
 MARVIN SUKOV, A.B., M.D., *Instructor* (1 year)

Department of Dermatology

WILLIAM ALLEN PUSEY, A.M., M.D., *Professor, Emeritus*
 MAX SAMUEL WIEN, B.S., M.D., *Associate Professor* (1 year)
 LEONARD FRED WEBER, M.D., *Assistant Professor* (1 year)
 MINNIE OBOLER PERLSTEIN, B.S., M.D., *Associate* (1 year)
 WILLIAM KENNETH FORD, M.D., *Instructor* (1 year)

¹Also Instructor in Surgery.

²Also Assistant in Surgery.

³Also Assistant in Medicine.

⁴Also Associate in Physiology, salary budget.

⁵Also Managing Officer of the Research and Educational Hospital and Superintendent of the Dispensary, salary budget.

HENRY R. KRASNOW, M.D., *Instructor* (1 year)
 HENRY CHASKELL SCHORR, B.S., M.D., *Instructor* (1 year)
 HARVEY CORNELIUS ROLL, B.S., M.D., *Assistant* (1 year)

Department of Laryngology, Rhinology, and Otology

NORVAL HARVEY PIERCE, M.D., *Professor, Emeritus*
 JOSEPH CLAR BECK, M.D., *Associate Professor, Emeritus*
 JOHN JOSEPH THEOBALD, B.S., M.D., *Assistant Professor* (1 year)
 WALTER HENRY THEOBALD, B.S., M.D., *Assistant Professor* (1 year)
 SHERMAN LAWRENCE SHAPIRO, B.S., M.D., *Assistant Professor* (1 year)
 ERNEST A. BREDLAU, M.D., *Associate* (1 year)
 GEORGE SHAYNIN LIVINGSTON, M.S., M.D., *Associate* (1 year)
 NOAH FOX, B.S., M.D., *Associate* (1 year)
 IRWIN G. SPIESMAN, B.S., M.D., *Associate* (1 year)
 OLIVER EDWARD VAN ALYEA, M.D., *Associate* (1 year)
 ABRAHAM RISEL HOLLENDER, M.D., *Associate* (1 year)
 PAUL HENRY HOLINGER, M.S., M.D., *Associate in Bronchoscopy* (1 year)
 ARTHUR JETHRO COOMBS, A.B., M.D., *Instructor* (1 year)
 NOAH DANIEL FABRICANT, B.S., M.D., *Instructor* (1 year)
 JOHN W. HARNED, B.S., M.D., *Instructor* (1 year)
 SAMUEL MORDECAI MORWITZ, B.S., M.D., *Instructor* (1 year)
 NELL TREVA PATTENGAL, B.S., M.D., *Instructor in Radium Therapy* (1 year)
 SYLVIO AMEDEO SCIARRETTA, B.S., M.D., *Instructor* (1 year)
 BRUNO BLUMKLOTZ, M.D., *Instructor* (1 year)
 SAMUEL PELUSE, B.S., M.D., *Instructor* (1 year)
 HAROLD JESSE CAWTHORNE, A.B., M.D., *Assistant* (1 year)
 JOHN WILLIAM WALL, B.S., M.D., *Assistant* (1 year)
 JOSEPH G. SCHOOLMAN, A.B., M.D., *Assistant* (1 year)
 LOUIS SAVITT, M.D., *Assistant* (1 year)
 ROBERT BERNARD LEWY, B.S., M.D., *Assistant* (1 year)
 LOUIS FEINBERG, B.S., M.D., *Assistant* (1 year)
 HARRY BERMAN, B.S., M.D., *Assistant* (1 year)

Department of Medicine

MAURICE LEWISON, M.D., *Professor of Physical Diagnosis* (Indefinite)
 SIDNEY STRAUSS, A.B., M.D., *Professor* (Indefinite)
 FREDERICK TICE, M.D., *Professor, Emeritus*
 LEROY HENDRICK SLOAN, B.S., M.D., *Professor* (2 years from 9-1-37)
 FRANK CHAUVET, M.D., *Associate Professor* (Indefinite)
 BENJAMIN GOLDBERG, M.D., *Associate Professor* (2 years from 9-1-37)
 JACOB MEYER, M.D., M.S., *Associate Professor* (2 years from 9-1-37)
 ISADORE PILOT,¹ M.D., B.S., *Associate Professor* (2 years from 9-1-37)
 ELLIS BENJAMIN FREILICH, M.D., *Associate Professor* (2 years from 9-1-37)
 SAMUEL PERLSTEIN, M.D., *Associate Professor* (2 years from 9-1-37)
 FRANK B. LUSK, A.M., M.D., *Associate Professor* (1 year)
 FRANKLIN SAMUEL WILSON, Ph.G., M.D., *Assistant Professor* (1 year)
 SAMUEL AZOR LEVINSON,² M.D., M.S., *Assistant Professor* (1 year)
 ISIDORE A. RABENS, M.S., M.D., *Assistant Professor* (1 year)
 OSCAR BENJAMIN RAGINS, M.S., M.D., *Assistant Professor* (1 year)
 LOUIS FELDMAN, B.S., M.D., *Associate* (1 year)
 MOSES GOLDWASSER, M.D., *Associate* (1 year)
 DIETRICH KLEMPNER, M.D., *Associate* (1 year)
 TELL NELSON, M.D., M.S., *Associate* (1 year)
 BEN ZION RAPPAPORT, M.D., M.S., *Associate* (1 year)
 MAXIMILIAN T. BOLOTIN, B.S., M.D., *Associate* (1 year)
 HENRY ABRAHAM SIEGAL, B.S., M.D., *Associate* (1 year)
 ABE LOUIS AARONSON, M.D., M.S., *Instructor* (1 year)
 LEO E. AMTMAN, B.S., M.D., *Instructor* (1 year)

¹Also Associate Professor of Pathology, salary budget.

²Also Associate Professor of Pathology, and Director of Hospital Laboratory, salary budget.

GEORGE CHARLES COE, B.S., M.D., *Instructor* (1 year)
 HENRY PICKETT DORMAN, Ph.D., M.D., *Instructor* (1 year)
 IRVING DREYER,¹ M.S., M.D., *Instructor* (1 year)
 JACOB W. FISCHER, B.S., M.D., *Instructor* (1 year)
 HYMEN WILLIAM GOLUB, B.S., M.D., *Instructor* (1 year)
 EUGENE GROSZ, M.D., *Instructor* (1 year)
 JULIUS A. GURVEY, B.S., M.D., *Instructor* (1 year)
 RUDOLPH HECHT, M.S., M.D., *Instructor* (1 year)
 ROBERT MOORE JONES, A.B., M.D., *Instructor* (1 year)
 MORRIS AARON KAPLAN, M.S., M.D., *Instructor* (1 year)
 HERMAN ABRAHAM LEVY, B.S., M.D., *Instructor* (1 year)
 BENJAMIN PEARLMAN, B.S., M.D., *Instructor* (1 year)
 SAMUEL HENRY ROSENBLUM, B.S., M.D., *Instructor* (1 year)
 IRVING E. STECK,² M.S., M.D., *Instructor* (1 year)
 WILLIAM STANLEY TIMBLIN, B.S., M.D., *Instructor* (1 year)
 ARTHUR BERNSTEIN, B.S., M.D., *Instructor* (1 year)
 THOMAS JOSEPH CONLEY, B.S., M.D., *Instructor* (1 year)
 NORMAN LUDLOW BAKER, B.S., M.D., *Assistant* (1 year)
 WILLIAM A. CHRISTIAN, B.S., M.D., *Assistant* (1 year)
 SAMUEL IRWIN DITKOWSKY, B.S., M.D., *Assistant* (1 year)
 LOUIS EDIDIN, B.S., M.D., *Assistant* (1 year)
 JOSEPH CHARLES EHRLICH, B.S., M.D., *Assistant* (1 year)
 EMANUEL JOSHUA FEINHANDLER, B.S., M.D., *Assistant* (1 year)
 LOUIS LEONARD FIORITO, B.S., M.D., *Assistant* (1 year)
 AARON LOUIS GOLDBERG, M.D., *Assistant* (1 year)
 MAURICE ORRINGTON GROSSMAN, A.B., B.S., M.D., *Assistant* (1 year)
 HAROLD MARK HOOVER, B.S., M.D., *Assistant* (1 year)
 WILLIAM FRANCIS JACOBS, A.B., B.S., M.D., *Assistant* (1 year)
 LEO CARROLL LARKIN, M.D., *Assistant* (1 year)
 ARTHUR HARRY LEVINE, B.S., M.D., *Assistant* (1 year)
 HOWARD JACK LEVINE, B.S., M.D., *Assistant* (1 year)
 HERSHEL MEYER, B.S., M.D., *Assistant* (1 year)
 WILLIAM CHARLES O'CASEK, M.D., *Assistant* (1 year)
 JAMES EMMETT O'MALLEY, M.S., M.D., *Assistant* (1 year)
 BERNARD J. PASS, B.S., M.D., *Assistant* (1 year)
 CHARLES THEODORE POULSON, B.S., M.D., *Assistant* (1 year)
 RUDLA RIND, B.S., M.D., *Assistant* (1 year)
 EUGENE JOHN ROONEY, M.D., *Assistant* (1 year)
 JOHN BERNARD ROTH,³ B.S., M.D., *Assistant* (1 year)
 ABRAHAM HAPPY RUDOLPH, B.S., M.D., *Assistant* (1 year)
 ALEXANDER SANDERS, B.S., M.D., *Assistant* (1 year)
 MILTON CHARLES SCHELL, M.D., *Assistant* (1 year)
 HARRY ROBERT SCHWARTZ, B.S., M.D., *Assistant* (1 year)
 NORMAN SHURE, B.S., M.D., *Assistant* (1 year)
 JOHN D. SINGER, B.S., M.D., *Assistant* (1 year)
 MITCHELL ABRAHAM SPELLBERG, B.S., M.D., *Assistant* (1 year)
 STANLEY LLOYD TEITELMAN, A.B., M.D., *Assistant* (1 year)
 LOUIS ARLINGTON Terman, B.S., M.D., *Assistant* (1 year)
 HORACE EDWARD TURNER,⁴ B.S., M.D., *Assistant* (1 year)
 HARRY CHARLES WALL, M.D., *Assistant* (1 year)
 NORMAN WIEN, B.S., M.D., *Assistant* (1 year)
 MORRIS WEISS, M.D., *Assistant* (1 year)
 HOMER VERNON WILBURN, A.B., M.D., *Assistant* (1 year)
 ERNEST BERNARD WILLIAMS, B.S., M.D., *Assistant* (1 year)
 SALVATORE ANTHONY DIMICELI, B.S., M.D., *Assistant* (1 year)

¹Also Instructor in Pathology.

²Also Instructor in Physiology.

³Also Assistant in Anatomy.

⁴Also Assistant in Orthopaedics.

Department of Neurology and Neurological Surgery

ROLAND PARKS MACKAY, A.B., M.D., *Associate Professor* (1 year)
 DAVID MORTIMER OLKON,¹ A.M., M.D., *Assistant Professor* (1 year)
 BEN WILLIAM LICHTENSTEIN, M.D., M.S., *Associate* (1 year)
 HOWARD ZEITLIN, M.D., M.S., *Instructor* (1 year)

Department of Obstetrics and Gynecology

CHARLES SUMNER BACON, Ph.B., M.D., D.Sc., *Professor*, Emeritus
 WALTER CHARLES HAMMOND, M.D., *Assistant Professor* (1 year)
 JOHN MICHAEL LANG, M.D., *Assistant Professor* (1 year)
 ABRAHAM FAE LASH, M.D., Ph.D., *Assistant Professor* (1 year)
 CHARLES NEWBERGER, B.S., M.D., *Assistant Professor* (1 year)
 FRANK LEE STONE, M.D., *Assistant Professor* (1 year)
 ALFRED JULIAN KOBAK, M.D., M.S., *Associate* (1 year)
 SAMUEL KAPLAN, M.D., M.S., *Associate* (1 year)
 RICHARD A. LIFVENDAHL, B.S., M.D., *Associate* (1 year)
 MILTON JOSEPH SUMMERVILLE, A.B., M.D., *Associate* (1 year)
 ALFONS R. BACON, B.S., M.D., *Instructor* (1 year)
 MAT BLOOMFIELD, B.S., M.D., *Instructor* (1 year)
 GEORGE FIELDING HIBBERT, B.S., M.D., *Instructor* (1 year)
 MAURICE J. ROSE, B.S., M.D., *Instructor* (1 year)
 PHILIP FREDERIC SCHNEIDER, M.D., *Instructor* (1 year)
 CHARLES OTIS SMITH, A.B., B.S., M.D., *Instructor* (1 year)
 JOHN ROBERT WOLFF, M.D., *Instructor* (1 year)
 EDWARD CHARLES BERNELL, M.S., M.D., *Instructor* (1 year)
 EDWARD J. BOMZE, B.S., M.D., *Assistant* (1 year)
 CLAIR MARTIN CAREY, B.S., M.D., *Assistant* (1 year)
 VINCENT CHARLES FREDA, B.S., M.D., *Assistant* (1 year)
 ERNEST CHARLES MCGILL, B.S., M.D., *Assistant* (1 year)
 MILTON MORRIS SCHEFFLER, B.S., M.D., *Assistant* (1 year)
 JOSEPH B. TETON, B.S., M.D., *Assistant* (1 year)
 LAVERNE MYRON WALLHEISER, B.S., M.D., *Assistant* (1 year)

Department of Ophthalmology

WILLIAM ELLIOTT GAMBLE, B.S., M.D., *Professor*, Emeritus
 CASEY A. WOOD, A.M., M.D., *Professor*, Emeritus
 EPHRAIM KIRKPATRICK FINDLAY, C.M., M.D., *Professor* (1 year)
 SAMUEL I. KAUFMAN, M.D., *Associate* (1 year)
 PHILIP ALLEN HALPER, B.S., M.D., *Associate* (1 year)
 MRS. MARTHA RUBIN FOLK, M.D., *Assistant* (1 year)

Department of Orthopaedics

FRANK GEORGE MURPHY, B.S., M.D., *Assistant Professor* (1 year)
 DANIEL HAROLD LEVINTHAL, M.D., *Assistant Professor* (1 year)
 WILLIAM A. MARSHALL, B.S., M.D., *Associate* (1 year)
 WALTER RATHFON FISCHER, B.S., M.D., *Instructor* (1 year)
 LEO FREDERICK MILLER, B.S., M.D., *Instructor* (1 year)
 EVERETT ARTHUR GRIMMER, D.D.S., *Assistant in Dental Surgery* (1 year)
 SAMUEL PERRY ROGERS, A.B., M.D., *Assistant* (1 year)
 CHARLES EDWARD SHANNON, B.S., M.D., *Assistant* (1 year)
 HORACE EDWARD TURNER,² B.S., M.D., *Assistant* (1 year)

*Department of Pathology, Bacteriology, and Public Health**Pathology*

LOUIS SCHULTZ, D.D.S., M.D., *Professor*, Emeritus
 SAMUEL AZOR LEVINSON,³ M.D., M.S., *Associate Professor* (1 year)
 OTTO SAPHIR, M.D., *Associate Professor* (1 year)
 ROBERT LEON LADD, M.D., M.S., *Assistant Professor* (1 year)

¹Also Assistant Professor of Psychiatry, salary budget.

²Also Assistant in Medicine.

³Also Assistant Professor of Medicine, and Director of Hospital Laboratory, salary budget.

JERRY JOSEPH KEARNS, B.S., M.D., *Associate* (1 year)
 PERRY JULIUS MELNICK, M.D., Ph.D., *Associate* (1 year)
 VICTOR LEVINE, B.S., M.D., *Associate* (1 year)
 ROBERT PRESTON MACFATE,¹ Ch.E., M.S., *Associate* (1 year)
 MAX BERG, M.D., M.S., *Instructor* (1 year)
 IRVING DREYER,² M.S., M.D., *Instructor* (1 year)
 REUBEN ISADORE KLEIN,³ M.S., M.D., *Instructor* (1 year)
 ALEX BENJAMIN RAGINS, M.S., M.D., *Instructor* (1 year)

Bacteriology and Public Health

THOMAS GORDON HULL, Ph.D., *Assistant Professor* (1 year)
 SAMUEL CUSHING BEACH, M.D., *Associate* (1 year)
 MILTON HENRY KRONENBERG, B.S., M.D., *Associate* (1 year)
 HERBERT ELI MCDANIELS, Ph.D., *Associate* (1 year)
 SOL ROY ROSENTHAL, M.D., Ph.D., *Associate* (1 year)
 EMIL WEISS, M.D., Ph.D., *Associate* (1 year)
 CLARENCE WILLARD KLASSEN, B.S., *Associate* (1 year)
 FRANCES ANGELA, B.S., *Instructor* (1 year)
 G. HOWARD GOWEN, M.D., Ph.D., *Instructor* (1 year)
 NELL HIRSCHBERG, Ph.D., *Instructor* (1 year)
 PAUL FREDERICK KRUEGER, B.S., *Instructor* (1 year)
 EDWARD EDGAR PARK SEIDMON, Ph.G., M.S., M.D., *Instructor* (1 year)
 CARROLL W. STUART, D.D.S., M.S., M.D., *Instructor* (1 year)
 BERYL TROXELL, M.S., M.D., *Instructor* (1 year)
 EMILY JONES, M.S., *Assistant* (1 year)

Department of Pediatrics

FRANK BRECKENRIDGE EARLE, M.D., *Professor, Emeritus*
 HENRY EUGENE IRISH, M.D., *Professor* (Indefinite)
 MAURICE LAMM BLATT, M.D., *Professor* (Indefinite)
 JULIUS HAYES HESS, M.D., *Professor* (Indefinite)
 LESTER EDWARD BOWER, A.B., M.D., *Assistant Professor* (1 year)
 JOSEPH KAISER CALVIN, B.S., M.D., *Assistant Professor* (1 year)
 PHILIP ROSENBLUM, M.D., *Assistant Professor* (1 year)
 IRIS MCKY CHAMBERLAIN, M.D., *Associate* (1 year)
 BENJAMIN MORRIS GASUL, M.D., M.S., *Associate* (1 year)
 SOLOMON MAXWELL GOLDBERGER, M.D., *Associate* (1 year)
 SAMUEL JULIAN HOFFMAN, B.S., M.D., *Associate* (1 year)
 HARRY LEICHENGER, B.S., M.D., *Associate* (1 year)
 LOUIS SENDER ROBINS, R.Ph., B.S., M.D., *Associate* (1 year)
 THOMAS PAINE SALTIEL, B.S., M.D., *Associate* (1 year)
 GUSTAVE FRANKEL WEINFELD, M.D., *Associate* (1 year)
 SOL M. ABELSON, B.S., M.D., *Instructor* (1 year)
 JACOB JOSEPH BARATZ, B.S., M.D., *Instructor* (1 year)
 LOUIS JOSEPH HALPERN, B.S., M.D., *Instructor* (1 year)
 HOWARD MATTHEW JACOBS, B.S., M.D., *Instructor* (1 year)
 REUBEN ISADORE KLEIN,⁴ M.S., M.D., *Instructor* (1 year)
 BENJAMIN MORDECAI LEVIN, B.S., M.D., *Instructor* (1 year)
 SIDNEY OLDER LEVINSON, B.S., M.D., *Instructor* (1 year)
 EMANUEL PADNOS, B.S., M.D., *Instructor* (1 year)
 NORBERT PAUKER, B.S., M.D., *Instructor* (1 year)
 WILLIAM HARRIS REALS, M.D., *Instructor* (1 year)
 MAURICE SCHNEIDER, M.D., *Instructor* (1 year)
 JOHN ANTHONY SULDANE, M.D., *Instructor* (1 year)
 CLARA DEBORAH TIGAY, A.B., M.D., *Instructor* (1 year)
 EDWARD STUART BAXTER, B.S., M.D., *Assistant* (1 year)
 IRVING BERNHARD RICHTER, B.S., M.D., *Assistant* (1 year)

¹Also Assistant Director of Hospital Laboratory, salary budget.

²Also Instructor in Medicine.

³Also Instructor in Pediatrics.

⁴Also Instructor in Pathology.

Department of Pharmacology, Materia Medica, and Therapeutics

- BERNARD FANTUS, M.D., M.S., *Professor of Therapeutics* (1 year)
 CLARENCE WEINERT MUEHLBERGER, Ph.D., *Professorial Lecturer in Pharmacology and Toxicology* (1 year)
 VIRGIL ARNETT GANT, M.S., *Assistant* (1 year)

Department of Physiology

- IRVING E. STECK,¹ M.S., M.D., *Instructor* (1 year)

Department of Psychiatry

- LEE HARRISON METTLER, A.M., M.D., *Professor, Emeritus*
 FRANZ GABRIEL ALEXANDER, A.B., M.D., *Associate Professor* (1 year)
 ALFRED P. SOLOMON, A.B., M.D., *Assistant Professor* (1 year)
 SAMUEL HENRY KRAINES, B.S., M.D., *Associate* (1 year)
 STANISLAUS ANDREW SZUREK, M.S., M.D., *Associate* (1 year)
 JOSEPH CYRUS RHEINGOLD, M.S., M.D., *Associate* (1 year)
 LLOYD HIRAM ZIEGLER, A.M., M.D., *Lecturer* (1 year)
 RALPH HENRY KUHN, B.S., M.D., *Instructor* (1 year)
 SAMUEL B. BRODER, M.D., M.S., *Instructor* (1 year)
 JACOB PASKIND, M.D., *Instructor* (1 year)
 MAURICE KAPLAN, B.S., M.D., *Assistant* (1 year)
 EDWARD ROSS, M.D., *Assistant* (1 year)
 BERNARD SKORODIN, B.S., M.D., *Assistant* (1 year)
 ISRAEL RONALD SONENTHAL, B.S., M.D., *Assistant* (1 year)

Department of Roentgenology

- DAVID S. BEILIN, B.S., M.D., *Associate* (1 year)
 ALFRED CAMPBELL LEDOUX, M.D., *Instructor* (1 year)
 SAMUEL HERBERT RICHMAN, M.D., *Instructor* (1 year)
 HILMAR REINHOLD SCHMIDT, A.B., M.D., *Assistant* (1 year)

Department of Surgery

- CHARLES DAVISON, A.M., M.D., *Professor, Emeritus*
 WILLIAM MCINTIRE HARSHA, B.S., A.B., M.D., *Professor, Emeritus*
 CHARLES EDWARD HUMISTON, D.Sc., M.D., *Professor, Emeritus*
 LOUIS SCHULTZ, D.D.S., M.D., *Professor, Emeritus*
 GEORGE DE TARNOWSKY, M.D., *Professor* (Indefinite)
 FREDERICK GEORGE DYAS, M.D., *Professor* (Indefinite)
 NELSON MORTIMER PERCY, M.D., *Professor* (Indefinite)
 JOHN DOUGLAS KOUCKY, M.D., M.S., *Associate Professor* (1 year)
 SELIM WALKER MCARTHUR, Ph.B., M.D., *Associate Professor* (1 year)
 ROBERT BRUCE MALCOLM, M.D., M.S., *Associate Professor* (1 year)
 LINDON SEED, M.D., M.S., *Associate Professor* (1 year)
 FRANK JOSEPH JIRKA, M.D., *Associate Professor* (1 year)
 RALPH AUGUST KORDENAT, M.S., M.D., *Assistant Professor* (1 year)
 WILL FERSON LYON, A.B., M.D., *Assistant Professor* (1 year)
 WILLIAM HENRY HAZLETT, M.D., *Assistant Professor* (1 year)
 JULIUS LEO SPIVACK, M.D., *Assistant Professor* (1 year)
 RUDOLPH JUSTUS EMANUEL ODEN, A.B., M.D., *Assistant Professor* (1 year)
 BERNARD PORTIS, M.D., Ph.D., *Assistant Professor* (1 year)
 LOUIS WILLIAM SCHULTZ, D.D.S., B.S., M.D., *Assistant Professor* (1 year)
 HAROLD IRVING MEYER, A.B., B.S., M.D., *Assistant Professor* (1 year)
 BENJAMIN FRANKLIN CROUTCH, M.D., *Associate* (1 year)
 MINAS JOANNIDES, M.D., M.S., *Associate* (1 year)
 VIRGIL R. STEPHENS, M.S., M.D., *Associate* (1 year)
 GUSTAV LEOPOLD ZECHEL,² M.D., *Associate* (1 year)
 HENRY OSCAR WERNICKE, A.B., M.D., *Associate* (1 year)
 EMIL JAMES STEIN,³ M.D., *Associate* (1 year)

¹Also Instructor in Medicine.

²Also Assistant Professor of Anatomy, salary budget.

³Also Instructor in Anatomy, salary budget.

RAYMOND GREEN, B.S., M.D., *Associate* (1 year)
 CARL OSCAR ALMQUIST, B.S., M.D., *Associate* (1 year)
 WILLIAM CARL BECK, A.B., M.D., *Associate* (1 year)
 FOSTER LAMONT McMILLAN, B.S., M.D., *Associate* (1 year)
 GUY V. PONTIUS, B.S., M.D., *Associate* (1 year)
 COLQUITT OTIS RITCH, B.S., M.D., *Associate* (1 year)
 EUGENE LESTER BAKER, B.S., M.D., *Instructor* (1 year)
 CECIL DAVID BROWN, B.S., M.D., *Instructor* (1 year)
 LEO CLIFFORD CLOWES, A.B., M.D., *Instructor* (1 year)
 RICHARD MILTON DAVISON, M.D., M.S., *Instructor* (1 year)
 MARVIN GEORGE FLANNERY, A.B., B.S., M.D., *Instructor* (1 year)
 EPHRAIM FRANK GOODMAN, B.S., M.D., *Instructor* (1 year)
 PAUL WEBB GREELEY, A.B., M.D., *Instructor* (1 year)
 ARTHUR ABRAHAM HALEVY, M.D., *Instructor* (1 year)
 DAVID SMEATON JAFFRAY, B.S., M.D., *Instructor* (1 year)
 JOHN EUGENE LOTSPIECH, B.S., M.D., *Instructor* (1 year)
 HERMAN LOUIS MISHKIN,¹ B.S., M.D., *Instructor* (1 year)
 JOHN FRANCIS PICK, B.S., M.D., M.Mus., *Instructor* (1 year)
 DAVID HOWARD WAGNER,¹ M.D., M.S., *Instructor* (1 year)
 HENRY S. CAMBRIDGE, B.S., M.D., *Assistant* (1 year)
 WILLIS GLEASON DIFFENBAUGH, B.S., M.D., *Assistant* (1 year)
 HAROLD D. DYKHUIZEN, A.B., M.D., *Assistant* (1 year)
 FRANK HERMAN FOWLER, M.D., *Assistant* (1 year)
 ALF J. HOLM, A.B., M.D., *Assistant* (1 year)
 LOUIS ALOIS HOLUB, M.D., *Assistant* (1 year)
 JOSEPH HERMAN JESSER, A.B., B.S., M.D., *Assistant* (1 year)
 GEORGE WILLIAM MARQUARDT, D.D.S., *Assistant in Oral Surgery* (1 year)
 RICHARD ARTHUR MATTHIES, B.S., M.D., *Assistant* (1 year)
 HAROLD ALAN ROTH, A.B., B.S., M.D., *Assistant* (1 year)
 EDWARD CLARENCE SAHLSTROM, D.D.S., *Assistant in Oral Surgery* (1 year)
 RAYMOND ELMER SORENSEN, M.S., M.D., *Assistant* (1 year)
 EVERETT LEE STROHL, M.D., M.S., *Assistant* (1 year)
 PHILIP THOREK,¹ B.S., M.D., *Assistant* (1 year)

Urology

VINCENT JOHN O'CONOR, B.S., M.D., *Associate Professor* (1 year)
 JOHN TALBOT GERNO, M.D., M.S., *Associate* (1 year)
 JOSEPH WALKON PLATIN, M.D., *Instructor* (1 year)
 FREDERICK WILLIAM SCHACHT, M.S., M.D., *Instructor* (1 year)
 JOSEPH STEPHEN DRABANSKI, B.S., M.D., *Assistant* (1 year)

PROMOTIONS OF MEMBERS OF THE STAFF

(2) A recommendation from the Head of the Department of Chemistry and the Dean of the College of Liberal Arts and Sciences that the following promotions be authorized:

1. Professor W. C. Rose, increase in salary from \$7,500 to \$8,500.
2. Professor W. H. Rodebush, increase in salary from \$6,350 to \$7,000.
3. Professor C. S. Marvel, increase in salary from \$6,350 to \$7,000.

I concur in this recommendation.

On motion of Mr. Cleary, these promotions were authorized; the appropriation from the General Reserve fund was made by the following vote: Aye, Mr. Cleary, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Mr. Karraker, Mr. Wieland.

HEADSHIP OF THE DEPARTMENT OF ECONOMICS

(3) As the Board was advised at its meeting on March 18, 1938, the retirement of Professor E. L. Bogart will leave a vacancy in the headship of the Depart-

¹Also Assistant in Anatomy.

ment of Economics beginning September 1, 1938, and a report was made of steps taken to fill this vacancy. The Board requested that further consideration be given this matter.

A special committee of the faculty has made a study of the situation, including a canvass of the eminent economists who might be considered for the position and has submitted a report which is being presented herewith. The committee recommends that this position be filled by an appointment within the department and that Professor Merlin H. Hunter be appointed Head of the Department on indefinite tenure beginning September 1, 1938.

I concur in this recommendation. If it is approved, this will involve certain salary adjustments in the Department. I recommend that Professor Hunter's salary be \$6,000 a year beginning September 1, 1938, and that the President of the University be authorized to make such other adjustments as the equities of the situation require.

On motion of Mr. Cleary, this appointment was made as recommended, and the salary adjustments in the department were authorized.

DEAN OF THE COLLEGE OF AGRICULTURE

(4) Dean Herbert Windsor Mumford of the College of Agriculture and Director of the Agricultural Experiment Station and Extension Service in Agriculture and Home Economics died on May 31. He was completing 37 years of distinguished service on the faculty of the University of Illinois and would have retired September 1, 1939.

It is necessary that careful consideration be given to the filling of this important three-fold position, and this may take several months. We anticipated doing this during the last year of Dean Mumford's active service, but his death makes it necessary to make either a temporary or a permanent appointment immediately. Under the circumstances I recommend that Professor Joseph Cullen Blair, Head of the Department of Horticulture in the College of Agriculture and Chief in Horticulture in the Experiment Station, be appointed Dean of the College of Agriculture and Director of the Agricultural Experiment Station and of the Extension Service in Agriculture and Home Economics, beginning June 1, 1938, and continuing until August 31, 1939, at a salary of \$8,250 a year. Professor Blair will reach the retiring age next year. He came to the University as Instructor in Horticulture in 1896 and thus is completing 42 years of service. Since 1902 he has been Professor and Chief Horticulturist in the Station. At various times he has acted for Dean Mumford in the latter's absence and thus has had experience with the administration of the College and Station. It seems to me eminently appropriate that the Board recognize Professor Blair's long period of distinguished service by permitting him to complete his career of active service as Dean and Director.

On motion of Dr. Meyer, this appointment was made as recommended.

On motion of Mrs. Plumb, the following resolution was adopted.

Whereas, Herbert Windsor Mumford served the University of Illinois for nearly thirty-seven years with such unusual success and distinction as a teacher, a scientist, and an administrator, that he was regarded as of the highest rank in all these activities not only in the State of Illinois but nationally and internationally; and

Whereas, the Board of Trustees feels that in his death the University of Illinois in particular and agricultural education, research, and administration, and society in general, have suffered a great loss;

Therefore, be it resolved, by the Board of Trustees of the University of Illinois, that record be made, in the minutes of the Board, of its sense of loss and regret, and that the Secretary of the Board be directed to transmit a copy of this resolution to Dean Mumford's family.

**APPOINTMENT OF CHARLES WILLIAM JONES TO BOARD OF
EXAMINERS IN ACCOUNTANCY**

(5) A recommendation from the Committee on Accountancy that Mr. Charles William Jones, of the firm of Arthur Andersen and Company, of Chicago, be appointed as a member of the Board of Examiners in Accountancy for three years beginning July 1, 1938, to succeed Mr. E. B. Wilcox whose term expires at that time. I concur in this recommendation.

On motion of Mrs. Plumb, this appointment was made.

NEW APPOINTMENTS OF PROFESSORIAL RANK

(6) A report of the following appointments to the staff of the rank of Assistant Professor and above, effective September 1, 1938:

1. Moritz Goldhaber, Assistant Professor of Physics, at an annual salary of \$3,000.
2. John R. Richardson, Assistant Professor of Physics, at a salary of \$3,000 a year.
3. Harold L. Walker, Assistant Professor of Metallurgical Engineering, at a salary of \$3,000 a year.
4. Frederick L. Wynd, Assistant Professor of Botany, at a salary of \$3,000 a year.

This report was received for record.

RESIGNATION OF PROFESSOR E. A. K. CULLER

(7) A report that Professor E. A. K. Culler, of the Department of Psychology, has submitted his resignation effective September 1, 1938, to accept the position of Director of the Laboratory of Psychology at the University of Rochester.

This report was received for record.

RESIGNATION OF PROFESSOR JOSE A. BALSEIRO

(8) A report of the acceptance of the resignation of Associate Professor Jose A. Balseiro, of the Department of Romance Languages, effective September 1, 1938.

This report was received for record.

LEAVES OF ABSENCE

(9) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:

1. Mr. Ronald T. Ranson, Assistant in the Department of Agricultural Economics, leave of absence without pay from May 1 to July 18, 1938, or such time prior to July 18 as he may be able to return to his duties, for the purpose of making certain studies for the United States Department of Agriculture.
2. Dean William B. Day, of the College of Pharmacy, additional leave of absence on account of illness, with pay, from June 15 to September 1, 1938.
3. Dr. Robbie N. Brunner, Associate in Anaesthesia in the College of Medicine, additional leave of absence for the purpose of study, without pay, from June 15 to July 1, 1938.

On motion of Dr. Meyer, these leaves were granted as recommended.

**SALARY PROVISIONS FOR HEADSHIPS OF DEPARTMENTS
OF PHILOSOPHY AND ZOOLOGY**

(10) The headships of the Departments of Philosophy and Zoology in the College of Liberal Arts and Sciences are vacant. In order to bring to these positions the caliber of men needed, it will be necessary to provide more adequate salaries, and I therefore recommend that the Board authorize salaries of \$7,500 a year for each of these positions.

On motion of Mrs. Plumb, these increases were authorized; the appropriation of \$2,700 was made by the following vote: Aye, Mr.

Cleary, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Mr. Karraker, Mr. Wieland.

MODEL OF UNIVERSITY HALL

(11) It was suggested at the meeting of the Board on March 18 that a replica of University Hall be made in miniature with as much detail of the exterior as it is possible to include in a small model.

The Physical Plant Department has submitted the following estimates of the cost of a model:

The Diorama Corporation of America.....	\$525
United Display Service.....	350
Mr. John Davis, Instructor in Architecture.....	500

These estimates are based on a scale of $\frac{3}{32}$ of an inch equals one foot, which would result in a model about 20 inches wide (i.e., the front), $11\frac{3}{4}$ inches deep, and 12 inches high (the highest point of the east tower). A model 40 inches wide would cost the same.

No action was taken on this matter.

STUDIES OF UTILIZATION OF SPACE IN UNIVERSITY BUILDINGS

(12) A recommendation that an assignment of \$1,000 be made to the Bureau of Institutional Research (an assignment from the unassigned balance in the operating budget) to provide for a part of the salary of a research assistant, to make a survey of the utilization of room space in University buildings. The balance of \$800 of this salary will be charged to the operation and maintenance account of the Physical Plant Department.

On motion of Mrs. Plumb, this appropriation was made, by the following vote: Aye, Mr. Cleary, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Mr. Karraker, Mr. Wieland.

NON-RECURRING APPROPRIATIONS

(13) A recommendation that the following appropriations for special equipment, improvements, and other non-recurring expenditures be made for the fiscal year beginning July 1, 1938. These appropriations are over and above the budget appropriations for normal operation and equipment and are for special non-recurring needs of the year or for securing necessary important but costly equipment which should not be included in the normal operating budget. Appropriations for these special purposes are made in total for the benefit of all departments of the college or division indicated unless otherwise specified and may be expended only on requisition approved by the dean of the college or the head of the division concerned.

1. Equipment for statistical laboratory in the College of Commerce and Business Administration.....	\$3 000
2. Conference on Problems of Higher Education in Illinois.....	6 500 ¹
3. Extension for University Auditorium stage.....	1 130
4. Recreation and lounge rooms in Residence Halls....	8 000
5. Equipment for Industrial Education.....	1 600
6. Parking area at 210 South Mathews Avenue, Urbana	800
7. Floor covering in aisles of Smith Memorial Music Hall.....	1 060
8. Overhauling organ in Auditorium.....	4 500

These proposals were considered and approved separately. On motion of Mr. Moschel, the appropriation of \$26,590 was made by

¹On January 20, 1938 (Minutes, pages 602-603), the Board authorized a budget of \$10,000 to cover the expenses of this Conference, of which \$3,500 was appropriated for use during 1937-1938.

the following vote: Aye, Mr. Cleary, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Adams, Mrs. Freeman, Mr. Horner, Mr. Karraker, Mr. Wieland.

APPROPRIATION FOR NEW CLASSROOM BUILDING

(14) Pursuant to the authorization of the Board at its meeting on February 11, a bill was introduced in the First Special Session of the 60th General Assembly for an appropriation for a building to replace the space lost in University Hall.

In the discussions of this building with the Governor (in his office on March 3 and again on March 10 when he visited the University to inspect University Hall) he was advised that \$750,000 was the estimate of the minimum necessary for a building to replace the space lost in University Hall. On April 13 he was sent a formal memorandum including a brief history of University Hall and the considerations which led to the decision of the Board to raze the building. This memorandum opened with the statement:

"The Board of Trustees of the University of Illinois has requested the Governor to include in the proclamation calling a special session of the General Assembly an item for an emergency appropriation of \$750,000 for a classroom and office building to relieve the conditions created by the abandonment and subsequent razing of University Hall."

The estimate given the Governor was based on the cost per cubic foot of the Architecture Building, since this is one of our more recent buildings and the building to replace University Hall will be of the same style of architecture and construction. A schedule of the cost estimates, prepared by the Physical Plant Department, was given the Governor on March 3. This schedule shows that the work area in University Hall was 97,300 square feet, or 1,581,525 cubic feet. The estimated cost of a building to replace it was arrived at by multiplying this cubage by \$.44 (the cost per cubic foot of the Architecture Building as originally calculated by the Physical Plant Department), resulting in a total of \$695,695. This unit cost is too low, as the Physical Plant Department did not include in its calculations the cost of service lines. Thus the total cost per cubic foot of the Architecture Building was actually \$.455 instead of \$.44, so that the base figure of the cost of replacement of University Hall should be \$719,411 instead of \$695,695. However, with the schedule of cost estimates which was given the Governor was a letter from the Director of the Physical Plant Department pointing out that the calculation was made on the assumption that space in the new building would be used to the same extent as in the old, which would make it necessary to use attic and basement areas for classroom purposes instead of for general service and storage, and that if departments are not to be assigned to basement and attic areas \$65,000 should be added to the estimate, making a total of \$760,000 for the building.

Aside from the above considerations, the base figure of \$695,695 (or \$719,411 as corrected) does not include the entire cost of the building because it has been contemplated that a part of the public areas would be air-conditioned, and this would require an addition of \$50,000 or \$60,000 to the base estimate.

In his proclamation calling a special session of the 60th General Assembly, the Governor included the following item:

"Appropriation of not more than \$700,000 to replace University Hall on the campus of the University of Illinois."

It was not anticipated that he would specify the amount in the call, but in view of this limitation a bill was introduced for an appropriation of \$700,000 for this building. This bill was passed by the General Assembly on June 8, and now goes to the Governor for his action.¹

¹This bill failed to receive a two-thirds vote in the Senate as required by the State Constitution in the case of supplementary appropriations made at special sessions of the General Assembly. Since the Attorney General expressed doubt of the validity of the original bill, a new bill was introduced on June 14, 1938.

PLANS FOR NEW CLASSROOM BUILDING

The Director of the Physical Plant Department submits for the approval of the Board small-scale building plans, including floor plans, perspective, and elevations of the new building, to replace the space lost in University Hall. Following is a comparative schedule of proposed space assignments other than for general classrooms.

	<i>Present Areas</i> <i>Sq. Ft.</i>	<i>Proposed Areas</i> <i>Sq. Ft.</i>
College of Education.....	6 890	9 906
School of Journalism.....	12 280	15 781
Psychology Department	14 235	13 183

I recommend approval of the space allocations, and if the plans submitted meet with the approval of the Board, I recommend further that the Physical Plant Department be authorized to submit working drawings and specifications to contractors for bids.

It is important that work on this building be started at the earliest possible date. I therefore recommend that if the Board cannot meet when bids have been received the Executive Committee be authorized to award the contracts to the lowest bidders, provided they are within the funds available for this building.

On motion of Mr. Cleary the space allocations and the plans were approved, and authority was granted as recommended.

LEGISLATION TO AUTHORIZE FINANCING OF STUDENT CENTER BUILDING AND DORMITORIES THROUGH BOND ISSUES

(15) A report that the President of the Board of Trustees, the President of the University, and the University Counsel had a conference with the Governor on June 2 concerning legislation which would enable the University to finance self-liquidating buildings, specifically a Student Center or Union Building and dormitories, through bond issues.

The Governor was requested to approve the introduction of a bill for an act which would empower the State, through the Board of Trustees, to apply for and obtain grants, or loans, or both from the United States Government in order to erect such buildings, which bill would authorize the Board to issue bonds not in excess of \$500,000 for a Student Center Building and not in excess of \$350,000 on each project for dormitories.

This report was received for record.

The following telegram, signed by the six members of the Board who were present, was sent to Governor Horner.

June 9, 1938

Governor Henry Horner, The Capitol, Springfield, Illinois

An unprecedented opportunity for our State and University to obtain a federal grant for a student union now approved by all divisions of Public Works Administration will be lost unless suitable legislation is passed at this special session. Unless bill is promptly introduced it cannot be enacted before July 1, and after July 1 will be too late. Likewise our application for dormitory will fail without such legislation as explained to you last Thursday. Kindly wire consent care of Blackstone Hotel, where Board is now in session, to introduce bill discussed with you. Introduction of bill will not commit you to support it unless you feel that it adequately safeguards or can be amended to safeguard State's interest. Individually and collectively we most urgently ask your favorable consideration of this legislation which can place more than a million dollars worth of badly needed buildings on the campus of the University without cost to the taxpayers of Illinois.

OSCAR G. MAYER, *President*
KARL A. MEYER
HAROLD A. POGUE
Mrs. GLENN E. PLUMB
JAMES M. CLEARY
LOUIS C. MOSCHEL

On motion of Mr. Pogue, the following resolution was adopted:

Whereas, the Executive Committee of the Board of Trustees of the University of Illinois did on May 14, 1938, adopt a resolution authorizing A. C. Willard to execute and file on behalf of the Board of Trustees of the University of Illinois an application to the United States of America for a loan and grant or grant to aid in financing the construction of a student union building, and to furnish such information as the United States of America through the Federal Emergency Administration of Public Works may reasonably request in connection therewith;

Now, therefore, be it further resolved, by the Board of Trustees of the University of Illinois, that the amount of such loan and grant or grant to be applied for shall be one million dollars (\$1,000,000); and

Be it further resolved, by the Board of Trustees of the University of Illinois, that A. C. Willard be, and he is hereby, empowered to include in his application requests for the following loans and grants, or grants (grants in all cases to be forty-five per cent (45%) of the total costs), for buildings to be constructed at the approximate amounts indicated below:

Building to replace University Hall.....	\$ 772 727
Library addition.....	350 000
Hospital addition.....	150 000
Dormitories.....	1 180 000

ILLINOIS ORCHARD COMPANY BONDS

Mr. Moschel, for the Finance Committee, presented the following:

On April 27, 1938 (page 787), a report was made to the Board of Trustees concerning foreclosure on Illinois Orchard Company bonds received as a part of the Kendric C. Babcock Endowment Fund. At that time the possibility of further recovery from mineral rights was indicated. The trustee now requests the Board to execute a quit-claim deed to the property to enable him to realize on the mineral rights.

The Finance Committee recommends that the President and the Secretary of the Board be authorized to execute such a deed on the execution of a declaration of trust by the trustee of the bond issue, satisfactory to the University Counsel and the Comptroller.

On motion of Mr. Moschel, this recommendation was approved and the officers of the Board were authorized to execute the necessary documents.

PURCHASE OF ILLINOIS UNION PROPERTIES

The Comptroller presented the following report from the Special Committee of the Board of Trustees appointed to consider the purchase of Illinois Union properties:

The Special Committee appointed March 18, 1938, to consider the purchase of the Illinois Union Building submits this report.

The committee has inspected the properties owned by the Union and considered the reports and recommendations of the faculty committee appointed by the President to review this matter, copies of which have been sent to all members of the Board of Trustees.

Status of Illinois Union.—The Illinois Union operates in a dual capacity. As a corporation, it consists of a board of directors made up of members of the faculty appointed by the President, alumni appointed by the Alumni Association, and students elected by student members of the Illinois Union. The same board supervises the activities of the Illinois Union, a student association of which all undergraduate men students of the University automatically are members. Although as a corporation the Union is legally distinct and separate from the University, it is in fact an agency of the University.

Properties of the Union.—The properties owned by the Union include the Union Building at the corner of Wright and John Streets, a vacant area to the

west of this building with a frontage of about 50 feet on John Street, and the Union Arcade Building, formerly known as the Bradley Building, immediately north of the Union Building. The properties are directly opposite the Law Building.

The original investment in these properties by the Union amounted to approximately \$210,000 and additional improvements bring the total investment at cost to \$235,204 subject to mortgage obligations of \$156,325. The Union also has floating indebtedness, resulting mainly from outlays for property improvements, amounting to about \$15,000, including \$10,000 owing the University.

The investment in the Union Building property is \$132,565 subject to mortgage obligations of \$84,950. All mortgages, however, are blanket mortgages on the two properties.

The University is now leasing a part of the Union Building and assuming the expense of maintenance and operation of this building at a total annual cost of about \$11,000. Other portions of the building which are leased to other parties are self-supporting. However, the building is in very poor condition due to the lack of adequate maintenance, and the Physical Plant Department estimates an expenditure of \$27,000 as necessary to put it in condition comparable with University buildings. The Arcade Building is in good condition and is self-supporting both as to operation and maintenance expense and as to debt service.

Conclusions of the Committee.—

(1) The Committee feels that it is desirable that the University, on its own account or through agencies connected with it, retain control of these properties. It is essential to have the present Union Building for use as a center of student and alumni activities until such time as a new Union Building can be provided. It is also important that commercial development be kept out of this area, in view of its proximity to the campus. Both of these buildings will be permanently useful to the University, even when their use as a student and alumni center terminates.

(2) Since the Union has acted as a recognized agency of the University in endeavoring to meet the needs for a student and alumni center as fully as possible, it should be assisted in relieving itself of the financial responsibility assumed by it in good faith in doing this.

(3) It is impossible for the Illinois Union to carry the Union Building without the aid of the University. It would also be essential that the University provide funds for putting the building in satisfactory condition. In view of these outlays by the University it is essential that provision be made that title to the Union Building property ultimately come to the University and that provision to this end be made now.

(4) The proposals of the Union for conveyance of the Union Building property appear to the Committee to be in general satisfactory except that we do not believe the University could commit itself to a future expenditure of \$27,550 for the credit of the Union on a new Union Building. We recognize that the Union has invested approximately \$78,000 of its own income in the present properties and has rendered an important and valuable service in maintaining a student and alumni center when neither the University nor other agencies were in a position to do this. On the other hand the condition of the properties does not, in our opinion, justify the payment of this amount to the Union at the present time, and we deem it impossible for the present Board of Trustees to commit future Boards to such a program.

Recommendations.—In view of these facts and considerations, the Committee submits the following recommendations:

(1) That the Board of Trustees enter into a lease with the University of Illinois Union for the Union Building property for a consideration of \$10,000 a year, the Union to meet debt service requirements, taxes, and insurance, the University to assume all expense of operation, maintenance, and management of this property. This will involve, if no increase is made in the space used for University purposes, an increased expenditure of \$4,000 a year to provide for better maintenance, or a total of \$15,000 which the Committee understands is

provided for in the Physical Plant budget for 1938-1939. If the administration finds it necessary to occupy additional parts of the building and thus give up present income from outside parties, a further addition might be necessary. The maximum amount of such addition for occupancy of the entire building is estimated to be \$12,500 a year, or a total of \$27,500 a year. It is unlikely that this maximum addition will be required immediately.

Since this lease cannot be made for a period of more than one year due to constitutional limitations, it should carry with it the irrevocable option to the University to renew it for succeeding periods as long as the University may so desire.

(2) That an appropriation of \$20,000 be made to the Physical Plant Department for immediate repairs on the Union Building, it being understood that a further appropriation of at least \$7,000 will be necessary at some future time.

(3) That, in consideration of these expenditures and commitments by the University, the Union be required to execute to the University a contract for deed to the University to the Union property, this deed to be delivered to the University when all mortgage obligations on the property have been liquidated; also a contract to convey the Arcade property in the event of any foreclosure of any blanket mortgages covering both of these properties or any extensions of such mortgages.

(4) That, in consideration of these arrangements, the University (a) cancel existing indebtedness of the Illinois Union to the University in the amount of approximately \$10,000 and (b) appropriate the sum of \$10,000 or so much thereof as may be necessary to be paid to the Union to enable it to liquidate floating obligations and leave it with a working balance of about \$2,500.

(5) That the request of the Union, for an expenditure by the University of \$27,550 toward a new Union Building to be credited to the Union in lieu of the relinquishment of its investment of \$51,115 in the property, be received for record so that it may be given consideration if and when a new Union Building is constructed.

Respectfully submitted,

ORVILLE M. KARRAKER, *Chairman*
HAROLD A. POGUE
LOUIS C. MOSCHEL

During the presentation of this matter, President Mayer, having been called from the room, asked Mrs. Plumb to take the chair.

On motion of Mr. Moschel, the Board voted to accept the recommendations of the Committee, provided that the Union be required to execute also a contract for deed to the Arcade property, this deed to be delivered when mortgage obligations are paid, with the understanding that the Union is given the privilege of retaining the management and the operation of the Arcade property until mortgage obligations are paid, the Union to assume all debt service obligations on this property on a basis for complete amortization of principal and interest in twenty years, also all taxes, insurance, and other operating expenses, also all expenses of maintenance in a manner approved by the University, any net income from that property or the operations conducted by the Union in it after providing for these items to be retained by the Union for its student activities.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board resumed consideration of matters presented by the President of the University.

SALE OF PROPERTY IN CHICAGO

(16) A report from the Director of the Physical Plant Department on the sale of property adjacent to that owned by the University of Chicago.

This report was received for record.

**OFFER OF LOCAL IMPROVEMENT BONDS ON THE
GALLIVAN ADDITION**

(17) The firm of Dobbins, Dobbins, and Thomas, Attorneys of Champaign, offers the University, on behalf of its clients, local improvement bonds issued on the Gallivan Addition in Urbana in the principal amount of \$4,400, together with accrued interest thereon, for 60 per cent of the principal amount of the bonds, or \$2,640, plus accrued interest to date which is approximately \$1,848, or a total of \$4,488. This offer is subject to acceptance within 45 days from the date thereof, May 13, 1938.

No action was taken on this matter.

SALE OF ROSELAWN CEMETERY LOTS

(18) On May 27, 1936 (Minutes, page 659), the Board of Trustees approved the recommendation of the Committee on Buildings and Grounds that the University's holdings in Roselawn Cemetery be sold and the proceeds be used for the purchase of other desirable property.

Pursuant to this action, the Physical Plant Department has been attempting to find a buyer. The Director has an offer of \$200 for an option to purchase the unsold lots in Roselawn Cemetery owned by the University at a price of \$15,000, the option to expire September 1, 1938. If the option is exercised, the buyer will pay the entire purchase price in full on or before the expiration of the option.

The University purchased the unsold lots in the cemetery in 1930 at a price of \$22,000 and has since maintained them at an annual expenditure of approximately \$150. The Board has recently authorized the sale of six quarter lots at a total of \$630. The University still owns approximately 930 quarter lots, in addition to several partial lots along drives, fences, and single lots, including the potter's field. The Board has authorized the sale of lots at a rate of \$105 a quarter lot (10 by 12 feet) subject to the following conditions:

1. Use of the property is to be restricted to burial purposes only.
2. No mausoleums are to be erected by the grantee or any successor in interest or transferee.
3. The purchaser shall endow the lots through the Roselawn Cemetery Association at the rate of \$25 a quarter lot.

This matter was referred to the President of the University for further study.

**OFFER OF PROPERTY AT 1205 WEST SPRINGFIELD
AVENUE, URBANA**

(19) The owner of the property at 1205 West Springfield Avenue, Urbana, which adjoins University property, has again offered it for sale to the University at a price of \$3,775. This offer (at \$3,750) was submitted to the Board on March 18, but no action was taken.

No action was taken on this matter.

REVISED CURRICULUM IN CHEMICAL ENGINEERING

(20) A recommendation from the University Senate that the Board of Trustees authorize the following curriculum in Chemical Engineering to replace the present curriculum, effective in September, 1938, and applicable to all new students entering the University and enrolling in that curriculum hereafter.

On motion of Mr. Cleary, this curriculum was approved as recommended.

<i>First Year</i>			
FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
Chem. 8a—Inorganic Chemistry and Qualitative Analysis.....	5	Chem. 8b—Inorganic Chemistry and Qualitative Analysis.....	5
Math. 2—College Algebra.....	3	Math. 6a—Analytical Geometry..	4
Math. 4—Plane Trigonometry....	2	German or French.....	4
German or French.....	4	Rhet. 2—Rhetoric and Composition.....	3
Rhet. 1—Rhetoric and Composition	3	Hygiene 5.....	2
Physical Education.....		Physical Education.....	
Military Drill and Theory.....		Military Drill and Theory.....	
<i>Total</i>	<u>17</u>	<i>Total</i>	<u>18</u>
<i>Second Year</i>			
Chem. 24—Quantitative Analysis..	5	Chem. 34—Organic Chemistry....	5
Math. 8a—Differential Calculus... 3		Math. 8b—Integral Calculus..... 3	
Phys. 1a—General Physics.....	4	Phys. 1b—General Physics.....	4
Phys. 3a—Physics Laboratory.....	1	Phys. 3b—Physics Laboratory....	1
G.E.D. 6—Elements of Drawing... 3		T.A.M. 1—Analytical Mechanics	2
Physical Education.....		Physical Education.....	
Military Drill and Theory.....		Military Drill and Theory.....	
<i>Total</i>	<u>16</u>	<i>Total</i>	<u>15</u>
<i>Third Year</i>			
Chem. 36—Organic Chemistry....	3	Chem. 42b—Physical Chemistry..	3
Chem. 37—Organic Chemistry Lab.	2	Chem. 63b—Chemical Engineering	3
Chem. 40—Physical Chemistry....	3	M.E. 2—Steam Engineering.....	3
Chem. 41—Physical Chemistry Lab.....	1	E.E. 12—Alternating Current Apparatus.....	3
T.A.M. 3—Resistance of Materials	3	E.E. 62—D.C. and A.C. Lab.....	1
T.A.M. 63—Resistance of Mat. Lab.....	1	Elective.....	5
E.E. 11—Direct Current Apparatus	3		
E.E. 61—D.C. and A.C. Lab.....	1		
<i>Total</i>	<u>17</u>	<i>Total</i>	<u>18</u>
<i>Fourth Year</i>			
Chem. 44a—Thermodynamics.....	2	Chem. 61b—Principles of Chemical Engineering.....	3
Chem. 60a—Chemical Engineering Unit Processes.....	3	Chem. 66b—Inspection Trip.....	$\frac{1}{2}$
Chem. 61a—Principles of Chemical Engineering.....	3	Chem. 68b—Unit Operations Laboratory.....	2
Chem. 62a—Principles of Research and Development.....	2	M.E. 61—Mechanical Engineering Laboratory.....	2
Chem. 66a—Inspection Trip.....	$\frac{1}{2}$	Elective.....	10 ¹
Chem. 68a—Unit Operations Laboratory.....	2		
Chem. 69a—Chemical Engineering Projects Laboratory.....	2		
Elective.....	3		
<i>Total</i>	<u>17$\frac{1}{2}$</u>	<i>Total</i>	<u>17$\frac{1}{2}$</u>

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

(21) A recommendation from the University Senate that a fifth year of professional training in business administration, leading to the degree of Master

¹Five hours to be in courses for advanced undergraduates and graduates in Chemistry or Chemical Engineering, approved by the advisor.

of Business Administration (M.B.A.), be authorized, to be conferred on candidates who have satisfactorily completed the required amount of seminar work and study, normally one year of residence, and passed a comprehensive examination in the various aspects of business administration.

The requirements for admission to the program of study leading to the degree are: (1) a bachelor's degree from a recognized college of commerce, school of business, or the equivalent; and (2) a scholastic average in academic subjects substantially above the minimum requirements for the bachelor's degree.

This proposal has been approved by the Executive Faculty of the Graduate School and endorsed by the Dean of the Graduate School.

On motion of Mrs. Plumb, this work and degree were authorized as recommended.

FEES FOR PROFESSIONAL TRAINING COURSES IN MEDICINE AND DENTISTRY

(22) The Faculty Committee on Fees and Scholarships recommends that the following fees proposed by the Colleges of Medicine and Dentistry be authorized:

The fee for physicians' training courses in the College of Medicine and for Operative Dentistry, No. 62, in the College of Dentistry shall be \$75 a semester plus laboratory and clinic fees. Where registrations are accepted for one-half a course or less, the tuition fee will be \$50 a semester. Laboratory and clinic fees will be determined for each individual registration jointly by the department concerned, the Registrar's Office, and the Business Office, on the basis of the cost of the materials involved. Fees will be assessed and collected at the time of registration.

On motion of Mr. Cleary, these fees were authorized as recommended.

PATENTABLE DISCOVERIES BY MEMBERS OF THE STAFF

(23) The Faculty Committee on Patents submits the following report of its consideration of various patentable discoveries:

1. On June 9, 1937 (Minutes, page 282), the Board of Trustees authorized an agreement with the Associated Milk Dealers, Inc., of Chicago, providing for a study to be financed by that organization of present sanitary standards of milk bottle caps in general use in Chicago, with the view to developing specifications for an "ideal sanitary milk cap." This work has been carried on by the University through the Department of Pathology of the College of Medicine, and in cooperation with the Department of Dairy Husbandry of the College of Agriculture, under the direction of Professor Lloyd Arnold. In the course of his investigations, he has developed a type of bottle, which is superior to any now in use, and the Committee on Patents recommends that he be authorized to file an application for a patent, on condition that the same be assigned to the University.

2. Professor L. F. Audrieth, of the Department of Chemistry, and Mr. Michael Sveda, his assistant, have found during the course of their researches on alkyl and aryl sulfamic acids that certain derivatives of this series of compounds possess properties and characteristics which may be of practical value. They have found that salts of aryl and alkyl sulfamic acids can be prepared readily by the interaction of chlorosulfonic acid and the corresponding amines.

Professor Audrieth and his assistant have found that other sulfamic acids possess a sweet taste. These may be possible substitutes for saccharine, but further work must be done on them to determine their physiological effects and whether they can be produced at a cost which would make them marketable.

It is the judgment of Professor Roger Adams, Head of the Department of Chemistry, in which the Committee on Patents concurs, that this discovery, if patentable, which is doubtful, has virtually no possibility of commercial value, and that the University would not be justified in spending money in applying for a patent. The Committee therefore recommends that the discovery be released to Professor Audrieth and his assistant, Mr. Sveda.

3. Dr. D. G. Nicholson, of the Department of Chemistry, has found in the course of his research work that calcined mixtures of titanium hydroxide and cobalt chloride, as well as of titanium hydroxide and cobalt hydroxide, result in green colored compounds which may have value as paint pigments. In the judgment of Professor Adams this discovery, while of scientific significance, is of very doubtful commercial value, and the Committee on Patents recommends that the discovery be released to Doctor Nicholson.

On motion of Mrs. Plumb, the following resolution was adopted:

Whereas, the Faculty Committee on Patents has submitted recommendations concerning a patentable discovery by Professor Lloyd Arnold of a sanitary milk bottle, which discovery seems to have important scientific and commercial value;

Therefore be it resolved, by the Board of Trustees of the University of Illinois, that Professor Lloyd Arnold be, and he hereby is, authorized to file application for United States letters patent on this discovery, at University expense, on condition that this patent be assigned to the University; and

Whereas, Professor L. F. Audrieth and Mr. Michael Sveta have made a discovery connected with the preparation of salts of aryl and alkyl sulfamic acid by the interaction of chlorosulfonic acid and the corresponding amines, which discovery does not seem to be of sufficient commercial importance to justify the expenditure of public funds in obtaining a patent;

Therefore be it resolved, by the Board of Trustees of the University of Illinois, that the option of the University to require the discoverers to file an application for letters patent on this discovery be not exercised; and

Whereas, Dr. D. G. Nicholson has made a discovery connected with the preparation of green colored compounds from calcined mixtures of titanium hydroxide and cobalt chloride, as well as of titanium hydroxide and cobalt hydroxide, which discovery does not seem to be of sufficient commercial importance to justify the expenditure of public funds in obtaining a patent;

Therefore be it resolved, by the Board of Trustees of the University of Illinois, that the option of the University to require the discoverer to file an application for letters patent on this discovery be not exercised.

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(24) A report of the extension of the following agreements for cooperative investigations:

1. New Jersey Zinc Company, agreement to continue studies on the possible relation of zinc poisoning to a fatal disease in colts, for a period of one year beginning May 1, 1938, with the understanding that it may be extended for an additional period under the same terms or such other terms as may be mutually agreed upon. The Company has agreed to contribute \$1,000 for the expenses of this investigation.

2. Tobacco By-Products and Chemical Corporation, agreement to continue the cooperative investigations known as the "Nicotine Insecticide Project," until January 1, 1939. The Corporation will contribute an additional \$625 for the cost of this investigation.

3. Aluminum Company of America, agreement for the continuation of the study on fluorine with particular reference to the use of fluorine insecticides in the spraying of fruits and vegetables. This renewal is for the year ending June 30, 1939. The Aluminum Company of America will support this project to the extent of \$3,500.

On motion of Mr. Moschel, the extension of these agreements was approved.

PURCHASES RECOMMENDED

(25) A recommendation that the following purchases be authorized:

1. One hundred seventeen cases Pyrex Laboratory Glassware for stock, for the General Chemical Storeroom, from A. Daigger and Company, Chicago, at a price of approximately \$1,825. This is a non-competitive item and the

Corning Glass Works is the only concern manufacturing this type of laboratory glassware, which is sold through jobbers at prices fixed by the manufacturer. The lowest price applies to orders for lots of 100 or more cases. It is customary to pass this business around among dealers who have rendered satisfactory service in previous years.

2. One 60-gallon Continuous Ice Cream Freezer, for the Department of Dairy Husbandry, from the Creamery Package Manufacturing Company, Fort Atkinson, Wisconsin, at a price of \$1,575, f.o.b. Fort Atkinson. This is a non-competitive item, as requirements call for the particular type of freezer manufactured by this company.

3. Twenty cases Rag Bond (25%) Paper, from Dwight Brothers Paper Company, Chicago, at prices of 13¢ per pound for the white, and 14¢ per pound for the colored paper, at an approximate total cost of \$1,313.60, f.o.b. Urbana. All of the prices secured on this paper from various dealers are the same; this Company has supplied the University in the past, and in the opinion of the Purchasing Agent its paper has been of a better quality than the others.

4. Twenty-five microscopes for the Department of Zoology to replace old microscopes which are being traded in, from E. Leitz, Incorporated, Chicago, the lowest bidder, at a price of \$1,650.00.

5. One Vickers Type Hardness Testing Machine, for the Department of Mining and Metallurgical Engineering, from the Pittsburgh Instrument & Machine Company, at a price of \$1,092.50, f.o.b. Urbana.

On motion of Mrs. Plumb, the purchase of items 1, 2, 4, and 5 was approved; and all bids under item 3 for paper were rejected, and the Comptroller was authorized to purchase this paper on the open market at the best rates obtainable (less than the bids reported).

PURCHASE AUTHORIZED

(26) A report of the following purchase authorized by the President of the University in accordance with the University Statutes:

1. Carpet to be laid in aisles and other unseated areas of Auditorium, from Marshall Field and Company, the lowest bidder, at a price of \$1,393.18.

This report was received for record.

REPORT OF DEATH BENEFITS PAID

(27) A report that the Comptroller has been authorized to pay the death benefits to the beneficiaries of the following members of the staff in accordance with the University Statutes and the terms of their employment:

1. Herbert W. Mumford, Dean of the College of Agriculture—\$3,000.
2. Proctor E. Henwood, Associate in the Department of Mechanical Engineering—\$1,350.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(28) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

APRIL 20, 1938, TO JUNE 2, 1938

Minor contracts executed under general regulations of Board of Trustees:

<i>With Whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Illinois-Iowa Power Company	Agreement covering purchase of electrical energy	Scheduled rates	April 27, 1938
Brinks Incorporated	Agreement providing for "change" service for Chicago departments	\$1.00 per month	April 1, 1938
Sargent and Lundy, Incorporated	Agreement in regard to consulting engineering services for survey of Power Plant	\$2 500 00	May 26, 1938

This report was received for record.

ROBBERY IN THE DISPENSARY OF THE COLLEGE OF MEDICINE

(29) A report from the Comptroller of a robbery which occurred in the Research and Educational Hospital on the afternoon of May 5 when three masked bandits entered the office of the chief clerk of the Hospital, forcing him to turn over about \$70 in cash and later forcing the University's Dispensary cashier on the same floor to give up the amount of cash in his office at the time, namely, \$37.85. It is the practice to transfer receipts daily from this office, as well as all other University offices at which money is collected, to the Business Office. The day's collections had been prepared in a separate package for transmittal, and this was overlooked by the bandits.

The University carries insurance against such losses. The insurance company has made an examination, confirmed the report of loss, and will reimburse the University.

This report was received for record.

BUDGET FOR THE ATHLETIC ASSOCIATION FOR 1938-1939

(30) The budget of the Athletic Association, showing the estimated income and expenses for the fiscal year July 1, 1938, to June 30, 1939, is presented herewith as required by the by-laws of the Association; copies are being filed with the Secretary of the Board and the Comptroller for record.

Estimated Income.—The estimated total income is \$198,050. The income for the current year, according to the latest financial statement from the Athletic Association, is \$224,732 as compared with an estimate of \$186,155.

Estimated Expense.—The estimated expenditures for the coming year are \$190,756. The budget of operating appropriations for the current year, including changes made during the year, is \$188,002, while the actual expenditures will be about \$184,000. Non-recurring appropriations for the current year total \$45,500, including Ice Rink repairs, cover for football field, and special repairs of the Stadium.

Surplus.—At the beginning of the current year the Association had an operating surplus of \$67,480. The present estimate of surplus at the close of the year is \$55,000 (this is after setting aside a reserve to pay the contingent liability of the Association for Federal tax on admissions). The estimated excess of income over expenditures for the coming year as per the budget submitted is \$7,294. The budget appears to have been drawn, therefore, on a conservative basis, and the financial position of the Association is satisfactory.

Salaries payable jointly by the University and the Association are correctly stated in accordance with the University budget approved in April. Two corrections appear as to items paid entirely by the University, items 14 and 28, page 29.

I recommend that this budget be referred to the Finance Committee for consideration, and pending its report that it be tentatively approved, subject to any changes or adjustments which the Board, on recommendation of the Committee, may direct.

This budget was tentatively approved and referred to the Finance Committee for study and report, as recommended.

GIFTS TO THE UNIVERSITY

(31) A report of the following gifts received by the University since the last report:

1. The Ferro Enamel Corporation, Cleveland, Ohio, \$1,000 for the continuation during 1938-1939 of its fellowship in Ceramic Engineering.

2. The Illinois Bell Telephone Company, 738 telephone directories, including most of those issued for Illinois cities and towns, but including also a large number of directories for cities and towns outside this State, to the University Library.

3. Members of the staff and students in the Department of Botany, a portrait of Professor C. F. Hottes, Head of the Department, who will retire at the end of the present academic year, painted by Miss Miriam Buchholz, to be hung in the Natural History Library.

4. The Charles A. Denison Estate, \$600 to be added to the "Denison Memorial Loan Fund for Worthy Seniors."

5. Illinois Congress of Parents and Teachers, an additional \$400 for a scholarship.

6. Chicago Bridge and Iron Company, an additional \$400 for work on "Cylindrical Shells as Columns."

7. American Society of Heating and Ventilating Engineers, an additional \$600 for "Heating and Ventilating Research."

8. National Warm Air Heating and Air Conditioning Association, an additional \$500 for "Warm Air Furnace Research."

9. Ladies Auxiliary of the Veterans of Foreign Wars, an additional \$50 for an award.

This report was received for record.

APPROPRIATIONS AVAILABLE FOR NEXT YEAR

On motion of Mrs. Plumb, it was *resolved*, that all special appropriations made at this meeting of the Board be, and they hereby are, made available to the departments until the end of the fiscal year ending June 30, 1939.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
The Meyer Heating and Sheet Metal Division of the Meyer Furnace Company	May 6, 1938	\$18 423	Air Conditioning, Lincoln Hall Theatre
Department of Registration and Education of the State of Illinois	May 14, 1938	.....	Construction of a Natural Resources Building

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Anderson, Dorothy Iola, Instructor in Speech, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes her previous appointment). (May 17, 1938)¹

Bailey, Harold Wood, Acting Director of the Personnel Bureau of the College of Liberal Arts and Sciences, Assistant Professor of Mathematics, and Administrative Assistant in the College of Liberal Arts and Sciences, for one year beginning September 1, 1938, at a cash compensation of four thousand five hundred dollars (\$4,500) (this supersedes his previous appointment). (May 27, 1938)

Barnes, Martha Revel, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 3, 1938)

Bass, Elizabeth Bellamy, Assistant Teacher in the Nursery School in the Summer Session of 1938, on one-half time, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 19, 1938)

Behney, William H., Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 3, 1938)

Bledsoe, Thomas Alexander, Assistant in English, for ten months begin-

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

ning September 1, 1938, at a cash compensation of one thousand four hundred fifty dollars (\$1,450). (June 3, 1938)

Blumenschein, Robert Weeks, to give instruction in Business Organization and Operation, on three-fifths time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred fifty dollars (\$150) for the session. (May 25, 1938)

Bottorff, Edmond Milton, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 24, 1938)

Bowen, Robert A., Junior Accountant in the Business Office, on one-half time, for one year beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 16, 1938)

Brighthouse, Gilbert, Associate in Psychology, on three-fourths time, for one year, and Counselor in the Personnel Bureau, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of two thousand five hundred dollars (\$2,500) (this supersedes his previous appointment). (May 18, 1938)

Burney, Donald Eugene, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Butler, Gibbon, Assistant in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred forty dollars (\$1,540) (this supersedes his previous appointment). (June 3, 1938)

Caldwell, David Hume, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 6, 1938)

Calvert, Ralph Lowell, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Chapman, Max J., Instructor in Physical Education for Men, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800). (June 4, 1938)

Conde, Harold Edmund, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (May 24, 1938)

Corse, Joseph Walters, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400) (May 24, 1938)

Dieter, Otto A., Assistant in Speech, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred fifty dollars (\$1,550). (May 19, 1938)

Dirks, Jane Claire, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes her previous appointment). (May 17, 1938)

Dobratz, Elmer Henry, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred fifty dollars (\$650). (June 2, 1938)

Dowling, John William, Instructor in Philosophy, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800). (May 23, 1938)

Dunlap, Lawrence Hallowell, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400) (this supersedes his previous appointment). (May 24, 1938)

Easton, Mrs. Mildred Worcester, to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 3, 1938)

Edmundson, Mrs. Constance Hess, Stenographer in the Office of the Dean of the College of Education, for one year beginning September 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand one hundred forty dollars (\$1,140). (May 11, 1938)

Egly, Richard Samuel, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 24, 1938)

Ehrich, Richard H., Assistant in German, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 13, 1938)

Esteros, Gertrude, Assistant in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1,200). (June 8, 1938)

Ferguson, William Allen, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Fochtman, Helen E., Resident in the Division of Anaesthesia, in the College of Medicine, for one year beginning July 1, 1938, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare. (May 20, 1938)

Foster, Mrs. Frances C., Stenographer in the Department of Romance Languages, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of four hundred fifty dollars (\$450). (June 6, 1938)

Freeman, Wayne Henry, Assistant in Plant Genetics, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, beginning June 1, 1938, and continuing until further notice, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 2, 1938)

Frey, John Richard, Instructor in German, for ten months beginning September 1, 1938, at a cash compensation of one thousand nine hundred dollars (\$1,900). (May 17, 1938)

Gardiner, Mary Ruth, Stenographer in the Office of the Dean of the College of Engineering, for three months beginning June 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (June 2, 1938)

Gehlbach, Melvin Phillip, Assistant in Agricultural Economics Extension, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1938, at a cash compensation of one thousand six hundred dollars (\$1,600) (this supersedes his previous appointment). (June 4, 1938)

Gillette, Frank Newton, Scholar in Physics, for ten months beginning September 1, 1938, without stipendium, but with exemption from tuition, incidental, and laboratory fees in the Graduate School, except matriculation or graduation fees. (May 21, 1938)

Gingerich, Hugh Francis, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Glasoe, P. K., Instructor in Chemistry, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000). (May 28, 1938)

Glass, Dudley Brewer, Fellow in Chemistry, for ten months beginning September 1, 1938, at a stipendium of six hundred dollars (\$600). (May 25, 1938)

Glass, Martha Genevieve, Stenographer in the President's Office, beginning June 6, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes her previous appointment). (June 4, 1938)

Glass, Martha Genevieve, Stenographer in the President's Office, for one year beginning September 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1,400) (this supersedes her previous appointment). (June 3, 1938)

Goodyear, Margaret, Assistant in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1938, at a cash compensation of one thousand three hundred dollars (\$1,300). (June 3, 1938)

Gore, Robert Cummins, Instructor in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of one thousand dollars (\$1,000), and Special Research Assistant in Chemistry, in the Graduate School, on one-half time, for ten months beginning September 1, 1938, at a

cash compensation of seven hundred fifty dollars (\$750) (this supersedes his previous appointment). (May 23, 1938)

Gray, Hugh William, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred fifty dollars (\$650). (June 2, 1938)

Grosboll, Nancy Elizabeth, Assistant in Home Economics, in the College of Agriculture, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Hardy, C. Ross, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 3, 1938)

Harrison, Charles Rice, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Hattenhauer, Milo B., Instructor in Prosthetic Dentistry, in the College of Dentistry, on one-half time, for one year beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1,200) (this supersedes his previous appointment). (May 21, 1938)

Haworth, Leland John, Associate in Physics, in the College of Engineering for one year beginning September 1, 1938, at a cash compensation of two thousand eight hundred dollars (\$2,800). (May 25, 1938)

Hayward, C. Lynn, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 3, 1938)

Hester, Harold Ray, Assistant in Animal Pathology and Hygiene, in the Department of Animal Husbandry, in the Agricultural Experiment Station, beginning June 15, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of two thousand dollars (\$2,000) a year. (May 26, 1938)

Heyer, Howard Eugene, First Year Resident in the Department of Medicine, in the College of Medicine, for one year beginning July 1, 1938, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (May 20, 1938)

Hohn, Franz Edward, Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred fifty dollars (\$750). (May 19, 1938)

Hoover, W. Farrin, Assistant in Geology, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (May 13, 1938)

Iveson, Herbert Todd, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Johnson, Mrs. Helen Elizabeth, University Junior Stenographer in the School of Physical Education, beginning June 22, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one hundred five dollars (\$105) a month. (June 3, 1938)

Kell, R. W., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 6, 1938)

Kelton, S. C., Jr., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Kern, S. F., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 13, 1938)

Kleinberg, Jacob, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (May 24, 1938)

Kornblum, Nathan, Assistant in Chemistry, on one-third time, for ten

months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (June 3, 1938)

Krebs, Karl Frederick, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 25, 1938)

Krohn, Ivor Trygve, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 25, 1938)

Larsh, Howard William, Assistant in Botany, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 3, 1938)

Larson, Bernt Oscar, Instructor in General Engineering Drawing, in the College of Engineering, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800). (June 6, 1938)

Lawrenz, Margaret, Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, beginning September 1, 1938, and continuing until further notice, at a cash compensation at the rate of two thousand four hundred dollars (\$2,400) a year (this supersedes her previous appointment). (May 26, 1938)

Lentz, Gilbert G., Assistant in Political Science, for ten months beginning September 1, 1938, at a cash compensation of one thousand six hundred dollars (\$1,600). (May 23, 1938)

Levitin, Emil David, First Year Resident in the Department of Psychiatry, in the College of Medicine, for one year beginning July 1, 1938, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare. (May 28, 1938)

Lewis, Frederick Minton, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Lothrop, Robert B., Supply Officer in the Military Department, beginning September 1, 1938, and continuing through February 28, 1939, at a cash compensation at the rate of fifty dollars (\$50) a month. (May 16, 1938)

Lott, Mrs. Vieve Bigelow, Assistant in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1938, at a cash compensation of one thousand four hundred dollars (\$1,400). (May 19, 1938)

Ludwig, Russell Carl, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400) (this supersedes his previous appointment). (May 24, 1938)

Lyman, Ernest McIntosh, Associate in Physics, in the College of Engineering, for one year beginning September 1, 1938, at a cash compensation of two thousand four hundred dollars (\$2,400). (May 25, 1938)

Maher, Frank Thomas, Assistant in Botany and Materia Medica, in the College of Pharmacy, for ten months beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1,200) (this supersedes his previous appointment.) (May 28, 1938)

Markus, Chris Walter, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (May 17, 1938)

Maycock, R. L., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of five hundred dollars (\$500). (May 25, 1938)

McKeever, Charles Harlan, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred fifty dollars (\$650). (June 2, 1938)

McMillan, Graham Watson, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of five hundred dollars (\$500). (May 25, 1938)

McVickar, John Stanley, Assistant in Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1938, at a cash compensation of seven hundred twenty dollars (\$720). (June 3, 1938)

Mellman, H. G., Assistant in Political Science, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 6, 1938)

Miller, Richard Albert, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Moody, Richard, Instructor in Speech, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes his previous appointment). (May 17, 1938)

Moon, Geraldine Marguerite, Assistant in Botany, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 6, 1938)

Mozingo, Ralph V., Special Research Assistant in Chemistry, for one year beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000). (May 13, 1938)

Odgers, Stephen L., Assistant and First Year Resident in the Department of Orthopaedics, in the College of Medicine, for one year beginning July 1, 1938, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including board, room, and laundry) furnished by the State Department of Public Welfare. (May 20, 1938)

Palmer, Edward, Assistant and First Year Resident in the Department of Surgery, in the College of Medicine, for one year beginning September 1, 1938, with a vacation allowance of two weeks, at a cash compensation of six hundred dollars (\$600), plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (May 20, 1938)

Parker, Elizabeth Jane, Departmental Stenographer in the Department of Chemistry, for one year beginning September 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1,200) (this supersedes her previous appointment). (May 14, 1938)

Parrish, Dorothy Elna, to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 6, 1938)

Penzl, Herbert, Associate in German, for one year beginning September 1, 1938, at a cash compensation of two thousand five hundred dollars (\$2,500). (June 6, 1938)

Peterson, Lewis Vincent, Supervisor of the Visual Aids Service, in the Division of University Extension, on two-thirds time, beginning July 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (May 11, 1938)

Peterson, Lewis Vincent, to give instruction in Education, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of three hundred dollars (\$300) for the session. (May 14, 1938)

Powell, Dwight, Special Research Assistant in the Agricultural Experiment Station, in cooperation with the State Natural History Survey Division, beginning June 1, 1938, and continuing until further notice, at a cash compensation at the rate of two thousand four hundred dollars (\$2,400) a year (this supersedes his previous appointment). (May 26, 1938)

Rapp, Betty, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600) (this supersedes her previous appointment). (May 24, 1938)

Richardson, John Reginald, Assistant Professor of Physics, in the College of Engineering, for one year beginning September 1, 1938, at a cash compensation of three thousand dollars (\$3,000). (May 26, 1938)

Rieger, W. H., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Riggs, Philip Shaefer, Instructor in Astronomy, (in charge of the Department), for ten months beginning September 1, 1938, at a cash compensation of two thousand two hundred dollars (\$2,200). (April 12, 1938)

Ritcher, Arthur Edward, Special Research Assistant in the Agricultural

Experiment Station, in cooperation with the State Natural History Survey Division, beginning June 1, 1938, and continuing through September 30, 1938, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (May 25, 1938)

Rogers, Ruth Everson, Stenographer in the Department of Forestry, in the Agricultural Experiment Station, and in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1938, at a cash compensation of one thousand three hundred twenty dollars (\$1,320) (this supersedes her previous appointment). (May 23, 1938)

Sattler, William Martin, Assistant in Speech, for ten months beginning September 1, 1938, at a cash compensation of one thousand five hundred dollars (\$1,500). (May 19, 1938)

Sibbett, W. L., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (May 24, 1938)

Smith, Mrs. Geraldine Mahar, to give instruction in Library Science, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred dollars (\$200) for the session. (June 3, 1938)

Smith, Guy Donald, Associate in Soil Physics and Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, for three months beginning June 1, 1938, at a cash compensation at the rate of two thousand five hundred dollars (\$2,500) a year. (June 4, 1938)

Smith, Jesse William, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Spragens, William Henry, Assistant in Mathematics, on two-fifths time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 19, 1938)

Sprague, Victor, to give instruction in Zoology, on two-fifths time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred dollars (\$100) for the session. (June 3, 1938)

Sprules, Francis James, Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (May 24, 1938)

Starr, David Wright, Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred fifty dollars (\$750). (May 19, 1938)

Stone, Elizabeth Opal, to give instruction in Library Science, on one-half time, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of one hundred fifty dollars (\$150) for the session. (May 25, 1938)

Sur, William R., to give instruction in Music, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of four hundred six dollars sixty-seven cents (\$406.67) for the session. (June 3, 1938)

Tammeus, Mrs. Bertha Helander, Stenographer and Clerk in the Agricultural Experiment Station, and in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1938, at a cash compensation of one thousand three hundred twenty dollars (\$1,320) (this supersedes her previous appointment). (May 23, 1938)

Tate, Cecil Earl, Instructor in Hygiene, and Medical Adviser for Men, for one year beginning September 1, 1938, at a cash compensation of two thousand eight hundred dollars (\$2,800). (June 4, 1938)

Thompson, Lawrence Raymond, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 24, 1938)

Upton, Robert W., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred fifty dollars (\$650). (June 2, 1938)

Van Holland, Charles, Assistant Mechanician in the Department of

Physics, in the College of Engineering, for one year beginning September 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred forty dollars (\$1,540). (May 26, 1938)

Wasserman, Earl Reeves, Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of two thousand one hundred dollars (\$2,100). (June 3, 1938)

Welch, Eldred, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 24, 1938)

Wheeler, Harold Peyton, Instructor in English, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1,800) (this supersedes his previous appointment). (June 3, 1938)

Will, Frederick L., Instructor in Philosophy, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2,000). (May 23, 1938)

Wilson, Wilbur M., Research Professor of Structural Engineering, in the College of Engineering, and in the Engineering Experiment Station, on indefinite tenure, beginning September 1, 1938, and Acting Head of the Department of Civil Engineering, for the first semester of the academic year 1938-1939, at a cash compensation of seven thousand dollars (\$7,000) a year. (May 20, 1938)

Wolf, Donald Edwin, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 24, 1938)

Woodbridge, Margaret, Assistant in German, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 2, 1938)

RESIGNATIONS AND DECLINATIONS

The Secretary presented also for record the following list of resignations and declinations.

Black, Charles Theodore, Assistant in Zoology—declination effective September 1, 1938.

Brighthouse, Gilbert, Associate in Psychology, and Counselor in the Personnel Bureau—declination effective September 1, 1938.

Brown, Aubrey J., Assistant in Agricultural Economics, in the Agricultural Experiment Station—declination effective September 1, 1938.

Culler, E. A. K., Professor of Psychology—resignation effective September 1, 1938.

Easton, Mrs. Mildred Worcester, Assistant in Library Science—declination effective September 1, 1938.

Etzbach, Martha, Secretary in the School of Physical Education—resignation effective June 21, 1938.

Graham, Ruth Rivers, Assistant in Library Science—declination effective September 1, 1938.

Griesheimer, Rudolph Nelson, Assistant in Physics, in the College of Engineering—declination effective September 1, 1938.

Hamlin, Mrs. Helen Vedder, Stenographer and Clerk in the Department of Horticulture—declination effective September 1, 1938.

Hogan, William J., Assistant in Prosthetic Dentistry, in the College of Dentistry—resignation effective May 16, 1938.

Hughes, Leo, Instructor in English—declination effective September 1, 1938.

Isakoff, Jack Fein, Instructor in Political Science—declination effective September 1, 1938.

Jeanes, Allene, Special Research Assistant in Chemistry—resignation effective June 15, 1938.

Johnson, Mrs. Helen Elizabeth, Stenographer in the Extension Service in Agriculture and Home Economics—declination effective September 1, 1938.

Karrenbrock, W. E., Assistant Professor of Accountancy—declination effective September 1, 1938.

Lentz, Gilbert G., Assistant in Political Science—declination effective September 1, 1938.

Madden, Margaret Isabelle, Assistant in Animal Husbandry, in the Agricultural Experiment Station—declination effective September 1, 1938.

Maynard, Glenn Robert, Cataloger in the Library—declination effective September 1, 1938.

McKeever, Charles Harlan, Assistant in Chemistry—declination effective September 1, 1938.

Mitchell, Robert Victor, to give instruction in Business Organization and Operation, in the Summer Session of 1938—declination effective June 20, 1938.

Reb, Christine L., Assistant in Library Science—declination effective September 1, 1938.

Robinson, Jennie D., Registered Nurse in the Dispensary, in the College of Medicine—declination effective September 1, 1938.

Schmalz, Guenter George, Assistant in German—declination effective September 1, 1938.

Snyder, Mrs. Evelyn Moffett, Stenographer in the Bursar's Division of the Business Office—resignation effective May 13, 1938.

Soderwall, Arnold Larson, Assistant in Zoology—declination effective September 1, 1938.

Waltmade, Henry John, Assistant in the Order Department of the Library—declination effective September 1, 1938.

Watt, Lucille, Resident in the Division of Anaesthesia, in the College of Medicine—declination effective July 1, 1938.

Whiteside, Eugene P., Assistant in Soil Physics and Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station—declination effective September 1, 1938.

Wiley, Jay Wilson, Assistant in Economics—declination effective September 1, 1938.

Youkstetter, Fredrick Speidel, Assistant in German—declination effective September 1, 1938.

The Board adjourned to meet on call of the President.

H. E. CUNNINGHAM

Secretary

OSCAR G. MAYER

President

ADJOURNED SESSION, JUNE 22, 1938

An adjourned session of the June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 12:30 p.m. (Chicago Daylight Saving Time) on Wednesday, June 22, 1938.

The following members were present: President Mayer, Mr. Adams, Mr. Cleary, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, Counsel, and Director C. S. Havens of the Physical Plant Department.

CONFERENCE WITH GOVERNOR HORNER

President Mayer read a letter and presented a report on a conference he had held with Governor Horner on June 14, concerning the appropriation for a building to replace University Hall, the proposed legislation to enable the University to finance the Student Center and Dormitory projects, and the proposal to secure federal grants for the construction of the additions to the Library and the McKinley Hospital.

President Mayer stated that the Governor had agreed to a plan whereby, on the basis of the appropriation of \$700,000 for the building to replace University Hall, federal grants might be secured to provide for the construction of the additions to the Library and the Hospital. President Mayer reported further that Governor Horner had indicated that he would consent to the introduction of the enabling act to provide for the Student Center and Dormitory projects, on the following conditions:

1. Bonds shall not be an obligation of the State and the bill shall so specify.
2. No debt incurred for the construction of these buildings may be paid from the University Income and Revolving Fund; nor shall the Board ask for direct appropriations for this purpose.
3. The act shall include a provision that the payment of principal and interest on the bonds shall be limited to the income received from the buildings provided in this act, or gifts for that purpose.
4. The maximum allowable interest rate in the bill should be lower than the six per cent specified in the draft submitted to the Governor.
5. The University shall send a fair questionnaire to the members of the Student Senate, asking their opinion as to whether they, as representatives of the student body, are in favor of a compulsory increase in student fees for a Student Union Building, not to exceed \$10.00 per year.
6. The Board shall endeavor to obtain a federal grant to add to the \$700,000 appropriation for the construction of a building to replace old University Hall.
7. The Board shall agree that in the preparation of the biennial budget for 1939-1941 it will confer with the Governor and will not introduce any capital items not previously approved by the Governor.

Mr. Adams reported that he was of the opinion (based on a conversation with the Governor later than that of President Mayer), that unless the Board would agree to all the conditions he had set forth for the Student Center and Dormitory projects, the Governor would not support the use of the appropriation to replace University Hall as a basis for federal grants for the additions to the Library and the Hospital, and that there was doubt in his mind as to the fate of the appropriation to replace University Hall unless the Board agreed to the conditions stated above.

This matter was discussed for some time. Action was deferred until later in the day.

Mr. Cleary withdrew, stating that he would return to the meeting later.

GOVERNOR REQUESTED TO VETO APPROPRIATION BILL

On motion of Mr. Adams, the Governor was requested, in view of the lack of a two-thirds majority in the Senate and the resulting doubt as to its validity, to veto Senate Bill 10, the first bill to appropriate \$700,000 for a building to replace University Hall. In taking this action, the Board renewed its request to the Governor to support and to approve the second bill (Senate Bill 57) for the same purpose and the same amount.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

STUDENT CENTER BUILDING FEE

(1) At a meeting of the University of Illinois Student Senate, the undergraduate governing body, held on June 12, 1938, the following resolution was passed:

Resolved, that the Student Senate hereby declares itself in favor of a student fee of up to \$5.00 per semester with the understanding that such fee shall be kept as low as possible to provide a Student Center for the University of Illinois student body. The Senate takes this stand because it feels that the savings which the student body will receive from low cost eating and dancing facilities as well as from used book exchange facilities, if such ever becomes necessary, will more than offset the fee which the student will be required to pay.

The facilities for these important services to the student body are, as the Senate has expressed itself many times before, woefully inadequate at present and the Senate welcomes the opportunity to throw its support behind the Student Center which will solve these difficult problems.

Very sincerely,

EDGAR BARTON

President of the Senate

PHIL SIMON

Acting Secretary

The Board of Trustees has already indicated its approval of a service charge against all students in the Urbana departments to produce sufficient income to operate and maintain the Student Center Building when completed and to provide for the amortization of the bonds issued to finance its construction.

This report was received for record.

ARCHITECTURAL SERVICES AND SITE FOR STUDENT CENTER BUILDING

(2) At its meeting on November 21, 1936 (Minutes, page 120), the Board placed the supervision of the architectural work on the Student Center Building in the hands of the Physical Plant Department for the preparation of plans and superintendency of construction.

The Director of the Physical Plant Department recommends that, in view of the demands on his organization for architectural work on other University

buildings, and in view of the fact that part of the funds for the construction of the Student Center Building would come from alumni, an outside architect be employed as consulting architect on this building and that he be an alumnus of the University. He further recommends that the following committee be appointed immediately to select such a consultant for recommendation to the Board: Mr. Charles Wham, President of the Alumni Association; Mr. Ralph Chapman, President of the University Foundation; Mr. Carl Stephens, Director of Alumni Relations; Dean Rexford Newcomb, Dean of the College of Fine and Applied Arts; and Mr. E. L. Stouffer, Assistant Supervising Architect in the Physical Plant Department.

It is also necessary that a site for this building be selected immediately so that the plans and working drawings may be started as soon as possible. If funds for this building become available through a grant and loan from the Federal Government it is important that the University be in a position to proceed with the construction with the least possible delay.

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

NEW APPOINTMENT OF PROFESSORIAL RANK

(3) A report of the appointment to the staff of Daniel Dunn Feder, Assistant Director of the Personnel Bureau in the College of Liberal Arts and Sciences and Assistant Professor of Psychology, at an annual salary of \$3,300, beginning July 1, 1938.

This report was received for record.

RESIGNATION OF PROFESSOR JOHN A. GOFF

(4) A report that John A. Goff, Professor of Thermodynamics in the Department of Mechanical Engineering, has resigned, effective September 1, 1938, to accept a position as Whitney Professor and Director of Mechanical Engineering and Dean of the Towne Scientific School at the University of Pennsylvania.

This report was received for record.

DEATH OF DR. HENRY TURMAN BYFORD

(5) A report of the death of Dr. Henry Turman Byford, Professor of Gynecology, *Emeritus*, on June 5, 1938. No death benefit is payable in this case, as Doctor Byford was a member of the non-salaried clinical staff of the College of Medicine.

This report was received for record.

APPOINTMENTS TO ALLERTON TRAVELING SCHOLARSHIPS

(6) A report that Messrs. Alexander Kouzmanoff and Ronald Porteous have been appointed to the two Allerton American Traveling Scholarships for the summer of 1938.

This report was received for record.

LEAVES OF ABSENCE

(7) The recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case.

1. Mrs. Mildred C. Barber, clerk and stenographer in the Department of Architecture, one month sick leave with full pay beginning the latter part of June, in addition to the usual vacation allowance of one month with pay. Mrs. Barber has been in service for ten years, during which time she has had no previous sick leave.

2. H. W. Bryant, Assistant in Animal Nutrition, leave of absence from April 26 to May 16 with pay, on account of illness.

On motion of Dr. Meyer, these leaves were granted as recommended.

CANCELLATION OF AGREEMENT WITH MCCREA SEED COMPANY

(8) At the meeting of the Executive Committee on April 27, a report was made of the authorization of an agreement with the McCrea Seed Company, Incorporated, Santa Barbara, California, for the development and further distribution of the Illinois Baby Potato Lima Bean. The company has since decided not to enter into this agreement and therefore it has been cancelled.

This report was received for record.

AGREEMENT FOR COOPERATIVE INVESTIGATION

(9) A report of the approval of a cooperative investigation with the American Dry Milk Institute, Inc., for a study of the Effect of Milk Solids on the Mineral Metabolism of Children, for the fiscal year ending June 30, 1939. The Institute agrees to contribute an additional \$3,300 for the extension of this investigation.

This report was received for record.

PURCHASES RECOMMENDED

(10) A recommendation that the purchase be authorized of book paper for publications of the Extension Service in Agriculture and Home Economics as follows:

30 tons 25 x 38 —60# "A" Grade E.F. Book Paper
 6½ tons 25 x 28½—45# "A" Grade E.F. Book Paper
 2½ tons 25 x 38½—52# "A" Grade E.F. Book Paper
 10½ tons 25 x 38 —80# No. 2 Folding Enamel Paper

the English Finish paper to be purchased from the Messinger Paper Company, Chicago, at a price of \$4,680.00; and the Enamel paper from the Dwight Bros. Paper Company, Chicago, at a price of \$1,816.50, both being the lowest bidders for these respective papers.

On motion of Dr. Meyer, these purchases were authorized as recommended.

REAPPROPRIATION OF UNEXPENDED BALANCES

(11) A recommendation that the following estimated balances in certain funds, as of June 30, 1938, be reapportioned for the purposes indicated for the fiscal year beginning July 1, 1938:

<i>Account</i>	<i>Estimated Balance</i>
Legislative History.....	\$ 100 00
Alumni Records.....	750 00
Higher Education Conference.....	1 000 00
McKinley Hospital appropriation.....	2 000 00
Index of Cicero.....	3 981 23
Publication of Works of G. A. Miller.....	2 500 00
Colloid Chemistry.....	3 300 00
University Studies in Social Sciences (special appropriation).....	2 500 00
Graduate Research—Welker.....	1 000 00
Bureau of Business Research.....	600 00
Drainage, Southwest Campus.....	1 000 00
Power Plant Studies.....	2 500 00
Electrical Engineering Annex Remodeling.....	2 000 00
University Hall Replacement Studies.....	650 00
Chicago Leased Property Construction.....	595 00
Medical Building Showers.....	550 00
<i>Total</i>	\$25 026 23

On motion of Mr. Moschel, these balances were appropriated as recommended, by the following vote: Aye, Mr. Adams, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Karraker, Mr. Wieland.

GIFTS TO THE UNIVERSITY

(12) A report of the following gifts received by the University since the last report:

1. Received by the Department of Electrical Engineering, the following items of equipment during the University year, 1937-1938:

Westinghouse Electric and Manufacturing Company—2 relays, estimated value.....	\$ 110
R. D. Hart, Central Illinois Light Company—1 rotating standard watthour meter, estimated value.....	90
1 old-type ammeter, estimated value.....	10
Sangamo Electric Company—2 Lincoln Demand meters, estimated value..	60
Illinois-Iowa Power Company—1 rotating standard watthour meter, estimated value.....	90
Western Electric Company, through Mr. O. Carpenter, 195 Broadway, New York, miscellaneous electrical equipment, including condensers, keys, networks, relays, telephone repeaters, repeat coils, resistances, retardation coils, coil assemblies, filters, panels, radio receiver, thermostat, ballast lamp, photoelectric cell, vacuum tubes, inductances, inductometers, insulators, receptacles, and an oscillator, of total value according to regular prices for college sale.....	4 660
<i>Total estimated value.....</i>	<i>\$5 020</i>

2. Under the will of the late Miss Mary McLellan of the Class of 1888, an oil portrait of Captain Alexander Hossack, for the College of Fine and Applied Arts, and a set of green and gold Cauldron china, for the Department of Ceramics.

3. Miss Julia Hayward, Tremont, Illinois, several early American antiques, including a cradle, a flax reel, saddle bags, a sand box, a dough box, and a trunk, for the Museum of European Culture.

This report was received for record.

PURCHASE OF SECURITIES FOR INVESTMENT OF ENDOWMENT FUNDS

At this point, Mr. Moschel reported that on advice of investment counsel, the Finance Committee recommends the purchase of the following securities as investments of endowment funds:

\$15,000 Commonwealth Edison 4's of '81 at 108
10,000 Mutual Fuel Gas 5's of '47 at 112¾

On motion of Mr. Moschel, these investments were authorized as recommended.

ADJUSTMENT IN DAIRY HUSBANDRY BUDGET

The Comptroller, on request of President Willard, presented a recommendation that \$1,515.89 of accrued receipts of the Department of Dairy Husbandry be appropriated for the use of the department.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Karraker, Mr. Wieland.

CONTRACT FOR LAUNDRY WORK

The Comptroller presented also a recommendation that a contract with the Hicks Laundry Company, of Danville, made for two years in 1937, be abrogated, and that the offer of the White Line Laundry to take over the contract on the basis of their bid made in 1937 be accepted.

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

EXTENSION OF LEASE OF ILLINOIS UNION

The Comptroller also presented a recommendation that the lease of the Illinois Union building be continued on a monthly basis, with the stipulation that an agreement will be concluded not later than October 1, 1938, and that the University reserve the right to exercise the option given by the present lease to take over the operation and management of the entire building by September 1, 1938.

On motion of Mr. Moschel, the extension of this lease was authorized as recommended; and the matter of the acquisition of the Union Building and the Arcade Building was referred to the special committee for study and report.

At this point, Dr. Meyer withdrew.

PLANS FOR DORMITORIES

Director Havens presented blueprints and plans for dormitory buildings to be constructed on the drill field west of the George Huff Gymnasium.

During the discussion of these plans, Mr. Cleary returned to the meeting.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented the following report of contracts executed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>Name</i>	<i>Date</i>	<i>Purpose</i>
Commonwealth Edison Company	May 1, 1938	Agreement covering disposition of patents secured under Utilities Research Commission investigations

DEGREES CONFERRED IN JUNE, 1938

The Secretary presented also for record the following list of degrees conferred at the annual Commencement in June.

SUMMARY OF DEGREES, JUNE, 1938

Degrees in the Graduate School, conferred at Urbana:

Doctor of Philosophy.....	63
Ceramic Engineer.....	1
Civil Engineer.....	3
Electrical Engineer.....	2
Mechanical Engineer.....	1
Master of Arts.....	108
Master of Science.....	118
<i>Total, Graduate School, Urbana.....</i>	<u>296</u>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences.....	387
Bachelor of Science, College of Liberal Arts and Sciences.....	112
Bachelor of Science, College of Commerce.....	310
Bachelor of Science, College of Engineering.....	186
Bachelor of Science, College of Agriculture.....	192
Bachelor of Science, College of Education.....	233
Bachelor of Science, School of Journalism.....	89
Bachelor of Science, School of Physical Education.....	26
Bachelor of Science, Library School.....	72
Bachelor of Science, College of Fine and Applied Arts.....	62
Bachelor of Fine Arts, College of Fine and Applied Arts.....	29
Bachelor of Music, College of Fine and Applied Arts.....	6
<i>Total, Baccalaureate Degrees, Urbana.....</i>	<u>1,704</u>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	45
Doctor of Law.....	2
<i>Total, Law.....</i>	<u>47</u>
<i>Total, Degrees Conferred at Urbana.....</i>	2,047

Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Medicine.....	110
Certificate in Medicine.....	(144) ¹
Bachelor of Medicine.....	8
<i>Total, Medicine.....</i>	<u>118</u>

Degrees in Dentistry, conferred at Chicago:

Bachelor of Science in Dentistry.....	15
Doctor of Dental Surgery.....	25
<i>Total, Dentistry.....</i>	<u>40</u>

Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science in Pharmacy.....	45
<i>Total, Pharmacy.....</i>	<u>45</u>

Degrees in the Graduate School, conferred at Chicago:

Doctor of Philosophy.....	4
Master of Arts.....	1
Master of Science.....	14
<i>Total, Graduate School, Chicago.....</i>	<u>19</u>
<i>Total, Degrees Conferred at Chicago.....</i>	222
<i>Total, Urbana and Chicago, June, 1938.....</i>	<u>2,269</u>

¹Showing the completion of four years of work—not counted as degrees.

Degrees conferred in August, 1937.....	216
Degrees conferred in October, 1937.....	246
Degrees conferred in February, 1938.....	319
Doctor of Medicine, conferred since June 11, 1937.....	<u>137</u>
<i>Total, Degrees Conferred Since Commencement in June, 1937..</i>	<u>918</u>
<i>Grand Total.....</i>	<u>3,187</u>

Degrees Conferred June 13, 1937, at Urbana

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Agronomy

LEONARD FREEMAN WILLIAMS, B.S., M.S., 1932, 1935

In Animal Husbandry

HAROLD MARTIN SCOTT, B.S., Oregon State College, 1924; M.S., Kansas State College, 1927

In Botany

STEPHEN DIACHUN, B.S., Rhode Island State College, 1934; M.S., 1935

VIRGINIA BEATRICE GANGSTAD, A.B., A.M., 1934, 1935

JOHN HENRY HANLEY, B.S., University of Michigan, 1927; M.S., 1933

HUBERT ANDREW HARRIS, A.B., Southeastern Teachers College, 1930; M.S., 1932

In Chemistry

GEORGE BOSWORTH BROWN, B.S., Illinois Wesleyan University, 1934; M.S., 1936

DARREL J. BUTTERBAUGH, B.S., University of Nebraska, 1935

JOHN WAYNE COLE, A.B., DePauw University, 1935; A.M., 1936

CLARENCE ENGLAND DENOON, JR., B.S., M.S., University of Richmond, 1934, 1935

GEORGE EDWARD EILERMAN, B.S., Xavier University, 1931

GLENN CHARLES FINGER, B.S., M.S., 1927, 1928

CHARLES LEROY FLEMING, JR., A.B., Dartmouth College, 1935; A.M., 1936

CHARLES ALBERT GETZ, B.S., M.S., 1932, 1934

FRANK JOHN GLAVIS, A.B., Dartmouth College, 1935

ROBERT MICHAEL JOYCE, JR., B.S., M.S., University of Nebraska, 1935, 1936

LOUIS SCHRÖER KEYSER, B.S., M.S., University of Idaho, 1934, 1935

EDWARD CRANE KIRKPATRICK, A.B., Princeton University, 1935

JULIAN ROYDEN LITTLE, B.S., Southwest Louisiana Institute, 1931; M.S., Vanderbilt University, 1933

WILLIAM EMIL LUNDQUIST, B.Chem., University of Minnesota, 1934; M.S., 1936

BERNARD CHARLES MARKLEIN, B.S., M.S., 1934, 1935

JAMES PEYTON McREYNOLDS, A.B., James Millikin University, 1929

ELDON EMERSON RICE, A.B., DePauw University, 1934; M.S., 1936

HARRY KENNON SUTHERLAND, B.S., University of Wisconsin, 1935

LOUISE PICKENS TANNER, B.S., 1921; M.S., Iowa State College, 1927

JOHN HAMILTON VAN CAMPEN, B.Chem., Cornell University, 1935; M.S., 1936

In Economics

LOYD EDWARD FITZGERALD, B.Ed., Superior State Teachers College, 1927; A.M., University of Iowa, 1930

PHILIP GRAYDON HUDSON, B.S., M.S., University of Arizona, 1930, 1933

GUSTAV WESLEY KUHLMAN, B.S., South Dakota State College, 1925; M.S., 1927

CECIL ADOLPH MOYER, B.S., Miami University, 1931; M.S., 1932

JOHN BISHOP PARRISH, A.B., 1934
 MELVIN JAMES SEGAL, A.B., Amherst College, 1932; A.M., 1935.
 ERVIN KENNETH ZINGLER, A.B., Lawrence College, 1935; A.M., 1936.

In Engineering

JACOB KAROL, B.S., M.S., 1929, 1930.
 WILLARD ARTHUR LANING, JR., B.S., Bucknell University, 1927; M.S., 1931

In English

LEO HUGHES, A.B., A.M., 1933, 1934.
 CHARLES WALTER ROBERTS, A.B., Ohio Wesleyan University, 1924; A.M., State University of Iowa, 1928.
 DOROTHY IRENE WEST, B.S., A.M., 1926, 1928.

In Entomology

MARION ESTELLE SMITH, B.S., M.S., Massachusetts State College, 1935, 1936

In German

LUCILLE VIRGINIA PALMER, A.B., Pembroke College, 1931; A.M., Brown University, 1933

In History

EUGENE MAUR BRADERMAN, B.S., Temple University, 1935; A.M., 1936.
 JOSEPH HENRY DAHMUS, A.B., Josephinum College, 1930; A.M., St. Louis University, 1932
 WARREN CHOATE SHAW, A.B., A.M., Dartmouth College, 1910, 1916

In Mathematics

C. RONALD CASSITY, A.B., James Millikin University, 1929; A.M., 1931
 FOSTER LEROY DENNIS, B.S., Ursinus College, 1931; A.M., Cornell University, 1932
 JAMES MCQUEEN DOBBIE, B.S., M.S., Bucknell University, 1933, 1934
 PAUL RICHARD HALMOS, B.S., M.S., 1934, 1935.
 PHILIP TILLOTSON MAKER, A.B., A.M., Brown University, 1929, 1932
 DARRELL RHEA SHREVE, A.B., University of Tulsa, 1929; M.S., Oklahoma Agricultural and Mechanical College, 1931
 EVERETT LINUS WELKER, A.B., A.M., 1930, 1931

In Physics

HALDON ARTHUR LEEDY, A.B., North Central College, 1933; A.M., 1935
 RICHARD ELVIS WATSON, B.Ed., Southern Illinois State Normal University, 1932; A.M., 1935

In Political Science

HENRY HWEI DEN, A.B., Southwestern College, 1934; A.M., 1936
 ALEXANDER TAYLOR EDELMANN, A.B., Davidson College, 1930; A.M., University of North Carolina, 1935
 WEI-PING TSAI, B.S., A.B., University of Nanking, 1933, 1935; A.M., 1936

In Romance Languages

JOHN RIPLEY YOUNG, A.B., Marshall College, 1927; A.M., 1929

In Zoology

HARLOW WHITING ADES, B.S., M.S., 1934, 1935
 HARRY LEE ANDREWS, A.B., A.M., 1916, 1919
 RALPH WARREN DEXTER, B.S., Massachusetts State College, 1934
 DONALD FRARY HANSEN, Ph.B., University of Wisconsin, 1930; A.M., 1933
 WALTER HENRY LEIGH, A.B., Greenville College, 1934; A.M., 1935.
 JOHN CARL MEDCOF, A.B., University of Toronto, 1934; A.M., University of Western Ontario, 1936.
 PAUL ALLEN MEGLITSCH, B.S., M.S., 1935, 1936

Professional Degrees in Engineering*Degree of Ceramic Engineer*

HERBERT DUANE CARTER, B.S., 1922

Degree of Civil Engineer

HAYSE HENRY BLACK, B.S., M.S., 1929, 1933

WARREN STEWART COOK, B.S., 1927

DAN HENRY PLETTA, B.S., 1927; M.S., University of Wisconsin, 1931

Degree of Electrical Engineer

HAROLD ESTES KENEIPP, B.S., M.S., 1927, 1932

LAWRENCE CLAUDE MACMILLAN, B.S., 1917

Degree of Mechanical Engineer

HENRY ALBERT MEYER, B.S., 1930

Degree of Master of Arts*In Botany*

ALICE LOUISE WASHBURN, A.B., Middlebury College, 1933

In Chemistry

SEYMOUR ADVOCATE, A.B., Brooklyn College, 1937

DONALD JACK COOK, A.B., Augustana College, 1937

ABRAHAM SACKS, B.S., Brooklyn College, 1937

In Classics

WILLIAM ROBERT JONES, A.B., 1937

LOUIS JAMES SHARP, III, A.B., Southwest Missouri State Teachers College, 1937

GRUNDY STEINER, A.B., 1937

SYLVESTER BYRON STRAW, A.B., Wheaton College, 1937

In Economics

HARRY FRANKLIN ADMIRE, B.Ed., Illinois State Normal University, 1934

FRISBY SMITH LOCKARD, A.B., Greenville College, 1937

JOHN VINCENT MACHELL, JR., B.S., Temple University, 1935

SISTER MARY JANET KAHLER, A.B., College of St. Francis, 1937

In Education

EDGAR WILSON BAILEY, B.Ed., Illinois State Normal University, 1930

VERNA MAE BLACKBURN, A.B., Bradley Polytechnic Institute, 1934

RUTH RAYBURN CARSON, B.S., 1928

BRUCE EDMUND CONKLIN, B.S., 1937

JEWEL REED DAWSON, B.Mus., 1935

LOIS WARNES DOLLAHON, A.B., 1930

LEE EDWARD DULGAR, B.Ed., Eastern Illinois State Teachers College, 1935

SARA LOUISE ENG, A.B., Carroll College, 1928

THUSENELDA CELESTIA GROSS, A.B., 1924

OVAL LEEMAN HAILE, B.Ed., Southern Illinois State Normal University, 1932

WAYNE ROE HALFORD, A.B., Butler University, 1933

MARIEN ELLEN HARMISON, B.S., 1936

EVELYN EMILY HAWLEY, A.B., Greenville College, 1932

LELAND LAGRANGE HUBBLE, B.Ed., Southern Illinois State Normal University, 1931

HOMER HURST, B.Ed., Illinois State Normal University, 1927

FIDELIS JOSEPH KAUFMANN, A.B., Columbia College, 1922; B.S.(Lib.), 1937

CHARLES ROCKWELL MCCREIGHT, B.S., 1937

MARY VIRGINIA McDUGLE, A.B., University of Oregon, 1922
JOSEPH WARREN MEYER, A.B., Park College, 1925
ELEANOR JEANETTE MIELKE, A.B., 1936
VELMA OLEVIA NAVE, B.Ed., Southern Illinois State Normal University, 1929
KENNETH CAMERON PITTMAN, A.B., Illinois College, 1928
DORIS MAY PUTNAM, A.B., 1937
RUTH EDITH ROMPEL, A.B., 1918
MARGARET JULIA ROY, A.B., 1929
GEORGE ALBERT SATTER, B.S., 1937
WILLIAM OREN SIMMONS, A.B., Westminster College, 1927
ELMER ELLSWORTH STEARNS, A.B., James Millikin University, 1929
MIRIAM SUE STUBBLEFIELD, B.S., Eureka College, 1932
MARY MARGARET TORTICIL, A.B., 1929
EMERY EDWIN WACASER, B.Ed., Illinois State Normal University, 1924
HELEN HAFLIGER WALTMIRE, A.B., 1934
HENRIETTA EMELIA WESTRUP, B.Ed., Eastern Illinois State Teachers College, 1931
CLAYTON B. WILCOX, A.B., Wabash College, 1930
JOSEPH GEORGE WYLDER, A.B., Illinois College, 1926
WELDON RICHARD ZIMMERMAN, A.B., Illinois College, 1930

In English

LILLIAN EDLA ANDERSON, A.B., Yankton College, 1935
ROBERT VAN AKIN BAUER, A.B., North Central College, 1937
DOROTHY DEANNE BENNETT, A.B., Eureka College, 1930; B.Ed., Illinois State Normal University, 1932
THOMAS ALEXANDER BLEDSOE, A.B., University of Louisville, 1937
MARION MAY BUCHANAN, A.B., Drury College, 1937
ELMA CATHERINE DABLER, B.S., 1935
MARY LOUISE DILWORTH, A.B., Knox College, 1936
LEONARD FEINBERG, B.S., 1937
CHARLES BYFORD GARRIGUS, A.B., 1936
MARION VIRGINIA HAMMOND, A.B., Rockford College, 1937
VIOLET MAE KOERNER, B.S., 1929
FERN BERNICE NELSON, A.B., 1937
MARY LOUISE NEVILLE, A.B., University of Western Ontario, 1935
RUTH NOTKIN, A.B., 1937
ELEANOR ALICE THOMPSON, A.B., University of Kansas, 1936
MARIAN VAN SICKLE, B.S., 1935

In Geography

DALIAS ADOLPH PRICE, A.B., 1937
OTHO MORGAN ROBINSON, A.B., 1937

In German

GLENN H. GOODMAN, A.B., Miami University, 1936
EMORY KEITH REES, A.B., B.S., 1937
WILLARD EVANS SKIDMORE, A.B., 1935

In History

IRENE MILDRED BEAR, A.B., DePauw University, 1927
JOHN ONOFRIO BRUNO, A.B., Shurtleff College, 1936
ELOISE MABLE COCHRAN, A.B., 1936
MILETUS LAFAYETTE FLANINGAM, JR., A.B., 1937
CARL GUSTAV GUSTAVSON, A.B., Augustana College, 1937
HARVEY NATHAN HUMBLE, A.B., 1937
ELIZABETH HARTLEY MOORE, B.S., 1935
DAVID MAYER SILVER, A.B., Butler University, 1937
ROBERT MIZE SUTTON, A.B., Shurtleff College, 1937
GEORGE COVELL TERWILLIGER, JR., B.Ed., Northern Illinois State Teachers College, 1936

In Library Science

JULIA ELEANOR WARDEN BLANCHARD, A.B., A.M., Wheaton College, 1899, 1904;
B.S.(Lib.), 1929
RUTH RIVERS GRAHAM, A.B., University of Louisville, 1935; B.S.(Lib.), 1936

In Mathematics

RALPH LOWELL CALVERT, A.B., Southwestern College, 1937
BYRON BROWN DRESSLER, A.B., 1937
DICKRAN HAGOP ERKILETIAN, JR., A.B., Western Kentucky State Teachers
College, 1936
WILLIAM ALLEN FERGUSON, A.B., Missouri Valley College, 1937
HUGH FRANCIS GINGERICH, B.S., University of Arkansas, 1937
LOIS KIEFER, A.B., Park College, 1935
FRANCIS MCCONNELL PULLIAM, A.B., 1937
CHARLES ROCKWELL, A.B., Illinois College, 1937

In Philosophy

ELIZABETH BRUNING O'NEAL, A.B., DePauw University, 1937
ALFRED HOWARD STONE, A.B., Carthage College, 1937

In Physics

LOUIS JOHN CUTRONA, A.B., Cornell University, 1936

In Political Science

LEAFOO CHEN, Graduate, Central Political Institute, 1932
PETER Y. L. CHEN, A.B., Kwang Hua University, 1935
ROBERT LEWIS CLARK, A.B., Lincoln University (Missouri), 1937
LAZARO TIROL GOMEZ, A.B., University of Nebraska, 1937
DANIEL COLMAN KNAPP, A.B., Bradley Polytechnic Institute, 1937

In Romance Languages

CORNELIA BURGE, A.B., 1936
SALLY ELIZABETH CARNAHAN, A.B., 1937
LESTINE CARSON, A.B., 1936
ELLEN MCQUARIE, A.B., Winthrop College, 1926
GEORGE MARINUS OUDYN, A.B., 1937
JEAN SABA, B.Ed., Southern Illinois State Normal University, 1937
SARAH ELIZABETH SHINN, A.B., 1936
SISTER MARY CELINE O'MALLEY, B.S., St. Xavier College, 1930
JEAN OTILLIE ZACKER, A.B., Rosary College, 1937

In Sociology

MILDRED MARY WOOD, A.B., Wheaton College, 1936

In Zoology

REED WINGET FAUTIN, B.S., Brigham Young University, 1936

Degree of Master of Science*In Accountancy*

GEORGE S. CERNY, B.S., 1937
RALPH SMITH GUNN, B.S., 1930
HERBERT LEE MORRIS, B.S., University of Colorado, 1937
LAURENCE MARTIN THOMPSON, B.S., 1937

In Agricultural Economics

KENNETH LEROY BACHMAN, B.S., Oklahoma Agricultural and Mechanical College,
1936

DEE ALBERT BROADBENT, B.S., Utah State Agricultural College, 1936
ELDON BEDWELL COLEGROVE, B.S., 1934
LOWELL ALEXANDER HODAM, B.S., 1927
RONALD THOMAS RANSON, B.S., 1937
ROBERT COY SMITH, B.S., 1928
TSU-PONG YEH, B.S., National Central University, 1933

In Agronomy

CLARENCE LEE JOHNSTON, B.S., 1922
TIMOTHY GRAHAM MINER, B.S., 1934
LAWRENCE HENRY MUMM, B.S., 1931
WERNER LIND NELSON, B.S., 1937
LYNNE K. WOOD, A.B., Brigham Young University, 1936

In Animal Husbandry

BENJAMIN FRANKLIN GARRETT, B.S., Hampton Institute, 1934
LORIN E. HARRIS, B.S., Utah State Agricultural College, 1937

In Architectural Engineering

KUO YING HUA, B.S., Chiao Tung University, 1934

In Bacteriology

CHARLES HERBERT CLEMENSEN, B.S., 1937
GEORGE GORDON GRALAK, B.S., 1937
SISTER MARY CLOTILDA GARTLAND, B.S., 1935
ROBERT IRBY WISE, A.B., University of Texas, 1937

In Botany

HOWARD WILLIAM LARSH, A.B., McKendree College, 1936
GERALDINE MARGUERITE MOON, B.Ed., Eastern Illinois State Teachers College,
1937

In Ceramics

BRONISLAW KAZIMIERZ NIKLEWSKI, M.Ph., University of Poznan, 1936

In Chemistry

ARTHUR BERGER, B.S., 1937
HOWARD WISSLER BOND, B.S., University of Arkansas, 1936
EUGENE OSKAR BRIMM, B.S., University of Wisconsin, 1937
JAMES HENRY CARNETT, B.Ed., Southern Illinois State Normal University, 1937
ELMER HENRY DOBRATZ, B.S., University of Wisconsin, 1937
EDWARD CLARENCE DUNLOP, A.B., Westminster College, 1936
JAMES SARGEANT GOBBLE, B.S., 1931
RICHARD BERNARD GREENBURG, B.S., Purdue University, 1937
JOHN JACOB HAGER, B.S., Rose Polytechnic Institute, 1935
FREDERICK LEON HELLER, B.S., 1937
JAMES GORDON HUNTER, B.S., 1937
RUSSELL JOHN KEIRS, B.S., 1937
ROBERT WARREN KELL, B.Ed., Southern Illinois State Normal University, 1937
WILLIAM FORREST KEYES, JR., B.S., California Institute of Technology, 1935
SAUL KREPS, B.S., College of the City of New York, 1937
RALPH WEBSTER MCCREADY, B.S., University of Alberta, 1937
ARDEN WESLEY MOYER, A.B., 1937
JACKSON DOUGLAS OPPENLANDER, B.Ed., Southern Illinois State Normal University, 1935
ELIZABETH MARY OSMAN, B.S., 1937
SAMUEL LEROY SCOTT, B.S., Illinois Wesleyan University, 1937
WILLIAM JOHN SHANNON, A.B., 1936
KENNETH O'HARRA STEVENSON, B.S., 1937
JOSEPH GEORGE SVRCHOK, B.S., University of Chicago, 1935

HOWARD MAPLE TEETER, B.S., Bradley Polytechnic Institute, 1937
CHARLES HARMON TILFORD, A.B., Emory University, 1937
JAMES FRANKLIN VANECEK, B.S., Case School of Applied Science, 1937
MARVIN WEISS, Ph.G., B.S., Brooklyn College, 1934, 1937

In Civil Engineering

TA TUNG CHENG, B.S., Chiao Tung University, 1937
MICHAEL EDWARD FIORE, B.S., Union College, 1936
GORDON LUTZ JEPPESEN, B.S., 1936
KAZIM KARADAGLI KARACADAG, B.S., Robert College, 1933
ARIEL ALTON THOMAS, B.S., Massachusetts Institute of Technology, 1936
ALEXANDER M. TURITZIN, B.S., Robert College, 1937
TANAS VERIKOKIDIS, B.S., Robert College, 1937

In Dairy Husbandry

ARTHUR CHARLES MAACK, B.S., Rutgers University, 1936

In Economics

CLAUDE DAVID BALDWIN, B.S., University of Denver, 1937
ROBERT HANSON MITCHELL, B.S., 1937
WILLIAM JOHN SCHUCK, B.S., 1937

In Education

LEO PITTMAN BABCOCK, B.Ed., Southern Illinois State Normal University, 1937
LAURETTA ELIZABETH BEDFORD, B.Ed., University of Akron, 1936
EDWIN WILLIAM BEST, B.S., 1934
CLARENCE WILLIAM BLACKFORD, B.Ed., Illinois State Normal University, 1933
ALLEN BRODERICK EDMUNDSON, B.S., A.B., Missouri State Teachers College, 1929, 1931
SIDNEY ARTHUR ENG, B.S., Stout Institute, 1930
MILTON JARRETT GEMBERLING, B.S., Pennsylvania State College, 1921
SAMUEL WHITNEL GILLESPIE, B.S., 1930
EDGAR NEAL GWIN, B.Ed., Eastern Illinois State Teachers College, 1934
SHERRILL BERTRAND HAYDEN, B.S., 1930
JOHN KENNETH HILLEMEIER, B.S., 1929
ISABEL MARTHA KATZ, B.S., 1931
JOSEPH CLINTON LUCAS, B.Ed., Illinois State Normal University, 1930
ARTHUR DAYTON MOORE, B.Ed., Southern Illinois State Normal University, 1935
JOHN KENNETH RONEY, B.S., 1936
GLENWOOD LOUIS SCHERTZ, B.S., 1934
HANNAH ESTHER STUTTLE, B.S., 1937
JOHN ROBERT TAYLOR, B.S., 1935
ROBERT BATES THRALL, B.Ed., Eastern Illinois State Teachers College, 1932
CLARENCE LOUIS VAUGHN, A.B., Fisk University, 1936
WILLARD BROOKS WILES, B.Ed., Illinois State Normal University, 1928
WALLACE ROSCOE WINKLER, A.B., 1937

In Electrical Engineering

JOSEPH LOUIS BISESI, B.S., 1923
GEORGE GLAN, Radio Engineer, University of Bordeaux, 1935

In Entomology

EDMUND CARPENTER PUDDICOMBE, B.S., 1937
EUGENE RAY, A.B., 1933

In Geography

RALPH EDWIN BIRCHARD, A.B., Iowa State Teachers College, 1937
ASSEN NICOLOFF, A.B., Oberlin College, 1929; A.M., Northwestern University, 1930

In Geology

MARTIN JOHN DEUTH, A.B., DePauw University, 1936
JOHN RAYNESFORD WILLIAMS, A.B., 1936

In Home Economics

MARION JUNE BUCK, B.S., 1933
EVELYN CONSTANCE CHAMBERS, B.S., 1936
MARY ELIZABETH JENSEN, B.S., University of Wisconsin, 1935

In Horticulture

WILLIAM CORNELIUS WALKER, B.S., 1937

In Library Science

VIRGINIA MAE LACY, B.S.(Lib.), B.S.(Educ.), Hampton Institute, 1933, 1936

In Mathematics

PAUL HAMILTON ANDERSON, A.B., Ohio University, 1937
JOHN CLARENCE BELL, B.S., 1937
NACI ISKENDER, B.S., 1937
MARGARET ISABELLE MADDEN, B.S., 1936

In Mechanical Engineering

CHARLES FREDERICK BAILEY, B.S., Virginia Polytechnic Institute, 1937
RICHARD BOTT ENGDAHL, B.S., Bucknell University, 1936
JESSE MACK TUCKER, B.S., University of Tennessee, 1932

In Physics

WILLIAM EMERSON FRYE, A.B., 1937
VICTOR ROOT GOINGS, B.Ed., Southern Illinois State Normal University, 1932
HAROLD FRANKLIN MARKER, B.Ed., Eastern Illinois State Teachers College, 1934
RUSSELL DEWITT O'NEAL, A.B., DePauw University, 1936

In Theoretical and Applied Mechanics

RICHARD HENRY HEITMAN, B.S., Iowa State College, 1936
ROBERT LESLIE JORDAN, B.S., 1930
HENRY ALBERT LEPPER, JR., B.S., George Washington University, 1936
HARLAN ERWIN OEHLER, B.S., 1937
LUDWIG THEODORE STOYKE, B.S., 1936

In Zoology

MARGUERITE HARPER, A.B., 1927
LOUIS AUGUSTUS KRUMHOLZ, B.S., College of St. Thomas, 1932
VICTOR SPRAGUE, B.Ed., Southern Illinois State Normal University, 1932

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

MARY JANE ADSIT, with Honors in Speech	CLARENCE TUELL BACON, with High Honors in Psychology
ROSE JUNE ALPERT, with High Honors in Sociology	LOUISA ELIZABETH MARGARET BACZUK, with Honors in Mathematics
WALTER ARNOLD AMBERG	MARCIA LOIS BAGLEY
WILLIAM ROBERT ARNOLD	EDITH JENNIE BARBER
WILLAMARY ASZMANN	MARTHA REVEL BARNES
BERNICE M. AUGDAHL, with High Honors in Sociology	WILLIAM LESTER BARTLETT

EDGAR ELLSWORTH BARTON, with High Honors in Political Science
 RUTH MARIE BATEMAN
 JUNE MARIE BEARE
 BONNIE LINDA BENNETT
 FLOYD LE ROY BENSON
 DOROTHY LOUISE BERGER, with High Honors in French
 JAMES EARLE BICKERTON
 AUGUST BERNARD BLACK
 DAVID HAROLD BLACKWELL, with High Honors in Mathematics
 JUDITH CATHERINE BOEGERSHAUSEN
 HOWARD FRANK BOMAN, with High Honors in Political Science
 MARGARET ELIZABETH BOUDRYE
 SHIRLEY ELIZABETH BRADFORD, with Honors in Political Science
 FREDERICK CHARLES BRASH
 MARIALICE BREEDLOVE
 WILLIAM THOMAS BRENNEN, Jr.
 JOHN JACOB BROOKS, with Honors in Economics
 WILLIAM BAYARD BROWDER, with High Honors in Economics
 ISABELLE IMBLER BROWN
 THOMAS OTIS BROWN
 MARIBELLE BRYANT
 ANNE BULLOCK
 EDWARD LONGFELLOW BURGE
 PHYLLIS LUCILLE BURNS
 ROBERT ISADORE BURSTEIN
 MARGARET SARAH BUSEY
 MARJORIE ELIZABETH BUTLER
 CAROLINE CALLOWAY, with Honors in English
 THOMAS JEFFERSON CANAVAN
 WILBUR DEAN CAPPS, with Honors in History
 MARY ELIZABETH CARD, with Honors in Geology
 MARGARET ELIZABETH CARLSON, with High Honors in Mathematics
 JOHN INGWERSEN CARR
 JOSEPH ROBERT CARSON
 BETTY LOIS CARVER
 MARGARET FRANCES CASE
 WAYLAND BERT CEDARQUIST, with Highest Honors in History
 JANE CHANDLER
 JANE CHAPECK
 BERNARD JOSEPH CHAPMAN
 ABE CHARNES, with Highest Honors in Mathematics
 CAROL IDELLA CHRISTIANSON, with High Honors in History
 DOROTHY ALICE CLARK
 HOWARD WHEELER CLEMENT, with Honors in Political Science
 EDNA AGNES COARD, with Highest Honors in English

BERTRAM RAND COHEN
 HARRY COHEN, with Highest Honors in Chemistry
 JAMES CARL CONDON, with Honors in Geology
 MARY JANET COOK
 NADYNE COPENHAVER
 HELEN CORBIN, with High Honors in Sociology
 SAM JOHN CORELIS
 VIRGINIA FRANCES COX
 ELLEN IRENE CRAIG
 KERMIT KARL CUNNINGHAM
 DALENE EMILY CURTIS, with Honors in French
 MARGARET MYRTLE DADY
 CHARLES EDGAR DALY
 ADELINE DEACETIS
 MARY KATHARINE DEARTH, with High Honors in Psychology
 HARRY JOSEPH DEARWORTH, with Honors in History
 MARION ELSING DECKER
 ROBERT FAUSTER DECKER
 PAUL SAMUEL DENNING, Jr.
 GLADYS MARY DEWOLFE
 JANE TAYLOR DICK
 EMMA MARIE DIRKS
 JOHN ROBERT DOBSON
 LLOYD ARMSTRONG DODD, with Highest Honors in Economics
 JAMES FRANCIS DONAHUE, Jr.
 FRANK EVERETT DUBACH
 DOROTHY DURHAM
 MALCOLM DANIEL DURR
 WAYNE PADDOCK DYER
 CHRISTINA RODGER EASTON
 MARJORIE EDWARDS, with Honors in English
 NORMAN EISENSTEIN
 JEAN EVERHARD FAIR, with High Honors in History
 BETTY FARIS, with Honors in Psychology
 GEORGIA ELIZABETH FARWELL
 MINNIE FEFERMAN, with Honors in Political Science
 DOROTHY IRENE FENNELL
 HENRY DRESSOR FERGUSON
 FRED WILLEFORD FILE, with Honors in Political Science
 CARL MICHAEL FISCHER
 HAROLD CARL FISCHER
 GUSSIE LORRAINE FISHER
 JOHN FORTMAN, Jr.
 ANNAMARGARET FOSTER
 FREDERICK WILLIAM FRANCK, with High Tutorial Honors in Spanish
 BILLIE SHIRLEY FREEDMAN, with Honors in History

RUTH HELEN FRESEN
 JOYCE LOIS FRIEDMAN
 SEYMOUR FRIEDMAN, with High Honors
 in Psychology
 GUSTAVE DANIEL FRIESEM
 JANE AUSTIN FUNKHOUSER
 DEAN OWEN GARVEY
 RUTH CAROLINE GARVEY
 EMMA JANE GENTRY
 ANNE MARGARET GIBLIN
 FRANCES ELIZABETH GILBERT, with
 High Honors in English
 ROBERT AUGUST GOEBEL, with Honors
 in History
 RUTH LOUISE GOEBEL
 ELIZABETH GOETSCH
 GABRIEL GORDON, with Honors in
 Economics
 KENNETH MILTON GORDON, with
 Highest Honors in Chemistry
 BESS LOUISE GOUDEY
 JEAN ELIZABETH GRABLE
 WILMA FRANCES GRANT
 JOHN FLOYD GRAY, with Honors in
 Psychology
 THEODORE BURT GREAVES
 SEYMOUR GREENBLATT, with High
 Honors in Political Science
 DOLORIS GREENMAN, with Honors in
 Speech
 KERMIT CLAIRE GREGORY, with High
 Honors in Sociology
 MARY ELIZABETH GRIFFITH
 EDWARD DEAN GRIMES
 ELISE SOPHIA GROSSE
 HARPER LESLIE GROVE, JR.
 PAUL ROBERT GUBBINS
 CHARLES TERRY GUELTIK
 WINONA ETHELTON GUNN
 HELEN ELIZABETH GUTHRIE
 LEON GUTTERMAN
 AUDRE ADELE HALL
 GENE HARNEY, with High Honors in
 English
 MARGARET ANN HARRISON
 CLEO IRENE HAVENER
 MARY ELIZABETH HAWBAKER
 ORVILLE J. HAWKINS, JR., with Honors
 in Bacteriology
 MARY LOU HAYES
 MARY LOUISE HAYS
 SAMUEL WAHL HAYS
 ADA JANE HENDERSON
 DELORIS ELEANOR HENDRIX, with
 Honors in History
 HELEN LOUISE HICKMAN, with Honors
 in English and History
 MARGARET ANN HOBSON, with Honors
 in Latin
 MELVILLE JAMES HOLIK
 LAURA VIRGINIA HOLLAND

HARRY HOOGSTRAAL
 SEVER LAVERNE HOPPERSTEAD
 MARY HUBLER
 CATHERINE ANN HUDELSON
 STANLEY HUGHEY
 MARJORIE JOSEPHINE HUHN
 GERALDINE LOUISE HULET, with Honors
 in German
 MARGARET MARY HUMES
 HELEN JOANNA DADY HUNTER
 PAUL MONROE HUPP, with Honors in
 Economics
 LYNN HENRY HUTCHENS, with Honors
 in Zoology
 JAMES LOUIS JACKSON, with Honors
 in English
 MARY JACQUELYN McWHITE JAMES
 MILDRED ROSE MARIE JANATA
 GUTHRIE EDWARD JANSSEN
 DOROTHY JUNE JENSEN
 MILFORD CYRIL JOCHUMS, with Highest
 Honors in English
 ELAINE GRACE JOHNSON
 MARY KATHRYN JOHNSON
 SOLLY WILSON JOHNSON
 CHARLOTTE HUGHES JOHNSTON, with
 Highest Honors in English
 PAUL HALLER JONES, with Highest
 Honors in German
 RUSSELL ARTHUR KABERG
 BERNARD JAMES KAPLAN
 MARIAN LOUISE KARR
 PHYLLIS MARGARET KASER, with High
 Honors in Sociology
 SYBILLA KEELER
 PHILIP LINCOLN KEISTER, with Honors
 in Political Science
 CARL ELDON KELLY
 RICHARD LEE KENYON, with High
 Honors in Chemistry
 MAURICE WILLIAM KEPNER, with
 Honors in Economics
 DOROTHY JANE KERR
 BETTY MARGARET KILROY
 PAUL EARLE KIMBALL
 HOWARD CURTIS KINGSBERY
 NOLAN WELDON KLECKNER
 HOWARD STANLEY KLEIN
 WALTER JOHN KLOCKAU, JR.
 WALTER HERMAN KNOBEL
 CARL WARNER KNOX
 ESTHER MILDRED KNUTZ, with High
 Honors in Mathematics
 FRED VINTON KOEPKE, with Honors in
 Chemistry
 JANE ELLEN KORSHAK
 SEYMOUR JULIUS KOVOLOFF
 GARNETTA ELAINE KRAMER
 JUANITA KRENZ
 STUART CHARLES KROESCH, with
 Honors in Political Science

- PHILIP HENRY KROH
 LENORA JEAN KROOT, with Honors in
 Sociology
 JOHN BRUCE KRUGH
 KARL LOUIS KUECHLER
 MARGARET ROSA KUNZ, with Highest
 Honors in Sociology
 GLADYS BERENICE LADEN
 WILLIAM MORTON LANHAM, with
 Highest Tutorial Honors in
 Chemistry
 JAMES WALTER LANTZ
 MARY GENE LARR, with Honors in
 Bacteriology
 LOUVERN JOSEPH LAUTERMAN
 ALEXANDER EDWARD LAWSON, JR.
 LUCY MAUD LAWTON, with Honors in
 French
 CARROLL ROSS LAYMAN
 MARY MARTHA LEASE, with Honors
 in Psychology
 MARY BAIN LEHMANN, with High
 Honors in Speech
 SAM EDWARD LEVIN
 PAUL WATSON LIBBY
 IRWIN SIDNEY LIPPE
 ELLIS BEECHER LITTLE
 ROSINE JOAN LOEB
 BERTRAM MORTON LONG, with High
 Honors in History
 EDITH HALDEN LONG, with Honors in
 French
 FRANCES HELEN LONGMIRE, with
 Honors in Economics
 GEORGE ALBERT LUTZ
 MARY MARGARET LYON
 JOSEPH JOHN MAGSAMEN, with High
 Honors in Political Science
 ROBERT REDDING MANCHESTER
 WILLIAM PRYOR MARSHALL
 FRANK WILLIAM MASEK
 DOROTHY IDA MASON
 GERALDINE ELOISE MAURER, with
 Highest Honors in Chemistry
 MONTROSE Pallen McARDLE, III
 ALAN GORDON McCORMICK
 LeROY WILLIAM McDONALD
 WILLIAM THOMAS McELVEEN
 SARAH EDITH McKINSTRY, with
 Honors in History
 JOSEPH KNOX McLAUGHLIN
 GERTRUDE LOUISE McLEAN
 HOSMER TRYON MERRELL, with Honors
 in Zoology
 HENRY GRAYDON MOLL
 RUTH LOUISE MONTROSE
 VALETTE ADELE MOONEY
 WILLIAM JOHN MORELAND
 MACPHERSON MORGAN
 MARY WILSON MORRIS
 NATHAN ANDERSON MORRIS
 HUGH MORTONSON
 JOHN GLENN MOSHER, JR.
 PHILIP MOSKOWITZ
 LILLIAN FRANCES MOSS, with Honors
 in German
 HORACE KRIEGH MOULTON
 RITA HELENE MOXLEY
 CHARLES BARBER MUELLER, with
 Highest Honors in Zoology
 ALBERT BERRY MULLENIX
 MIODRAG MUNTYAN
 FLOYD ALBERT NECKROSH
 LILLIAN ALENE NELSON
 MARGARET ANNA NEWCOMB, with
 High Honors in Sociology
 JACOB LESTER NEWTON
 SARA LEE NOVACK, with Honors in
 Sociology
 MYKE NOVOTNAK
 MARJORIE HELEN O'KEEFE, with
 Honors in German
 JAMES ALBERT O'NEIL
 MARGUERITE MARIE ORLER
 MICHAEL GEORGE ORLOVICH, with
 High Honors in History
 RALPH SPENCER OVERMAN
 MARY HUNTER OWENS, with Highest
 Honors in German and in
 Chemistry
 MARCELLA ANN FREDERICKA PACHIAREK
 KENNETH HENRY PALMER
 MARTHA HELEN PEACOCK, with Honors
 in French
 ANITA DOROTHY PEARSON
 MARY EDITH PEEBLES
 MARGARET ANN PETERS, with Honors
 in French and in German
 ELINOR JANE PETREE
 MOLLIE-MAE PHELPS, with Honors in
 Sociology
 PHYLLIS PENEAL PIGGOTT, with High
 Honors in Bacteriology
 PAULA ELIZABETH PITANN, with
 Honors in Chemistry
 MARY ELIZABETH POTTER
 MARY CATHERINE POWELL
 EVERETT PROSSER, JR.
 TRUDIS IRENE RADER
 HENRY LOUIS RADI
 LUELLA AURELIA RAITHEL
 MARY ALBERTA RAUSCHERT
 LAURA MADDEN ELIZABETH REDICAN,
 with Honors in English
 LEWIS CARMEN REED
 CARLYN PAULINE REINEBERG
 FANCHON ERNESTINE REMUND, with
 Honors in English
 HARRY ELMER RHOADES
 WILMA ANNETTE RICHARD, with High
 Honors in German
 IDA MAE RICHMOND

- BENJAMIN RIFKEN
 FREDERICK WARREN RIGGS, with
 High Honors in Political
 Science
 HALLIE JUSTINE RIVES
 JOHN THOMAS ROBERTSON
 HELEN RODMAN
 BETTY LOUISE ROGERS
 LUCILLE CAROL ROGERS
 IRVING LEONARD ROSENBERG
 ADA MARGARET ROST
 JOHN RICHARD ROYAL
 RUTH JUNE ROYCE, with High Honors
 in History
 PATRICIA KATHERINE RYAN
 ROBERT JOSEPH SAAL
 BIRDIE LEE SADLER
 JEANETTE LOUISE SALINGER
 ROBERT WILLIAM SAPORA, with
 Honors in Political Science
 HATTIE MARIE SAWYER
 MARY ELIZABETH SCHAFER
 JOSEPH CHARLES SCHARDT, JR.
 WILLIS RICHARD SCHICK
 MILDRED ELIZABETH SCHLIE
 ELLEN MARGARET SCHNEBLY, with
 Honors in English
 GERALD JAMES SEBESTA
 BOB EDWARD SELLS
 ROY WILLIAM SERVER
 HELEN MORGAN SHAILER
 FRANKLIN JULIUS SHAW
 BERNICE PHILOMENA SHEA
 BEULAH MAE SHEETZ
 REUBEN SHIMAN
 CLARENCE GILBERT SIDWELL, with
 Highest Honors in Chemistry
 BERNICE SIMON
 PHILLIP DAVID SIMON, with Honors
 in Political Science
 IRVING BOB SKOLNIK
 PEGGY CATHERINE SMITH
 WILSON LEROY SMITH, with Honors
 in Political Science
 VIRGINIA MADGE SNIDER
 ROY JOHN SOLFISBURG, JR.
 NATHAN SOSTRIN
 ELLEN PIERSALL SOUSLEY
 LOU RAY SPENCE, with High Honors
 in Political Science
 MILDRED ELIZABETH SPITLER, with
 Honors in Political Science
 LOWELL ALVIN SPURGEON
 SAMUEL JOSEPH STAGNITTO
 MILTON HARRY STEHMAN, with Honors
 in History
 BENJAMIN FREDERICK STEIN
 ROBERT STERNFELD, with Honors in
 Philosophy
 MARGARET RUTH STEVENSON, with
 Highest Honors in English
 PHYLLIS JANE STONE
 FLORENCE EILEEN SUTTON, with High
 Honors in History
 RUTH HELEN SUTTON, with High
 Honors in English
 EDWIN McMUNN SWENGEL, with
 Honors in History
 RICHARD EDWARD SYNOLD
 CLIFFORD MASASHI TAKENAKA
 ANGUS MACLEAN THUERMER
 LYDIA BRUCE TILLEY
 IRVING TROSS
 PAUL ALBERT TSCHANNEN
 ERNEST EDWARD TUCKER, with High
 Honors in English
 ADELE JOAN TUMAN
 JUNE BERNICE TURNER
 RUTH ELIZABETH TUTTLE
 JUNE VIRGINIA UNDERWOOD
 RUTH URIE
 MARGARET VAN HORNE, with Honors
 in English
 JOHN ERNEST VELDE, JR.
 ELON SANFORD VERRY
 LADDIE JOSEPH VOSAHLIK
 RUTH HALL WADE, with Honors in
 Economics
 MAURICE LESLIE WARD
 ARTHUR HOWARD WARNKE
 HARLAND DANIEL WARREN
 PATRICIA ANN WARREN
 WILLIAM FARNON WATSON
 SHIRLEY EMMA WATTLEWORTH, with
 Highest Honors in History
 RUSSELL DICKINSON WEBB
 JAMES RICHARD WEISIGER, with
 Highest Tutorial Honors in
 Chemistry
 MORRIS LOUIS WEISS
 JAY JUSTIN WELCH, with Highest
 Honors in Chemistry
 HELEN CALVIN WELLS, with Honors
 in Economics
 ELEANOR ANNE WHITE
 HOWARD SMITH WHITE
 CHARLES ALBERT WIGHT
 LIBBY LUE WILEY
 LOUISA MABEL WILLIAMS
 CHARLES MARSHALL WILSON
 CHARLES MAXON WILSON
 EILEEN CAMPBELL WILSON, with High
 Honors in Spanish
 FRANCES ACHSAH WILSON
 VIRGIL DEAN WINKLER, with High
 Honors in French and Highest
 Honors in Geology
 PAUL JOSEPH WOODS, with Honors in
 History
 ROBERT EUGENE WOOLDRIDGE
 WILLIAM JOSEPH WRIGHT
 VICTOR YAFFE
 HELEN ZABOKRTSKY

In Home Economics

ESTHER JANE CARLSON
JUNE JEANETTE SCOTT

ISABELLE EILEEN SCOVIL
MADELINE MAY STUCKWISCH

Degree of Bachelor of Science*In Liberal Arts and Sciences*

JANE CARLIN, with Honors in
Bacteriology
STERLING JESSE COLLINS
ALVIN JOSEPH DIRKSEN, with Honors
in Chemistry
ROSEMARY ELAINE DOLAN
DAVID KARL FELIX
GEORGE BRADY FELL
ARTHUR WEBSTER FELT
MILO DELORE FERGUSON
WILLIAM ANDREW GARRETT
JUNE ROSE GELLER
JEROME GREENBLATT
EDWARD JOSEPH HAVLIK
GEORGE FRANK HENDRICKSON, JR.
BERNARD IRWIN JUSCHINSKY
JAMES C. KLEIN
FRANCIS XAVIER LUETH
MAX MASLOVITZ
ARISTA MERCEDES MCCORMICK, with
High Honors in Bacteriology
JOHN JOSEPH McDONNELL
WILLIAM JOHN MORSE
GEORGE ARTHUR OLANDER, JR.
JOHN POTSCH
CHARLES JOSEPH RICKHER
ESTHER RISKE

NATALEE JUNE ROMINE
ALLAN KENNETH SCHNEIDER, with
Highest Tutorial Honors in
Chemistry
JOHN BRANSON SPROULL
WARREN PRESTON STOCKWELL
CHARLES HENRY SUMMERSON, with
Honors in Geology
FRED WILBUR TANNER, JR.
HARRY ROBINSON THOMAS
THOMAS HAMPTON THORNBURN, with
Highest Honors in Chemistry
JANET HELEN VERNON
CROFT THOMAS WADDINGTON
RICHARD BATTSON WALKER, with
Highest Honors in Botany
BRUCE JOSEPH WALLIN
CLAY WEAVER, with High Honors in
Chemistry
HELMUTH ADALBERT WEGNER
VERNON WOLAVER WESTBROOK
VIRGIL DEAN WINKLER, with High
Honors in French and Highest
Honors in Geology
BERTRAND ALBERT WRIGHT, with
Honors in Zoology
FRED ZIMMERMAN

In Chemistry

RALPH FRANCIS ANDERSON
CLYDE EDWARD ARNTZEN, with Honors
RALPH KENNY BARCLAY, with Honors
FRANCIS BINKLEY, with High Honors
BERTRAM CHARLES BLANKE
JAMES ALBERT BOHLEN
WILLIAM JOSEPH ALVIN BOWEN
JOSEPH MARIAN CISKOWSKI
HARLAN CLAY CRAIG
JAMES HENRY DAVITT
MAURICE NATHAN DEUTSCH
BERNARD FRED DUDENBOSTEL, JR.
ROSS ARNOLD HANSON, JR.
RICHARD BEREND HASBROUCK, with
Highest Honors
GEORGE FRANK HOBLIK
NORMAN KAPLAN, with High Honors
HARRY ALEXANDER KORNBERG

HARRY HARRISON KROLL, with Highest
Honors
ALBERT LEPKOVSKY
FRED JOHN LUCHT, with Highest
Honors
WILLIAM GLEN MEADE
ANTON MUDRAK
MAX VALENTINE NORRIS
FRANK THOMAS PISKUR
HOMER HARRISON SABIN
HENRY MAURICE SHAFER, with High
Honors
EMILY KATHERINE SHEPARD, with
Honors
JOHN SONG
PHILIP MARION WALTERS, with High
Honors
PAUL FEARS WILEY, with Honors

In Chemical Engineering

WILLIAM ALVIN ACKERMAN, with
Highest Honors
CLARENCE OSCAR ANDERSON
WILLARD PATTERSON ARMSTRONG, with
High Honors

ROBERT WILLIAM BENOLIEL, with
High Honors
LOUIS DONALD PAUL CHEVALLEY
PREMO CHIOTTI
JOHN ROY COCHRAN

EDGAR LONGACRE CONANT, JR.
 JAMES GARNETT DOWNER
 CLARK FOGLE, with Highest Honors
 DONALD EDWARD GREGORY GLASSCO
 JAMES ROBERT GREGORY, with Honors
 ROBERT FRANCIS HUEHNER
 ELMER HULMAN
 OSMAN HAMILTON HUNTLEY
 LOUIS HENRY HUTH, with Highest Honors
 ROBERT MILES KASTNER
 WILLIAM BERTAN KATZ, with Highest Honors
 DEAN RUSSEL KEATING
 WILLIAM HYNDS MITCHELL, with Honors
 THOMAS PETER MOUNDRES, with Highest Honors

ALBERT JULES ODIET
 WILLIAM DALE POOL
 CLYDE LEE REED
 WILLIS KEITH REYNOLDS
 HARRISON EDWARD ROMINE
 EDGAR DRUMMOND SHIPPEE, with Honors
 WILLIAM CLARENCE STRADER
 ALFRED JOHN STROHMAIER
 EUGENE FREDRIC SWANSON
 ARTHUR WILLIAM THOMAS
 RALPH S. THORPE, with Highest Honors
 JOSEPH GABRIEL VLCEK
 ALBERT JAMES WOOD, with Honors
 WILLIAM MCKEE WOODS, JR.

In Home Economics

MEDORA MAE CLOW
 SARAH ISEMAN JENCKS
 KATHARINE ELIZABETH MANCHESTER, with Honors

JEAN MCPHERSON, with High Honors
 LOUISE ADELE SEITER, with Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

FRANCIS WOODROW ADAMS
 ROGER GERARD ASHAMY, with Honors
 FRANCIS HOWARD BACHMAN, with High Honors
 JOSEPH JOHN BARATTA
 ALFRED JOHN BARTUSCH, JR.
 FRANKLIN ARCHIBALD BASSETT
 PANSY GENEVIEVE BEST
 JOHN BARTLETT BIXBY
 EUGENE BLAIR, with Honors
 HENRY GEORGE BORDEN
 GEORGE VICTOR CARRACIO
 THOMAS WILLIAM CASPER
 LLOYD GRANT COCHRAN, with Honors
 MARCUS FRANK CORD
 JOE VIOLET CRABTREE
 EDWARD JUDSON DILLON
 HAROLD AUBREY DOWNING
 DEAN WILLIAM DUTRACK
 MILES SCHMID DUWE
 HOWARD HAMILTON GASAWAY
 ORA DALE GAY
 BETH GRONEMEIER, with Honors
 VERN JAMES HAMPTON
 CARL JOSEPH HILLEMAYER
 MAX EUGENE HOLLENBECK
 HELMUT ERNEST HOLTMANN
 KARL DODD JAHNKE, with Honors
 JAMES REES JONES
 KEITH LYBROOK KAELEN
 ROBERT CARLTON KIRKPATRICK

CLARENCE HENRY KROHN
 ALVIN LEE LEGEL
 EUGENE PHILLIP LUNDEEN
 JOSEPH MAHRU, with Honors
 WOODROW WILSON MANN
 SEYMOUR FREDRIC MARKS
 RAYMOND FREDERICK MARRS
 ROBERT EDWARD MARSH, with Honors
 BRUCE CUMMINGS MCGEE
 WILLIAM KING MCMAHON
 CORNELIA RUTH MCNARY
 LOUIS FRANKLYN MCNEIL
 WILLIAM REITZ MEAD, with Honors
 CHARLES RICHARD MELVIN
 UNO MILLER
 HARRY JUSTIN MODELL
 THOMAS AQUINAS MURPHY, with High Honors
 MARVIN NORDEN NACHMAN, with Honors
 LAUREN CLYDE NIDIFFER
 JOHN COPELAND O'BYRNE
 LELAND CLARE OLIVER
 FRANKLIN GEORGE PFEIFFER
 WALTER JAMES PRZYBYLSKI
 BENJAMIN ROBERT PURVIN, JR., with High Honors
 FRED EDWARD ROEDGER
 WALTER THOMAS RZECZKOWSKI
 KENNETH ARNOLD SCHUETTE
 WILLIAM FREDERICK SEAR

DORICE DWIGHT SHUMWAY
 FREDERICK WAKELAND SMART
 ROBERT CLARENCE SMITH
 WILLIS CLIFFORD STEVENSON, with
 Honors
 WILLIAM JOSEPH STOLLENWERK
 LEWIS TANNER, with Honors
 FLETCHER SPRAY TAYLOR
 EDWARD JOHN THELIN
 SAMUEL HERBERT THOMPSON

FRED HAYMAKER TOMLIN, with Honors
 LUDVICK RAYMOND TORKAR
 CHARLES JAMES URBANSKI
 BRUCE FISHER WHITE
 JULIANA EDITH WHITE
 ROY MILFORD WILKINS, JR.
 ROBERT ALVAH WILLARD
 DAN POWELL YORK
 JESSE NELSON YOUNG, with Honors
 EDWARD CHARLES ZAJAC

In Accountancy and Banking and Finance

GEORGE EDWARD ALTMANSBERGER
 KENNETH FRED ANGEL, with Honors
 ALDO EPIFANIO ANZZOLIN

VERLE GOODWIN DOLLAHAN
 ORIE EDWARD HUSSER

In Banking and Finance

BERNARD WINFIELD BONINO, JR.
 WINSTON EDWARD BULLINGTON
 GEORGE JOSEPH CERNY
 WARREN KIEFER CONFER, with High
 Honors
 JOHN ALLEN DOUGLAS
 RICHARD B. FAY
 HOWARD ALLAN GROHNE
 JOHN EDWARD HUISMAN
 JOHN SCHERR MACFERRAN, JR.

JOHN LOUIS MARLEY
 RUSSELL GEORGE O'CONNOR
 MAURICE LARSON PETERSON
 FRED JOSEPH PETRUSKA
 HAYNES EUGENE REESE
 ROGER RIEDEMANN
 JOHN MARCUS SCHOFIELD
 RAYMOND CONRAD STEPHENSON
 HOWARD WINSTON STOKES
 JEROME GILBERT TROWE, with Honors

In Commerce and Law

WILLIAM EDWARD BERRY
 CHARLES WILLIAM DAVIS
 WAYNE TRAFTON DENNIS
 OTTO EUGENE FUNK
 IRVING LOUIS GOTTLIEB
 ALEXANDER LUTHER HAGLUND
 GILBERT HALL HENNESSEY, JR.
 HERBERT DONALD KASTIEN

NORMAN KENNETH KELLY
 ANTHONY JOSEPH MANUELE
 JOHN WILLIAM MEARA
 KENNETH BARNETT POWLESS
 JOHN WILLIAM SCHRIBER
 GEORGE CLARENCE SLIFKA
 MOUNTFORT HORNER SMITH
 ROBERT JAY THEDE

In Foreign Commerce

PRISCILLA SOLVEIG BORGERSEN
 WALTER CORDERY BROWN
 STANLEY LOUIS GOODMAN
 ALBERT GROSSARTH
 STANLEY WILLIAM HENDERSON

WILLIAM WEBBER LOCKE
 ARTHUR KEMPTER SHAVER
 J. MELVIN SILVERMAN
 VICTOR ALEXANDER WALZ

In General Business

JAMES LLOYD ANDERSON
 DEXTER RAYMOND BARRETT
 BURTON LEO BASKIN
 ROLIN L. BAUCOM
 RICHARD HENRY BECKER
 CLOE LOIS BEDFORD
 JOSEPH DODDS BEVIS
 EVERETT KEITH BLACK
 GERALD EUGENE BLACK
 STERLING ANDERSON BLACKSTONE
 CAROLYN ELIZABETH BORAH
 JUSTIN HARRY BOSLEY
 WILLIAM TERRILL BRAY

ERNY WALTER BRIGGS
 ROBERT MARION BROWN
 SHIRLEY RUTH BRYANT
 BERNARD MAC BUCHER
 BERNARD WARNER BURNS
 EDWARD JAMES CALLAHAN
 ELDON CAMPBELL
 GILBERT FISHER CAMPBELL
 ALFRED MALCOLM CLAEBOE
 GEORGE AMOS CLARK
 ALVIN JOSEPH CLAVIN
 IRA GIL COHNS
 RUSSELL DONALD COOK

WALTER ROSCOE COOK, with Honors

FRANCES MARY CORKERY

KENNETH EDWARD CRAMER

DOROTHEA ELIZABETH CREIGHTON

CARL HAMPTON CROUCH

THOMAS WEBSTER CRULL

LYMAN WESLEY DACK

DOROTHY BERYL DAMISCH

ROBERT THOMAS DARVILL

DONALD HOAR DAVIDSON

JOHN RICHARD DAVIDSON

GORDON VINCENT DONNELLY

NORA ECKER

THOMAS SCOTT EDDIE

ROBERT WILLIAM EDWARDS

CHARLES FRANCIS EGGERT

GLENN VERNON EHNI

VERNON RICHARD EICHSTAEDT

JOHN JAMES ESPLIN

ROBERT DEWITTE FAST

SOPHIE LOUISE FINK

ELEANORE FRANCES FOHR

WILLIAM M. FOLGER

ROBERT DAVID FREY

DOROTHY MARGARET FRUIN

EARLY LYMAN GILBERT, JR.

FOSTER GILGIS

RICHARD JOHN GLASEBROOK, with Honors

MELVIN SOLOMON GOLDMAN

MARVIN FRENCH GOODWINE

BRUCE VERDUN GREEN

JACK RYAN GRIMM

HOMER LAWRENCE GUCK

ELIZABETH ROSE GYORY

ROBERT LEON HAM

FRANK CHARLES HAUERSCHUH, with Honors

PATRICIA MARGARET HARAN

GERALD WALKER HEATH

DONALD ALISON HENRY

WAYNE SKAGGS HESTAND

CHARLES FRANCIS HIGHT, with Honors

GENE FREDERICK HILDEMAN

JAMES McDONALD HILL

JOHN ALDEN HOBART

ROBERT ROGERS HOLDEN

VINCENT NOEL HORNING, JR.

EDWIN SIMONDS HUNT

ROBERT EUGENE HUNT

HARRY FRANKLIN HYND

JOHN PARKER IRISH

LOUISE JACOBSON

JUNE NAOMI JOHNSON, with Honors

CHARLES IRWIN KELLER

WILLIAM GRIMM KELLER

LEONA GENEVIEVE KETEL

JOSEPH BERNERD KLEMP

CLARENCE HENRY KLEPPER

ALBERT HERMAN KNAUERHAZE

HELEN MARIE KNOEBEL

MYRTLE ANNE KNUTH

KENNETH WALTER KOEHLER

JAMES FREDERICK KRAMER

WILLIAM KUSZ

JAMES FRANCIS LALLY

JAMES RUSSELL LAMMERING

RICHARD PRATT LAMOREAUX

KENNETH JOSEPH LAURENT

RUSSELL RAYMOND WALTER LAYER

MILTON MOTZ LEYHE

JOHN WILLIAM MCGINNIS

ROBERT ELLSWORTH MCGLASHAN

KENT CORTELYOU MCKNIGHT

FRANK OLIVER MCLEISH

JAMES ERNEST McMACKIN

CHARLES COURVOISIER MERCK

VIRGIL JOSEPH MEYERS

WILLIAM BRYSON MILLIGAN, JR.

ROBERT CLYDE MONTGOMERY

ROBERT EDWARD MORGAN

SIDNEY LLOYD NEMEYER

MELVIN MILLER NIELD

ANN NORTON

TABOR ROBERT NOVAK, with Honors

EVERETT SIMON OLIVER

THEODORE FRANCIS OLSON, JR.

VAN ROBISON PARKER

JEAN ESTELLA PARKS

CHARLES IRVING PEARSON

KIRBY FARMEN POST

ELINORE LOUISE POWERS

MARGARET LEILA RAUCH

LAURENCE HAINES REHM

HOMER ALEXANDER REID

MARY ELLEN RENNICK, with High Honors

THOMAS LEE RIDGE

CHARLES HENRY RIPPE

LILLIAN HOTHAN ROMMEL, with Honors

RUTH RUNYEN

SYLVESTER ADAM RYBA

RICHARD CHESTER RYNIKER

RALPH SABETTI

MARGARET FRANCES SANKS

ALBERT LOUIS SAUTTER, JR.

OLIVE MAY SCHREFFLER

GERALD WILLIAM SENG

LOUIS JOHN SHANNON

IRVEN EDWARD SILKEY

JOSEPH CHARLES SINDELAR

MARY AUGUSTA SKIDMORE

DORIS LOURDES SMITH

ROBERT FREDERICK STAFFORD

CHARLES FREDRICK STANSBERRY, JR.

RICHARD CHARLES STARE

WILLIAM DUANE STEWART, JR.

SHIRLEY IRENE STILL

NORMAN FRED STOLZE, with Honors

IMOGENE DAWSON STOTLER
 ELMER MAGNUS STRANDBERG
 JOHN BERNARD STUTZ, with Honors
 DALE ARTHUR TANNER
 NORMAN RICHMOND TAYLOR
 JANE ELIZABETH THARP
 JOHN MELVIN THOMPSON
 DAVID TURNBULL
 WENDELL WINN TURNER
 LOUIS DAVID VANMULLEN

EDWARD STANLEY VOJACEK, with Honors
 C. NUGENT WEDDING
 WILLIAM CHURCHILL WETHERBEE, with Honors
 JUNIUS PRENTICE WHITEHURST
 LAURA ELIZABETH WRIGHT
 EDWARD CLINE YEATON
 WILLIAM FRANCIS YERGER

In Industrial Administration

GIBRAN MICHAEL BACCASH
 EUGENE CHARLES BAUER
 SAMUEL LENORD BOGORAD
 JOSEPH JOHN BRISTOW
 EDWARD GEORGE BRUHNKE
 CHARLES DELBERT CHRISTENSEN
 REXFORD JOHN CUNNINGHAM
 DAVID KENNETH DAVIS
 AMOS HERBERT FLINT, Jr.
 EDMUND JEROME FRUIN

RAYMOND KEITH GALLAGHER
 VERNON WILBERT HAAG
 RAY ARTHUR MASEK
 HARRY EUGENE MAST
 ROBERT MARSHALL MOORE
 EDWARD JOHN REZABEK
 CHESTER LYNN SNYDER
 CHARLES DENNIS WAGNER
 THOMAS HENRY WATTS

In Trade and Civic Secretarial Service

MARY ELIZABETH MORROW

In Transportation

HARRIS LEROY GREGG
 JAMES ELMER OSBORN
 VITO BERNARD PETRAITIS

ARTHUR ROBERT STANGE
 JOHN RYMAN WILMOT

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Agricultural Engineering

DALE IRVING CRONKHITE
 KENNETH EUGENE FULLER

SAMUEL HOLMAN WOODWARD

In Ceramics

HARRY JOHN BECKEMEYER, Jr.
 MELBOURNE KENNETH BLANCHARD
 RAYMOND TOBIAS GUTMAN
 RICHARD FLEMING HAVELL

JOHN KENTON HESTER
 EDWIN CHARLES HERMAN PLOETZ
 JOSEPH TARRE

In Ceramic Engineering

STANLEY HARTENBOWER BOYLE
 JOSEPH JOHN BROUK
 PAUL EUGENE BUCKLES
 ROBERT BRYSON DAY
 JOHN EUGENE FRIESS
 JAMES ARTHUR MAURER, with High Honors
 LELAND JAMES MCCLEISH
 JOHN GERALD MOORE
 WILLIAM CHARLES OWEN

NORMAN FRANKLIN REWOLDT
 RAYMOND DEE STEPHENS
 ALMON WILLIAM TUCKER
 JOHN BATTISTA VERNETTI
 PORTUS M. WHEELER, Jr.
 HARLOW RUSSELL WHILDIN
 HERMAN FREDERICK EDWARD WOLTIL
 CHARLES ELMER WRIGHT
 GEORGE HERBERT ZINK

In Civil Engineering

HARRY WALTER ATKINSON
 CHARLES LUSTER BADGER
 DONALD ARTHUR BASSETT
 LeROY LESTER BRINK
 CHARLES EDGAR CARTER
 RICHARD ROKE CHERSKOVE
 SAMUEL NICK DANIELS
 ELMER AUSTIN DIXON
 RAYMOND EPSTEIN
 JOHN MILTON ERICSON
 JOHN WILLIAM GEE
 HAROLD EVERETT GOEKE
 NELWIN CLEATIS GRIMM
 EUGENE GUILLARD
 WILLIAM HOLLY
 PAUL HARRY KAAR
 DONALD LEE KIRBY
 MAX EUGENE LAMB
 FRED WILLIAM LEAKE, JR.
 RAYMOND IRVING LELAND
 LEONARD CARL LINDBLOM
 ALBERT LITVIN
 ROBERT WRIGHT McFERRON

JOHN CLARK McKIBBIN
 FRANK ELLIS MILLER
 ROBERT WILLIAM MILNES
 CHARLES STANLEY MONNIER
 SEXTON ARTHUR OLIN
 JAMES OSCAR POTTER, with Honors
 JAMES MUELLER ROBERTSON, with High Honors
 JOHN THEODORE ROBINSON
 LOUIS EDWARD SALCH
 HENRY ANDREW SCHMIELAU
 THOMAS JEFFERSON SCOTT, with High Honors
 WALTER OSCAR SEABURY, JR.
 GUY WARREN SEXAUER
 CHARLES WARREN STONE
 WALLACE HOWARD STUMM
 SYDNEY TABACH
 HENRY TILL
 WILLIAM RUSSELL TODD
 EDWARD FRASER WILSON
 PAUL LAWRENCE ZUMWALT

In Electrical Engineering

FREDRICK HARVE AMES, JR.
 CARL EDWARD ASBURY
 JONATHAN McMILLAN ASKEW
 RALPH FREDERIC BATT
 LORIN T. BLEUER
 PETER BOLLONE
 EVERETT FRANCIS BUEHLER
 THURMAN GHEIL CAMPBELL
 DANIEL KOELSCH CHINLUND
 ALBERT RAY ENGELSCHALL
 FRANK EUGENE FISHER
 STEWART EDWIN FRISBIE
 RICHARD CLARK HAMMERQUIST
 CLARENCE GOODWIN HERRINGTON
 KENJI HINO
 FRANK EDWIN HOSTETTLER
 ROBERT EDWARD JEFFRIES
 ROBERT LOREN JOHNSON
 WARNER ALDREN JOHNSON
 RUSSELL JULIUS KEELER
 WLADIMIR KOTOWITSCH
 FRED ADAIR LINN
 PAUL ARTHUR NILSSON
 WARREN DENTON ORR

MAX ORTNER, JR.
 CARL RUNGE PETERSON
 ROBERT POPE POWERS
 RICHARD ROGERS PRESTON
 GILBERT CHARLES REIMAN
 GEORGE MATHEW REZNY
 DONALD WILLIAM RUSSELL
 PAUL WINCHELL RYBURN, with Honors
 STANLEY WILLIAM RYDEN
 CHARLES SOLOMON SANDLER, with Honors
 GEORGE MARCELLIOUS SCHERRER
 WARREN WALTER OLIVER
 SCHMALENBERGER
 RUSSELL TERRY SIMMONS
 WILLIAM ARTHUR SINKS, JR.
 WILLIAM ROGER SLOAT
 OSBORNE BROOKS SMITH
 VIRGIL LeROY SNELL, JR.
 LOUIS ALFRED GEORGE TER VEEN
 ROBERT JACKSON TURK
 LLOYD JORDAN WALDRON
 FRANCIS MARION WHITAKER
 EDMUND CASIMER WIST

In Engineering Physics

MAURICE VALENTINE ADAMS, with High Honors
 EDWARD AVEDICE BELOIAN
 FRANCIS EDWIN EDWARDS, JR.

PHILIP ROGER GILLETTE, with High Honors
 RAYMOND CHARLES GUTSCHICK
 MILTON PARKER VORE, with High Honors

In General Engineering

ROBERT WILLIAM DALRYMPLE
EDWARD JAMES HOLLAND, JR.
ALFRED HUGHLYN HUNTER

DON ARCHIBALD PARKHURST
EUGENE HAROLD PIETSCH

In Mechanical Engineering

JOE MATHIAS ANDERSON
HAROLD EDWIN ARNOLD
LYLE CARPENTER ATWOOD
CHARLES ERWOOD BECK
HARRY BECKERLE, JR.
RICHARD ORA BEITEL
HUGH HENRY BENNINGER
EDWARD FREDERICK BUROW
DONALD ELMER CARNCROSS
WILLIAM GEORGE CHAPPELL, with
Honors
WILLIAM KEITH COCHRAN
JOSEPH KENNETH DECKER
CARROLL HILTON DUNN
RALPH FREDERICK FEARN, with High
Honors
J. ROBERT FLETCHER
HOWARD JACK GOSS
ALBERT EUGENE HARTMANN
RUDOLPH JOHN HOUKAL, JR.
GEORGE REINHOLD JOHNSON
JOHN MORRIS KELLER
EDWIN FREDRICK KOEHLER
BORIS YVON KUTNER
JAMES LONG
CLARENCE BERNARD MANSKY

EDWARD CHARLES MANTHEI, with
Honors
CALVIN BENNETT McELHOE
CHARLES MARK MIDDLESWORTH
JACK ANTHONY NACHOWITZ
NORRIS VINCENT NEEDHAM
ALFRED MAGILL NELSON
JOSEPH LESTER PELTZMAN
FRANCIS FRED POPPENBURG
GEORGE HAROLD POTUS
THOMAS JOHN PUTZ, with Honors
WILLIAM DYCKMAN RICH
CHARLES RICHARD ROCKWELL
SIDNEY SCHNITZER
JOSEPH ENGELBERT SCHOBEL
EDGAR SCHOIJ
HOWARD OTTO SCHOLL
BENEDICT THOMAS SCHWAR
WILLIAM ANTHONY SLUPIK
KURT SPRENGLING
WILLIAM RANDOLPH STAGGS
HAROLD NELS SWANSON
FRANCIS KASMIR USALIS
JAMES MALVIN WALDEN
STEPHEN JAMES WENTHE
JOHN FRAZER WHITE

In Metallurgical Engineering

HOWARD WAYNE MINER, with High
Honors

In Mining Engineering

ARNOLD WILLIAM ASMAN
JOHN LEO BROWN

OSWALD VINCENT JOHNSON
MATHEW MARK RETONDE

In Railway Civil Engineering

MARTIN JOHN GOERS

PAUL CHRIS TRAUB

In Railway Electrical Engineering

LELAND LEVON DAVIS

DONALD FRANKLIN MARSTON

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

PAUL AUGUSTUS ADAMS
RAYMOND JULIUS EMIL JOHN ALBERTS,
with Honors
FRED BRIDGES ALCORN
CARL RAYMOND ALMGREN, with Honors
FRANK WINSTON ANDREW

CHARLES CLARENCE BAIN, with Honors
ROBERT CANTLEY BECKER
HAROLD EUGENE BELL
WALTER BERG
JOHN LESLIE BLACK
HOWARD THEODORE BOES

KEITH SOWERS BROWN
 SAMUEL LOWELL BUDDEMEIER
 VERNON EUGENE BURGNER, with
 Honors
 WALLACE McMURRAY BURROUGHS, JR.
 FRANK MARLOW CASE
 PAUL CAVELLO
 CARL EDWARD CHAPLIN
 DONALD WALTER CHRISTIANSEN
 OWEN KOHL CHURCHILL
 JOHN RICHARDSON COOPER
 ALFRED WILCOX COWGILL
 LEIGHTON MEADOWS CROPPER
 BYRON KEITH CROXTON
 MAURICE EUGENE CROXTON
 JAMES HENRY DAVIS
 LOREN HUMISTON DAVIS
 DENZIL ELLIS DEES
 MILBOURN FRANK DEMUNN
 JOHN LEROY DIAMOND
 RICHARD FRANKLIN DUGAN
 JAMES ROSCOE DUNSETH, JR.
 EDWARD OXLEY ELLIOTT
 MARTIN WILSON FARNAM
 WESLEY HOWARD FARRELL, JR.
 WENDELL LEROY FARRIS
 JOE BERNARD FEHRENBACHER, with
 Highest Honors
 FRANK ADDISON FIEBER, with High
 Honors
 ORVAL CLEO FLOYD
 RAYMOND LLOYD FOX
 DAVID LLOYD FREEMAN
 HOWARD GARBER FUGATE
 LUIS ANTERO GARCIA
 GLEN GATES
 ALAN LESLIE GOODMILLER
 FREDERICK SNOW GREENMAN
 ROBERT CHARLES HALCOTT
 WALTER JUDSON HANEY, with High
 Honors
 PAUL LEROY HANNA
 HOMER T. HEAPE
 HAROLD RUSSELL HECKMAN
 ABRAHAM LINCOLN HERM
 RICHARD ADAM HERM
 HALE ARVID HOLM
 FRANK HAROLD HORN
 ANNABELLE CAROLYN HOWSER
 JAMES CHRISTOPHER HOYT
 ROBERT WILLIAM HUFFORD
 DALE WENDELL HULL
 FREDERICK DONALD IOERGER, with
 Honors
 ALBERT GREGORY KALLAL
 CHARLES FREDERIC KELL
 RAYMOND GILMORE KENT
 LYLE DONALD KERLEY, with Honors
 THOMAS BERNARD KIRKPATRICK, with
 Honors
 JOHN ARTHUR LAMB

DONALD ELMO LARIMORE, with High
 Honors
 CLARK RAYMOND LARSON
 ROBERT KERMIT LAWSON
 JAMES CHRISTOPHER LESAR
 REX HERSCHEL LIGHT
 LEONARD BEECHAM LOCKETT
 WILLIAM HARVEY LONGLEY
 JOSEPH RAYMOND MCGANN
 JAMES EARL MCJILTON
 VERNON FRANK MEYER, with Honors
 WILLARD D. MOORE
 HARRY JACOB AMMEN MURDOCH
 DELANE IRVING MURDOCK
 WARREN ERWIN MYERS
 KENNETH QUENTIN PADDOCK
 HOWARD RUSSELL PARISH
 THOMAS GERALD PEARSE, JR., with
 High Honors
 NORMAN ALAN PERRY, with Honors
 CECIL MELVIN PIFER
 DAVID CAMPBELL PLAYER
 EVAN HENRY CHESTER POCKLINGTON
 IRVIN LEONARD POCKLINGTON
 DONALD BARTLETT POPE
 ROBERT DEAN POSTLEWAITE
 ELDON DWIGHT POWELL
 GERALD ROY REDMAN
 DAVID WALKER RHINEHART
 JOHN RAYMOND RHINEHART
 ROBERT JAMES RIMINGTON
 LEE ACHESON RODGERS
 DAVID HENRY RUEBUSH
 WESLEY EARL RUTHERFORD, JR.
 FRED OLIVER ST. JOHN
 RALPH ERNEST SCHELLING
 JOHN JOSEPH SCHERRER
 STANLEY EDWIN SCHWARM
 GLEN DELMAR SHIPPY
 CHARLES ALBERT SMITH
 WILLIAM GILMORE SWEARINGEN, with
 Honors
 W. HOMER SWITZER
 BYRON DALE THIER
 CHARLES LAVERNE VOORHEES
 HOWARD BAKER WADDELL
 KENNETH THORNTON WADE
 ROBERT HETFIELD WARNER
 MEREDITH WAYNE WATTS, with
 Honors
 VERN HERBERT WATTS
 GEORGE ALBERT WEBB
 FRANKLIN ANDREW WERNER
 EBER FOREST WETZEL
 LESLIE WILLIAM WHITE, with Highest
 Honors
 MORSE WILLIAM WHITING
 JAMES DARWIN WIKOFF
 BYRON WRIGHT
 ROLAND GEORGE YAGER
 DEAN SEYMOUR ZEHR

In Floriculture

MARY ANN DORNER

KARL GEORGE KLEHM

In Home Economics

CAROLINE ROBERTA ALEXANDER
 ADA MARY ALLEN
 NOLA ELVIE ARNOLD
 MILDRED MARIE BASS, with Honors
 MARGARET EDITH BAUDISON, with Honors
 RUTH VIRGINIA BENNETT, with Honors
 HELEN MARGARET BLOSS
 MARY ELIZABETH BOHLEN
 THELMA VIRGINIA BONVALLET, with Honors
 ESTHER MARGARET BRUCE
 MARGARET ELIZABETH BURDICK
 CLEO MARIE BUTLER
 WANDA JUNE CASTO
 MARY DANE CORY
 HELEN TRENT CORZINE
 JOSEPHINE ELAINE CRAWFORD
 ELIZABETH CREIGHTON
 MARGARET ELEANOR DIXSON, with Honors
 MABLE ALICE ECK
 MYRTLE ANNA ECK
 NELLIE MARIAN EHLE
 EUREATH ARLENE FREYERMUTH
 LUCILE JOSEPHINE GINGERICH
 GARNET LOUISE GINTHER
 MABEL LEONE HARKNESS
 RUTH ELIZABETH HARPER
 LUCILE HIESER, with Honors
 ELLEN MAUDE HILL
 LOUISE MARY HORAN
 RUTH ALICE HUBBARD
 MARJORIE HELEN INNES
 DOROTHY JENSEN, with Honors
 MELVA BERTHA JOHANNIGMEIER
 MARGARET ELLEN JOHNSON

BETTY ANN KNIGHT
 WILMA LEESMAN
 ELIZABETH MACCLINCHIE, with Honors
 HELEN MAE MALEK, with Honors
 NOLA CLEMENTENE MASSIE
 MILDRED MARCELLA MAST
 HERMIEN RUTH MYERS
 RUTH NORTELL
 DORIS LOUISE RAMP
 DOROTHY MAE ROODHOUSE
 GLADYS EILEEN ROSS
 MARTHA LOUISE RUCKER
 GERALDINE CLEONE RUSSELL
 KATHRYN ELIZABETH SANDERS
 CAROLINE WILHELMENIA SCHICK
 JEAN MARY SCHOTT
 LETA LILLIAN SCOTT
 MARIAN MARGARET SINGLETON, with Highest Honors
 ASTA CAROLINA SMIDT
 ALBERTA MAUD SMITH, with Honors
 DOROTHY ISABEL SNYDER, with Honors
 VIRGINIA MARY SPILLER
 WILMA LOUISE SYKES
 DOROTHY ALINE TIMM
 MARDELL DILLON TOMPKINS, with Honors
 LUCILE WILBURN TURNER
 MARJORIE LEOTA VAN WORMER
 ELEANOR LUCILLE VELDE
 HELEN RUTH WAHLBERG
 PEARL WILMA WARD, with Honors
 BEULAH EDNA WEEDON
 MARY ARLENE WOLFRAM
 MARIAN FRANCES YEPSEN, with Honors
 CHARLOTTE VIRGINIA YOUNG

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

MARY ELIZABETH ADKINS
 PHYLLIS JEAN ARMSTRONG, with Honors in History
 ELOISE ASHBY
 ELEANOR FISKE BAILEY
 BARTON ORMSBEE BAKER
 MARTHA BANKER
 NORMA AGNES BARTS
 HESTER LOUISE BAYLISS
 GRETCHEN JANE BECKMAN
 MARY ELIZABETH BELL

ANDREW STERLING BENNETT
 GERTRUDE EILEEN BENNETT
 EDITH LILLIAN BERGSTROM
 JOHN RUDOLPH BERNER
 ELIZABETH IDA BLUEMKE
 HONORE EVELYN BLUMENFIELD
 GEORGE WILLIAM BODECKER
 DOROTHY JANE BODY
 WILLIAM THOMAS BOURGEOIS
 EDWIN PORCH BRADBURY
 ELLEN SUE BRETSNYDER

JOSEPH ANTHONY BROWN
 MARGARET HELEN BUCK
 RICHARD BENJAMIN CARLTON
 MARY LOU CARTER
 JACK ROSS CERVANTES, with Honors
 in Spanish
 RHEE BETTY CHIDEKEL
 LOIS FRANCES CHURCHILL
 DOROTHY LOUISE COLE, with Honors
 in Mathematics
 RUTH ELNORA CORTRIGHT
 MAXINE ELIZABETH COSGROVE
 LILLIAN LOUISE CRESS
 GEORGE EDWARD CURTIS
 FRANCES BONNIBEL DAVIS
 RUTH MARIE DAVIS
 AVERY MILTON DICKERSON
 PHILIP HILL DOHERTY
 HELENA ANNA DOLL
 HELEN JEAN DONALDSON
 ELORIS MARGUERITE DONNER
 HELEN MARIE DRAIS
 DOROTHY ROSE DUBLIN
 GRACE MARIE DUNN
 IRVING PHILIP DURCHSLAG
 ELOISE CHRISTINA EBER
 PEGGIE MAE REEDE EDSON
 ALMA DELLE ELLIFF
 DORIS MARIE ELLIS
 DOROTHY EPSTEIN, with Honors in
 Mathematics
 LESLIE JOSEPH EVANS
 LOIS ELEANOR EWING
 JEANNE RUTH FIFIELD
 CATHERINE DENA FOLIS
 ARVILLA MARJORIE GAARD
 MARY JANE GALLEMORE
 EUGENE STUART GARRETT
 VINCENT HAROLD GEHR
 HELEN MARY GEHRING
 MIRIAM GELLER
 JOHN ANDREW GEORGE
 JOHN JOSEPH GINAY
 MICHAEL DANIEL GIOKARIS
 ANDY RAYMOND GLOSECKI
 LEE CLIFFORD GOLDBERG
 LOREN EDWARD GRABB
 GENEVIEVE GREEN
 MARJORIE WADDELL GREEN
 HARRIET JANE GREENE, with Honors
 in Education and Mathematics
 BERNICE EVELYN GRINYER
 ELIZABETH ANN GROFF
 RUTH MARIE GUSTAFSON
 ARTHUR WESLEY HAAS
 HYMAN HANDELMAN
 RENÉE HARPER
 MARIAN VIRGINIA HARRIS
 DOROTHY HOPE HEADLEE
 ALICE ANNA HEALE
 VIRGINIA MAE HODSON

CARROLL JOSEPH HUBBLE
 BOBBIE ANITA HUDSON
 ILENE BELL HURL
 DANIEL RALPH IANNELLA
 BETTY ILES
 RAYMOND SALVATORE IMAN
 MARY MARGARET IRWIN
 ALTA MARIE ISAACS
 ELMER ANDREW IVARY
 LEON NICHOLAS JARAND
 VELMA KATHERINE JEFFERS
 LILLIAN TAYLOR JOHNSON
 MARIAN ELIZABETH JOHNSON
 MAX JOHNSON
 EMILY JANE JONES
 WALTER AXEL JORGENSEN
 MARIE MARCELLA KAPPUS
 DOROTHY MARIE KENNEDY
 HARRIET MAXINE KIMBALL
 EILEEN LAURA KINCAID
 ENID EMOGENE KINER
 CHARLES CLIFFORD KING
 EVELYN FRANCES KNOPPEL
 LESLIE DONALD KNUDSEN
 JULIA LOUISE KOCH
 ELMER JOSEPH KOESTNER
 MABEL ROBERTA KOFOED
 EVAN GEYER KOONS
 MARY ELIZABETH KOVAC, with Honors
 in Education
 ETOILE THORNER LA CROIX
 MARY ELIZABETH LAMBERT
 DWIGHT WILLIAM LANGHAM
 MAY IRENE LARSON
 OLIVE LOUISE LAUTERBACH, with
 Honors in Latin
 MARJORIE ALVINA THERESA LA VALLE
 CHARLOTTE LUCIA LeBOSQUET
 WILLIAM GEORGE LEHMANN
 JOHN ALBERT LIPFOLD
 DORIS EMMA LOESCHER
 VIRGINIA DOROTHY LOREK
 CATHERINE JAYNE WINIFRED MACK
 GEORGE ANDREW MAGNUSON
 JACK ROBERT MALACH
 PHYLLIS JEAN MANNING
 SANTO LOUIS MARINO
 JEAN EMILY MARTIN
 KATHRYN HOWARD MASSIAS
 JOHN BARGER MCGILL
 JOSEPH PATRICK McMENAMIN
 CORNELIA LOUISE McNEAL
 SARAH LEE MEYER
 WILLIAM FRED MEYER
 ROSALIE CATHERINE MILLER
 RUTH MARIAM MILLER
 ELIZABETH ANNE MOSIMAN
 JANE ELIZABETH MULLETT
 CHARLES MAURICE MUTTER
 MARY BRIERLEY NELSON
 DOROTHY JANET NESS

THEODORE JOSEPH NYKIEL
 DOROTHEA MAY PEPPERDINE
 GENEVIEVE FLOSS PERRY
 PAUL LAWRENCE PETTY
 BETTY JANE PHILLIPS
 JAY FREDERICK PICKERILL
 ELLA MAE PIERCE
 FLORENCE ADDA BISHOP PLAYER
 LU ADA HENRIETTA PORTER
 VIRGINIA NORMA POWELL
 ALICE EMILY PULCHER
 MARGARET FRANCIS RAGO
 JANE RAUSCH
 MIRIAM REIZNER
 REX WINSLOW REYNOLDS
 ROSCOE LEROY ROBERTSON
 MARY CATHERINE ROCHE
 DRUSILLA PARKER RUMRILL
 FRANK RAY RUSSELL
 EINA MARGARET RYAN
 ALLEN VICTOR HEIMBACH SAPORA, with
 Honors in Physical Education
 JANET VIVIAN SATOR
 LUCILLE KATHERINE SCHAFER
 FREDERIC ROSS SCHEIDECKER
 ARNOLD EARL SCHENK
 PAUL EVERETT SENDER
 DORIS ELAINE SENGSTOCK, with
 Honors in French
 GLENN SHAFFER
 FRANCES CLAUDINE SHEETZ
 CATHERINE JOSEPHINE SIDLO
 BERTHA CECILE SLOSER
 MARTHA ELEANOR SMITH
 WAYNE DAVID SPANGLER
 WANDA LOIS SPENCER
 MARY JANE STEIDEMANN

ALBERT W. STERN
 CARMA GERALDINE STORM
 JOSEPH HOWARD STRENG
 MARGARET ROUSE STUBENRAUCH
 ELIZABETH ENGEL TECKENBROCK
 MYRTLE LINNEA THELIN
 LESTER ARNOLD THRASHER
 NORMA RUTH TIR
 MARIANA TRICKEY
 BESSIE MAE TYRRELL
 CARROLL FRANCIS VAN DEVENTER
 EDWARD ROBERT WACH
 BETTY JAYNE WAGNER
 HELEN GERTRUDE WALSH
 ROLLA JOHN WALSTON
 JANE VIRGINIA LORRAINE WATCHORN
 VIRGINIA ADAMS WEBER
 WILLIAM CARL WEBER, JR.
 MARY ELIZABETH WEITZEL
 LYNDELL NEAL WELBOURNE
 SCOTT EMERY WELLER
 VIRGINIA JOSEPHINE WESTERVELT
 GEORGE ALLEN WETZEL
 ELINOR ALYCE WHEELAND
 MARY WHITTEKER
 ROBERTA BETH WILLMORE
 HENRY RICHARD WINIARSKI
 VIRGINIA ELEANOR WINKLEPLECK
 EDITH ELAINE WOOD
 MARY LOUISE WOODBURN
 CAROL JANE WRIGHT
 LOUISE ELIZABETH WRIGHT
 MARY ELIZABETH WRIGHT
 CLIFFORD J. WYNKOOP
 RALPH WILBUR ZECH
 LORRAINE MARGARET ZEISLER
 BERNICE JOSEPHINE ZWICK

In Agricultural Education

RALPH WILLIAM JOHNSON

PAUL EVERETT SENDER

In Home Economics Education

ALICE BLESSING ALLEN
 DORIS ELLEN BOLIN
 MILDRED OLIVE CARROLL
 PHYLLIS MAURINE CURL
 BARBARA GENEVIEVE EATON
 LAURA ANN FINK
 WILMA JOSEPHINE FOX
 FLORENCE ISABEL LITTELL
 REINOU JOHANNA MAURITS

MARGARET MARY MONFORT
 ELEANOR PAULINE PETERS
 HELEN LOUISE PETERSON
 DOROTHY LOUISE PRINTZ
 RUTH ELIZABETH ROBB, with Honors
 in Home Economics
 KATHERINE VIRGINIA SEIDEL
 MARION CHARLOTTE SIMON
 RUTH VIRGINIA STROHM

In Industrial Education

RUSSELL PATRICK DOYLE
 PAUL WILSON LIEHR

OTHA JAMES MILLER
 WILLIAM RUSSELL STURGEON

In Music Education

MARGARET CECILIA McDERMOTT (as
 of October, 1928)

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

ROBERT KARL BAUERLE	JOHN J. PETERSEN
CHARLES EDWARD DENTON	HYMAN HENRY SHER
LAWRENCE EDWIN GAILEN	WALKER GERHARD STONE
MICHAEL JOSEPH HERED	JOHN STEEL TRIMBLE
FRED JAMES KILE, with High Honors	HAROLD EDWARD WEBER
ARTHUR WILBUR MILLS	

In Architecture

JOHN VINCENT ANDERSON	GEORGE WALTER GRAY
JOHN FRED BARTELS, with Honors	WILLIAM LEE HORSTMAN, Jr.
BERNARD HOLMES BRADLEY, with Honors	AUGUST JULIUS IGNELZI
HOMER STODDARD BUTLER, Jr.	HOWARD HERBERT KERN
COURTNEY BOYD COLE	JAMES DANIEL MURPHY
JOSEPH HENRY CRAMMER	HAROLD SIDNEY PAWLAN
CLARENCE EDGAR DONATH	DON ASHLEY REED
HAROLD RUSSELL EKKROTH, with Honors	FRANK MARSHALL SMITH
HOWARD WILLIAM FRANK, with High Honors	DONALD PHILIP STEVENS, with High Honors
BERNARD J. FRIEDMAN	THOMAS SCOTT TWERDAHL
	JACK WILBUR ZIMMER

In Music Education

SIBYL LOUISE BARBRE	ELEANOR LOUISE KRUGHOFF, with High Honors
CHARLES HERBERT BECKMAN	WALTER STANFORD LATHEN
WILLIAM LABERT BOGGS	LOWELL PRESTON LITTLE
HAROLD SWARTZ CONFER, with Honors	BERNICE CAROLINE MOORE
MARION ELIZABETH CORELL	MARGARET ALMA MORGAN
GUY M. DUKER, with High Honors	ELEN DOROTHY PETERSEN, with Honors
GERALDINE ANN ELLIOTT	CHARLES ALLEN RICKETTS
AUSTIN EUGENE GARRELS	RICHARD ELLIOT ROBERTS, with Honors
JOHN LEONARD GLOVER	JACK WESTOVER SEARGEANT
MARIETTA CHARLENE HALL	MARGARET STATLER SPROAT
CATHERINE ANNABELLE HANAWALT, with High Honors	JOSEPHINE HELEN STANAITIS
LOUISE B. HASELTON	JOHN ROBERT VAN NICE
CHARLES MASON HENDRICKS, with Honors	ERNEST EUGENE WELLER
MARGARET MARY HENNESEY	KEITH LEROY WILSON, with High Honors
DOROTHY ELIZABETH HEYDUCK	
EDWARD CLINTON KALB	

Degree of Bachelor of Music

AUSTIN EUGENE GARRELS	FRED WILLIAM WESTPHAL, Jr., with Honors
FRANKLIN MAXWELL JUVINALL	LORAMA WIESE
RALPH WILLIAM KINTSON	HARVEY CLARY ZORN

Degree of Bachelor of Fine Arts

In Art Education

JANET LEIGH CHADWICK	LOUISE SELMA KRUEGER, with Honors
DOROTHY GLADYS GUNDERSON, with Honors	KATHRYN FRANCES RALPH
THEYRA LUCY HARTONG, with Honors	ELIZABETH IRMA SORRELL

In Landscape Architecture

DANIEL JOSEPH FERRONE
WILEY THOMAS JONES, JR., with
Honors
JACOB HYMAN KATZ
WARREN DARRELL LEWIS
DOROTHY MAY NELSON

ROBERT MERRILL O'DONNELL, with
Honors
EMMY LOU SMITH
BARBARA LOUISE WARNER
ROBERTA ARDIS WIGHTMAN

In Landscape Architecture, City Planning Option

DONALD GRAHAM DAVIS

RALPH DESBRO HAMPTON

In Painting

RUTH ELIZABETH BRIGGS
GERALD WAYNE DAVIS
BEATRICE VIVIAN GEORGE
CHARLES EDWARD GERBER
MARION KORSMO
RAYMOND ELVESTER LEECH

JAMES HENRY GRAHAM LYNCH, with
High Honors
FRANCIS MARION MAIR
ELIZABETH ELEANOR MCCARTY
RUTH SUZANNE OSGOOD
WALDO WILDERMAN TISCH
IRIS ELIZABETH ZIMMERLY

COLLEGE OF LAW

Degree of Bachelor of Laws

FRED COURTNEY ARTHUR, A.B., 1935
WILLIAM HENRY BARRICK, A.B., 1936
MARK HUELSTER BEAUBIEN, A.B., 1936
JOHN JAMES BLACK, B.Ed., Eastern
Illinois State Teachers College,
1934
ROBERT HATCH BRUNSMAN, A.B., 1936
ROBERT GORDON BURNSIDE, A.B., 1936
WILBUR PHILIP COOPER, B.S., Beloit
College, 1932
WILBUR FREDRIC DANIELSON, A.B., 1936
HAROLD O. FICHTE, A.B., 1936
FRENCH LEVERING FRAKER, B.S., 1935
ROGER JOSEPH FRUIN, A.B., 1936
HAROLD JAMES GALVIN, A.B., St. Louis
University, 1935
JOHN GRAY GILBERT, B.Ed., Southern
Illinois State Teachers College,
1933
HERBERT GLAZER, A.B., 1936
WILLIAM EDWARDS HALL
BRUCE MARSHALL JONES, A.B., 1936
WILLARD VAN ARSDALE KELSEY, A.B.,
Illinois Wesleyan University, 1935
EDWARD FELIX KENEHAN, A.B., 1936,
with Honors
DONAN CHARLES KIRLEY, A.B., 1936
JAMES FRANCIS LEMNA, A.B., 1936
ANTON WOLSKI MAKAR, A.B., North
Central College, 1936
GALE ALBERT MATHERS, A.B., Knox
College, 1933

DEAN SMITH MCGAUGHEY, A.B., 1936,
with Honors
ALLEN CURTIS MCGURK, B.S., 1936
WALLACE WATSON ORR, A.B., Univer-
sity of Missouri, 1936
WILLIAM GOLAN PINSLEY, B.S., 1936
PERRY H. PLUMMER, JR., A.B., 1936,
with Honors
MAURICE GRAHAM PORTER, with Honors
ROBERT BEAUMAN PORTER, A.B., 1936
GEORGE POND PROCTOR, A.B., 1936
WILLIAM LLOYD ROLLER, A.B., 1935
ALBERT SAIKLEY, A.B., 1936
RICHARD ALBERT SCHNEIDER, B.S., 1936
ROTH SAMUEL SMITH, A.B., 1936
BERT PHILO SNOW, B.S., 1936
HERMAN WALTERFORD SNOW, A.B., St.
Viator College, 1937
MATTHEW WILLIAM STEFANICH, B.S.,
1936
WALTER STERN, A.B., 1934
HARRY ROLAND STEVENS, A.B., Knox
College, 1935
DANIEL STANFORD TAUMAN
CHARLES JOSEPH WALTERS, B.S., 1936
JOSEPH ANTON WANDERSCHIED, A.B.,
1935
GENE DAVID WEISIGER, B.S., 1935
SAUL THEODORE WINSTON, A.B., 1936
ARTHUR DAVID YOUNG, A.B., 1932

Degree of Doctor of Law

ALICE MARIE CHELLBERG, B.S., 1936,
with Honors

ALBERT HENRY KRUSEMARK, JR., A.B.,
1936, with Honors

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

JOHN JOSEPH AMBROSE	JOHN ARNOLD MABLEY
MARIAN LOUISE BAKER	JEAN ELIZABETH MANN, with Honors
BERNADINE OLIVE BAUMANN	JACK FRANKLIN MARR
BARBARA BELL	VIRGINIA RUTH MARR
JUSTICE LEFFEL BENDER	LOUIE CHERRINGTON MCKEAN, JR.
WILLIAM STANLEY BERCHER	ELSIE MARGARET MITCHELL
CHARLES WILLIAM BIDWELL	RUTH MORRIS
PERRY WRIGHT BLAIN	EARL COMSTOCK MOSS, JR.
KNOX BOURNE	FRANK JOSEPH MUELLER
HELEN THERESE BURGLUND	JOHN NICHOLAS MULLINS
BRYCE WILLIAM BURKE	LORRAINE MURPHY
INES CAUDERA	GROVER URADES NASH
PAULA JANE CHATTIN	PAUL ROBERT NELSON
ROBERT MICHAEL CLANCY	MARGARET MARIE OLDHAM
RAYMOND CHARLES CLAYDON	ROBERT WARREN OLSON
MICHAEL JOHN CONNOLLY, with Honors	EILEEN MAY PETERS
SHEILA JANE CROOKE	FANNY GALE PIERSON
FREDERICK LYON DALTON	ALICE LUCILE PITTS
CHARLES LOHMANN DANCEY	MARION JOHN PODRAZA
NED THOMAS DAVIS	FREDERIC ARTHUR PRUETT
BARBARA DIEHL, with Honors	MARTHA LOU PURVIANCE
JAMES EDWIN DIX	MAXINE VALERIE RABE
PERRY VAN EWING, JR.	ANTON REMENIH, JR.
NELIO ANTHONY FLORIO	MARY-JANE RYAN
GRACE MARION GATEWOOD, with Honors	HOWARD TILLMAN SANSTADT
NELL RANDALL GERE	RUTH SCHEFFER
HELEN MAXINE GLADDING, with Honors	JEAN ERMA SCHIFFNER
SHIRLEY LILLIAN GOODMAN, with Honors	MARTIN FERDINAND SCHMITT, with Honors
MARY JANE GRIMMETT	GROVER EDWARD SHIPTON
MARIE CAROLINE HENKEL	ROSEMARY STEUBER
FLORA LYDIA HOERR	ROBERT EARL STOUTENBOROUGH
KENNETH BAKER HORNING	WALTER CHARLES SUFT, JR.
MARIAN BURNS JOHNSON, with High Honors	ROY WILSON TAYLOR, with Honors
MARJORIE IDELLA JOHNSON	JOHN FRANCIS TRACY
JOHN WILLIAM KNIGHT	EDWINA ROSE VIRGIL
JAMES HOOKER KNOWLES	SHIRLEY RUTH WALLACE
JOSEPH JOHN KOWALSKI	ROBERT EDWARD WALTON
PAUL JULIAN LARSON	JANE KATHERINE WEBBER
GEORGIAN LABELLE LAWRENCE	GEORGENE WEBER
JOHN FONROSE LAWSON	HELEN RAE WESSELS
ROBERT CHARLES LEAS	KARINE ELIZABETH WESTERHOLM
JOHN GILMER LESSEL	ANN LOUISE WETTENGEL
RICHARD ANDREW LINCICOME	WILLIAM ANTHONY WHITEHOUSE
	NORMAN WINER
	VIRGINIA KAY WOLFF
	FREDERICK CONRAD WRIGHT

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

GENEVIEVE LORRAINE ANDERSON	MARGUERITE DOLORES BEGNOCHE, with Honors
HARRIET EDITH BAILEY	

FRANK ELLWOOD BELL, JR.
 WILLIAM FRANKLIN BENNIS
 THOMAS PETER BOUZEOS
 LEE CAREY
 LELAND ORVILLE DOLLAHON
 SAXON VIRGINIA ELDRIDGE
 HARRY EMERSON GAINES
 RAYMOND EDGAR HARMS
 ROBERT KORSGAARD
 CHARLES ROBERT KOVACIC
 NEIL MORTON LANCE
 MARION LOYOLA MCKENZIE

MARY KATHRYN MORRIS
 MARGARET ALICE OLSEN
 CATHERINE LOUISE PUTNAM
 MARION DALE REEDER
 LYNN W. RENNE
 MARY ANN SIMON
 SARAH ISABELL SIMPSON
 ADOLPH JEROME STEFANI
 JOHN STRELL
 HARRIET WATTS
 ROSA ELMYRA WHITLOCK

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

IRENE LOUISE ANDERSON, A.B., Drake University, 1935
 AUGUSTA GERAULT BEATTY, A.B., Mississippi State College for Women, 1931
 CHARLES JOHN BOORKMAN, JR., A.B., 1933
 JEAN RENNING BRAND, B.S., 1937
 AMIE ALICE BURNHAM, A.B., DePauw University, 1935
 MARGARET MAY CAFFALL, A.B., Washington University, 1920, with High Honors
 GILBERT LEWIS CAMPBELL, B.S., Purdue University, 1937
 PAUL TSING HSIEN CHEN, A.B., University of Nanking, 1926
 MARY EDNA COLBY, A.B., 1937
 RUTH CROSSMAN, A.B., Michigan State College, 1936, with High Honors
 ROMAINE RUTH DAMASKE, A.B., University of North Dakota, 1937
 ESTRILLA MYRTLE DANIELS, B.S., Bowling Green State College, 1929
 LAURA BETH DAVIS, B.S., Central College (Fayette, Missouri), 1931, with High Honors
 VELMA NONA DISEROW, B.S., Iowa State College, 1931, with Honors
 ELIZABETH JOAN EBRIGHT, A.B., Baker University, 1933; A.M., University of Kansas, 1936; with Honors
 HERBERTA LOUISE FAITHORN, A.B., San Francisco State Teachers College, 1936, with Honors
 VLASTA BARBARA FERES, A.B., 1937
 MARY EVALAN FISCHER, A.B., Western College (Oxford, Ohio), 1936
 MILDRED MARIE FORNEY, A.B., Illinois Wesleyan University, 1937
 EDWIN IRWIN FRIEDMAN, B.S., Northwestern University, 1935
 MARJORIE GLASS, A.B., Doane College, 1937
 BERNITA JANE GOLLY, B.S., Northwestern University, 1936
 ANITA J. GORIUS, B.S., Xavier University, 1933
 DOROTHY MAY GREEN, A.B., Hiram College, 1928; A.M., Ohio State University, 1933
 DOROTHY MARIE HAGEN, A.B., Washington University, 1935
 MADLYN EMILY HAYWARD, A.B., A.M., Washington University, 1935, 1936
 HERBERT ROSSBOROUGH HEARSEY, B.S., Ed.M., Tufts College, 1934, 1935
 DAVID GLENN HILTS, A.B., Union College, 1922; A.M., University of Nebraska, 1931; with Honors
 BERTHA E. HUGHES, B.S., State University of Iowa, 1931
 MARIAN MADIE IWERT, B.S., State University of Iowa, 1936
 MARIE FRANCES KELLY, A.B., State University of Iowa, 1933
 MARION MARGARET KOCH, A.B., Washington University, 1937
 HANNA ELSA KRUEGER, Ph.B., University of Chicago, 1928
 MERRY JOY LAMB, A.B., Asbury College, 1936
 MARY LARUE, A.B., Illinois Woman's College, 1920
 NANCY LOUISE LEACH, A.B., 1935
 GLADYS LUCILLE LEAMAN, A.B., 1937

FRANCES RUTH METCALF, A.B., University of Tennessee, 1936
 MARY LUCILLE MOORE, A.B., DePauw University, 1937
 DORIS LOUISE MORROW, A.B., 1931
 VIRGINIA ISABEL NICHOLS, A.B., MacMurray College, 1937
 CATHERINE ROBINSON OGDEN, A.B., University of Tennessee, 1935
 DOROTHY ELNA PARRISH, A.B., Mississippi State College for Women, 1933
 HARRIETTE PETEET, A.B., H. Sophie Newcomb Memorial College, 1936
 WANDA CLAIRE PRINGLE, A.B., 1937
 JUNE MAXINE REHFIELD, A.A., Stephens College, 1932; A.B., Drake University, 1935
 VIRGINIA BARMORE RICHEY, A.B., Duke University, 1937
 MARY EILLEN ROBERTS, B.S., Kansas State College of Agriculture and Applied Science, 1930
 FELICIA MARY RYAN, A.B., Bradley Polytechnic Institute, 1933, with Honors
 THELMA CHARLOTTE SCHULER, A.B., Butler University, 1929
 DOROTHY ELINOR SCOTT, A.B., University of Kansas, 1930
 ESTHER MARIAN SHUBERT, B.Ed., Eastern Illinois State Teachers College, 1937
 LOUISE MARIAN SMITH, B.S., Knox College, 1927
 MARJORIE DURLING SMITH, A.B., DePauw University, 1937
 FELIX EUGENE SNIDER, B.S., Southeast Missouri State Teachers College, 1930, with High Honors
 KATHRYN THELMA SOWERS, A.B., University of Akron, 1937
 RUTH SPALDING, A.B., Mary Hardin-Baylor College, 1926
 ELEANOR AGNES STAHL, A.B., Carthage College, 1937
 MARGARET LILLIAN STEINER, A.B., Willamette University, 1931
 MARY CAROLINA STOKES, A.B., Sweet Briar College, 1936
 LOTTIE-MAY STRAKA, A.B., University of Cincinnati, 1937
 NAOMI EILEEN STUFF, A.B., University of Cincinnati, 1937
 LOLA MAE TALLMADGE, A.B., Aurora College, 1929
 NANCY BEUHRING TAYLOR, A.B., Marshall College, 1937
 JOSEPHINE MATHEWS THARPE, A.B., Florida State College for Women, 1931, with High Honors
 BETTY LOUISE THOMAS, A.B., 1936
 HAROLD WALTON TUCKER, A.B., Rice Institute, 1936
 HAZEL ANNA WALZ, B.S., Northwestern University, 1936, with Honors
 ELSE MARIE WILD, A.B., University of Michigan, 1937
 MILDRED MARGARET WOOD, A.B., Lake Forest College, 1928
 PAULINE WOODSON, A.B., Wheaton College, 1936
 EVELYN GRACE YOUNG, A.B., University of Kansas City, 1937

Degrees Conferred June 10, 1938, in Chicago

COLLEGE OF MEDICINE

Degree of Bachelor of Science

In Medicine

MITRY PETER AJALAT
 LENDALL DEE ARCHER
 JULIUS NATHANIEL BELL
 BRUNON BIELINSKI, A.B., University
 of Miami, 1930; B.S., Lewis In-
 stitute, 1932
 ARNOLD BLACK, with Honors
 ROBERT SEELEY BLEIER
 CLINTON SPENCER BOND
 EDWARD JOHN BROPHY

GEORGE ROBERT CHOBOT
 WILLIAM LASSELLE COCHRANE
 WILBUR RANDOLPH COHLAN
 ARNOLD LOUIS COHN, with Honors
 MAX HELIX CUTLER
 MARVIN EDWARD ECKBERG, B.Ed.,
 Northern Illinois State Teachers
 College, 1936
 LEONARD HAROLD FAVUS
 MILTON FEINBERG, with High Honors

EDWARD GEORGE FELDMAN, with Honors
NEMO DEXTER GAINES, B.Ed., Southern Illinois State Normal University, 1935

WALTER GAINES, with Honors
LAWRENCE OGDEN GOODMAN
FERDINAND GORECKI
FOSTER ELLSWORTH GOSSARD
ERNST AUGUST GRIEF
EUGENIA ELEANOR GURSKIS
HAROLD FRANK HAILMAN, with High Honors

ROWINE MAE HAYES
WALTER GEORGE HAYNES
JACK S. HELMOVITZ, with Honors
EDGAR O. HUGHES
EDWARD JOHN JARUSZEWSKI, B.S., 1936
GRANT TREMPER JOHNSON
HARVE WILLIAM JOURDAN, Jr., with High Honors

MARVIN STANLEY KAGEN
LESTER KANTER
KARLTON HUBERT KEMP
THEODORE KIERSCH
VIRGINIA KIPKE, with High Honors
JOHN WILLIAM KOENIG
EARL HILMER KOEPKE
ELWOOD FRANKLIN KORTEMEIER
SAM KRUGER

PAUL LILJA LANE, D.D.S., University of Minnesota, 1923
SHIRLEY WILLIAM LANE
ARNOLD HAROLD LEAVITT, A.B., 1937
LOUIS LEMBERG
CARLETON WALTER LEVERENZ, Ph.G., 1925

FRANK MICHAEL LHOTKA
ARTHUR MANNING LINDSAY
SIDNEY SAMUEL LITOW
ROCCO VINCENT LOBRAICO, Jr.
ROBERT WILLIAM LOEFFLER
SAMUEL SEBASTIAN LOMBARDO
MONTIE MAGREE
CHARLES WENDELL MALSBUY, A.B., Illinois College, 1936

STANLEY JOSEPH MANKOWSKI
CHARLES JOSEPH MARINO
SIDNEY MARKS, with Honors
IRVING ALLEN MATZNER
WALTER MAU
GEORGE BRADLEY MCNEELY, Jr.
BENJAMIN SAMUEL MEYER, Ph.B., University of Chicago, 1936, with High Honors

GEORGE EDWARD MORGAN
STEPHEN DANIEL MOSNY, Jr.
HAROLD ROBERT OBERHILL
ROBERT PORTER O'DONNELL
THOMAS WALKER O'KANE
SEYMOUR SIDNEY PASTRON
ROY LEE PATTERSON
HAROLD MORRIS PERLMUTTER, with Honors

JAMES DONALD PIERCE
THEODORE ZANE POLICANDRIOTES
SEYMOUR LESTER POLLACK
LOUIS ROBERT PRUCHER
ARTHUR BERNARD PYTEREK
ELEANORE ALEEN REIDELL
JOSEPH MAURICE ROBBINS
BERNICE SHIRLEY ROSEN
ROBERT EMERSON RYDE
BERNARD J. SCHAFER
LOUIS SCHWARTZ
WENDELL PAUL SCOTT
ARTHUR JOSEPH SHAPIRO
JOSEPH T. SHULRUFF
MORRIS SIEGEL
MORTON SIMONS
GORDON GASKILL SNIDER
JOHN PAUL SPOMER
THEODORE ROBERT STEVENS
LAWRENCE LEROY SWAN
HYMAN TAVRIS
JUSTUS EARL TAYLOR, Jr.
ERNEST LOOK THOMPSON
ROBERT HAROLD TINKER
GERTRUDE RITA TORCZYNSKI
LOIS HELENA VISSCHER, with Honors
GEORGE NORMAN WANIATA, B.S., Armour Institute of Technology, 1931

HARVEY CHARLES WATERS
MAX EDWIN WEBBER
JACK WEINBERG, M.D., 1937
ALBERT ROBERT WEINGLASS, with High Honors
EUGENE WEISS, with Honors
MANUEL BERTRAND WEISS
HARVEY WHITE
JANE RUTH WINER
JOSEPH ALBERT WLOCZEWSKI, Jr.
GILBERT LAWRENCE WRIGHT
BERNARD YAFFE
THEODORE CLARENCE ZEMAN, Ph.C., 1934
NATHAN ZIMMERMAN
MITCHELL ZWEIG

Certificate in Medicine

EDMUND ROY ADLER, B.S., 1936
MEYER STANLEY ALBIN
CLIFFORD WORDEN ATHERTON
JACK MARK BAILS, B.S., 1937

JOHN WILLIAM BALLOU, B.S., 1938
HARRY E. BARNETT, B.S., 1936
WILBUR WHITTIER BAUMGARTNER, B.S., University of Chicago, 1933

- RAYMOND EMANUEL BENSON, B.S., 1937
 SAMUEL BERGER, B.S., 1936
 RALPH CARL BERKELHAMER, B.S., 1936
 MARK BERNSTONE, B.S., 1936
 GEORGE CHARLES BLAHA, B.S., Notre Dame University, 1934
 CLINTON SPENCER BOND
 JOHN AUGUST BOWMAN, JR., B.S., 1936
 JACK E. BROOKS, B.S., 1936
 PAUL HART BROWN, B.S., Wheaton College, 1934
 GEORGE WHITHAM CARLIN, A.B., B.S., 1935, 1936
 HORACE PEARSE CHRISTIAN, B.S., 1937
 ROBERT ELMER COHENOUR, B.S., 1936
 ARNOLD MELVIN COHN, B.S., 1937
 PHILIP EDWARD COHN
 BERNARD I. COOPERSMITH, B.S., 1936, with Honors
 PATRICK THOMAS DOLAN, JR., B.S., 1936
 EDMUND ROCHE DONOGHUE, B.S., 1936
 VICTOR MURPHY DORRIS, B.S., 1936
 DESALES GUILLAUME DUVIGNEAUD, B.S., 1936
 HAROLD EINHORN
 ALFRED BERNARD FALK, B.S., 1936
 ROBERT ALAN FANTUS, B.S., 1936
 EDWARD GEORGE FELDMAN
 LEAH FISHER, B.S., 1936
 EDMUND ARTHUR FLEXMAN, A.B., Carthage College, 1931
 RICHARD GEORGE FORT, B.S., 1936
 ISADORE FRIEDMAN, B.S., 1936
 JACK FRIEDMAN, B.S., 1936
 LEONARD DAVID FRIEDMAN, B.S., 1936
 ROSE FROMM, B.S., 1936
 RICHARD LAWRENCE FRUIN, B.S., 1936
 SAMUEL THEODORE GERBER, B.S., 1936
 GEORGE AUGUSTINE GODER, B.S., 1936
 ROBERT MAURICE GOLDSTEIN, Ph.B., University of Chicago, 1932
 RALPH GRADMAN, B.S., 1936, with Honors
 ADELINE S. GREENBERG, B.S., 1936
 GUS DEVATENOS GREGORY
 MARVIN GRUBMAN, B.S., 1936, with Honors
 EMIL GUTMAN, B.S., Battle Creek College, 1933
 DOMINIC JOSEPH HAFKOWSKI, B.S., 1936
 EARL DOUGLAS HAMILTON, B.S., 1936
 IRVING HANDWERGER, B.S., 1936
 MARTIN FRANKLIN HANSON, B.S., 1936
 ROBERT DEAN HART, B.S., 1937
 JACK TILDEN HASKINS, B.S., 1936
 JAMES CHARLES HAVRANEK, B.S., 1936
 ROWINE MAE HAYES
 WALTER GEORGE HAYNES
 LORING SMITH HELFRICH, B.S., KNOX College, 1932
 CECILIA MARIAN HELLRUNG, A.B., 1935
 HAROLD HERRON, B.S., 1936
 MILTON HERZBERG, B.S., 1936
 LOUIS JOSEPH HLAVACEK, B.S., Lewis Institute, 1930
 MORIS HORWITZ, B.S., 1936
 WAYNE COX HOWARD, B.S., 1934
 EDWARD PACE IRONS
 ROBERT JOSEPH JENSIK, B.S., 1936, with Honors
 HERMAN JOFFE, B.S., 1936
 JEROME KAISER, B.S., 1936
 KARLTON HUBERT KEMP
 WILLARD Z. KERMAN, B.S., 1936
 MAX EDWARD KLEIN, B.S., 1937
 MEYER KRUGLICK, B.S., 1936
 EDWARD HOWARD LAMBERT, B.S., 1936, with High Honors
 LOUIS SANFORD LAPID, B.S., 1936
 SYDNEY ALEXANDER LERNER, B.S., 1936
 CARLETON WALTER LEVERENZ, Ph.G., 1925
 JACK LEVIN, B.S., 1937
 JEROME JACK LUBIN, B.S., 1936
 LOUIS MALOW, B.S., 1936
 GERALD JOSEPH MENAKER, B.S., 1936
 RUSSELL JOHN MERRET
 BENJAMIN SAMUEL MEYER, Ph.B., University of Chicago, 1931, with Honors
 HERBERT SAMUEL MILLER, B.S., 1936
 BERNARD EDWARD MOISANT, B.S., 1936
 GEORGE ENSLEY MOORE, A.B., Illinois College, 1934; B.S., 1936
 GEORGE EDWARD MORGAN
 EDWARD JOSEPH NAGODA, B.S., 1938
 HARRY DEWITT NESMITH, B.S., 1937
 HENRY JOSEPH NOWAK, B.S., Lewis Institute, 1934
 JOHN WILLIAM O'CONNOR
 STANLEY WILLIAM OLSON, B.S., Wheaton College, 1934, with High Honors
 GEORGE JOSEPH O'NEIL
 MAURICE DAVID PEARLMAN, B.S., 1936, with Honors
 WESLEY EUGENE PELTZER, B.S., 1937
 CLIFFORD HENRY PETERS, B.S., 1937
 LAWRENCE WILLIAM PETERSON, B.S., 1936
 ANTONIE SHIRLEY PETKUS, B.S., 1937
 HARRY NICK PETRAKOS, B.S., 1936
 WILLIAM NELSON PIPER, JR., B.S., 1936
 KENNETH LEWIS PISTORIUS, B.S., 1936
 FRANKLIN FRED PREMUDA, A.B., 1931
 LOUIS ROBERT PRUCHER
 JOHN COMPTON PURVEY
 WILLIAM HENRY REQUARTH
 MARION MASTERS RICKETTS, JR., B.S., 1936
 MORRIS M. ROSENTHAL, B.S., 1936

- HAROLD JEROME ROTHENBERG, B.S., 1936
 OSCAR RUSHAKOFF, B.S., 1936
 ROBERT EMERSON RYDE
 ANDREW A. SANDOR, B.S., University
 of Chicago, 1934
 WILLIAM FARTHING SARGENT
 BERNARD J. SCHAFER
 MERLE HAROLD SCHWARTZ, A. B.,
 Bluffton College, 1933
 JOHN WESLEY SHEAGREN, B.S., 1936
 MYER SHULMAN
 FREDERICK GLEADALL SIMPSON, B.S.,
 1936
 FANNIE FINKELSTEIN SKOLNIK, B.S.,
 1936, with Honors
 LESTER LAWRENCE SMITH, A.B.,
 Bradley Polytechnic Institute, 1934
 MILTON JEROME SNEIDER, B.S., 1936
 SAMUEL B. SPIRA, B.S., 1935
 HENRY FRED STEINBOCK, B.S., 1936
 JOSEPH FRANCIS STEININGER, B.S., 1936
 CHARLES HENRY STUBENRAUCH, Jr.,
 B.S., 1936, with High Honors
 ALBERT FREDERICK ROY SWATEK, B.S.,
 1936
- CAESAR SWEITZER, B.S., Northwestern
 University, 1931
 SYDNEY WILLIAM TAUBER, B.S., 1936
 JACK TAYLOR
 SIDNEY MERRILL TEPPER, B.S., 1936
 ANNETTE VIOLA TESARIK, B.S., 1936
 JOHN VERNON THOMPSON, B.S., 1936
 GEORGE FREDERICK VON ASCH, B.S.,
 1936, with Honors
 MERRILL WEINERT WAGNER
 JOHN KEAY WALLACE, II, B.S., 1936
 JACOB WALTER, B.S., 1936
 ARNOLD HARRIS WARSHALL, B.S., 1936
 BENJAMIN ABRA WEINBERG, B.S., 1936
 ROY CYRIL WEINSTEIN, B.S., 1936
 JEROME WEINTRAUB
 CHARLES GILBERT WEISSMAN, B.S.,
 1936
 GEORGE JOSEPH WIENMAN, B.S., 1936
 FRED MILLER WILLIAMS, B.S., 1936
 IRWIN FOX WILLIGER, B.S., 1936
 SCOTTIE JACKSON WILSON, B.S., 1934
 KENNETH JOHN WINTERS, A.B.,
 University of Dubuque, 1934
 BERNARD YAFFE
 WARREN ASHLEY YEMM, B.S., 1936

Degree of Bachelor of Medicine

- FREDERICK LE ROY EAGLESTON, JR.,
 B.S., 1937
 ALFRED STUART EHRLICH, B.S., 1936
 ROBERT CLARENCE HECKER, B.S., 1936
 NICHOLAS VICTOR IUPPA
 FRANK LOUIS JEDLIKA, B.S., 1936
- ROY LEE PATTERSON
 HENRY RICEWASSER, A.B., B.S., 1934,
 1936
 GEORGE NORMAN WANIATA, B.S.,
 Armour Institute of Technology,
 1931

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

In Dentistry

- GEORGE PAUL BRANSCUM
 VERNON THOMAS DEUTSCHMAN
 GEORGE WALTER DITTMAR, JR., A.B.,
 Dartmouth College, 1936
 MILTON GOLDSMITH
 WILLIAM M. GRAY
 WAYNE STANLEY GRISSOM
 CHARLES GEORGE MAURICE
 MITCHELL JOSEPH NOWAK
- JOHN PATELLA
 JACK ROSEN
 HENRY SCHNITMAN, A.B., New York
 University, 1937
 HENRY HAROLD SEIFER
 DANIEL H. SPECTOR
 KENNETH CLINTON WASHBURN
 MORRIS WEINGARTEN

Degree of Doctor of Dental Surgery

- ELLIOTT WILLIAM ALPERN, B.S., 1936
 PAUL BOSTIAN, A.B., North Central
 College, 1934
 RUSSELL LAWRENCE CARTER, B.S., 1936
 ANDREW B. COHEN, B.S., 1936
 MILTON BAER ENGEL, with Honors
 PERRY ERLITZ
- STANLEY J. FLACHNER, A.B., Catawba
 College, 1934; B.S., 1936
 PAUL GECHMAN, B.S., 1936
 WILLIAM JOSEPH GIBBS, B.S., 1937
 SALVATORE GRIFFO, B.S., 1937
 WALTER HOEKSEMA
 HARRY ALEX KARCZEWSKI, B.S., 1936

NATHAN SYDNEY KNOLL, B.S., College
of the City of New York, 1933
HENRY HAROLD LEIB, B.S., 1936
LOUIS LEVINE, A.B., New York
University, 1934
ALFRED NELSON MORTENSEN
EDWARD HARRY RAGAN, B.S., 1936
ROBERT ROY RUBIN, B.S., 1936

CLARENCE L. SCHNEIDER, B.S., 1936
DANIEL H. SPECTOR
HARRY SPODAK, B.S., 1936
HARVEY ALLEN TANNER, B.S., 1936
MORRIS WEINGARTEN
PHILIP WESOKE, B.S., 1936
JACK ZIMENT, B.S., 1936

COLLEGE OF PHARMACY

Degree of Bachelor of Science

In Pharmacy

HENRY BECKER
MARTIN BEGUN, with Honors
JOHN ANGELO BOFFA
HARRY G. BROWN
HARRY JAMES CONNORS
EDWARD JOHN DAMER
DAVE FINKEL
ROBERT FRANK FITZGERALD
SAMUEL JOSEPH FREDSON
ALVIN JOSEPH FROSH
HERBERT ROBERT GINSBURG, with
Honors
DAVID ORLAND HAMILTON, B.S.,
Monmouth College, 1934
MARSHALL VAUGHN HART
JOSEPH BENEDICT JANCAUSKAS, Jr.,
with High Honors
STEPHANY LUCILLE KANAPACKIS
BENJAMIN J. KAPLAN
HERMAN KATZ
WALTER ANDREW KOPEC
ALPHONSE JOSEPH KOVAL
VICTOR YNGVE LINDBLADE
ELTON MATHER
JOSEPH JOHN MAZONAS
HENRY NEWLAND

ADELIN NIEDLY
ADALBERT JOSEPH PLESHAR
MARTHA HELEN PRUSZYNSKI, with
Honors
MARIE EMILY RAISPIS
HENRY JOSEPH ROMANSKI
FRANK MICHAEL SAGONA
ALFRED DANIEL SCHIFF
HYMAN SHIPKIN
SISTER MARY CARL MARTY, with
Honors
GEORGE SKEMBARE
UDI JOSEPH SLOAN
RALPH DALE SPARKS
HENRY SUSS
ISABELLA ANTOINETTE VAISVIL
SIDNEY HAROLD VEACO, Jr., with
Honors
VERNON FRANCIS WARHANIK
PHILIP WARSAW
WOODROW WILSON WEBB
FRANK WIDEN
ISADORE JACK YABLONSKY, with Honors
CHARLES YALLOF
SIDNEY H. ZEITLIN

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Pharmacology

VIRGIL ARNETT GANT, B.S., M.S., 1921, 1932
ROY KENNETH SNYDER, B.S., M.S., B.S., 1929, 1934, 1935

In Physiological Chemistry

CECIL CLAUDE HARVEY, B.S., University of Louisville, 1929; M.S., University
of Chicago, 1931.

In Psychology

RALPH PHILLIP DARLING, A.B., A.M., 1932, 1933

Degree of Master of Arts

In Psychology

ELSA HORTENSE ROMYN BARBER, A.B., University of South Africa, 1921

Degree of Master of Science*In Bacteriology*

MARY LOUISE BROWN, A.B., 1935
 JOHN WESLEY ELAM, JR., B.S., Lewis Institute, 1934; B.S., 1937

In Dental Pathology and Therapeutics

MARSHALL FREDERICK GRUNWALD, B.S., D.D.S., 1933, 1935

In Medicine

ROBERT JOSEPH JENSIK, B.S., 1936
 ROBERT ALISTER MCGUIGAN, B.S., Northwestern University, 1932; M.D., McGill University, 1937
 MAURICE DAVID PEARLMAN, B.S., 1936

In Orthodontia

WADE RICHARD PLATER, D.D.S., 1924

In Orthopaedics

CLAUDE NEEDHAM LAMBERT, A.B., University of Utah, 1924; M.D., University of Chicago, 1928

In Pathology

BUDD CLARKE CORBUS, JR., A.B., University of Wisconsin, 1929; B.M., M.D., Louisiana State University, 1936, 1937

In Pediatrics

CHARLES HENRY STUBENRAUCH, JR., B.S., 1936

In Pharmacology

LORING SMITH HELFRICH, B.S., Knox College, 1932

In Physiological Chemistry

EDWARD CHARLES WACH, Ph.G., D.D.S., 1917, 1923

In Physiology

EDWARD HOWARD LAMBERT, B.S., 1936

In Psychiatry

ISRAEL RONALD SONENTHAL, B.S., M.D., Northwestern University, 1932, 1935

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Albert, Alfred A., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 16, 1938)¹

Alberts, Joseph Ortan, Assistant in Animal Pathology and Hygiene, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, beginning June 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 13, 1938)

Alt, Beulah, Assistant in Home Economics, in the College of Agriculture, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 11, 1938)

Bachman, K. L., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

1938, at a cash compensation of eight hundred forty dollars (\$840) (this supersedes his previous appointment). (June 17, 1938)

Birky, Carl William, Assistant in Sociology, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred dollars (\$700). (June 18, 1938)

Caldwell, David Hume, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 6, 1938)

Chapman, Max J., Instructor in Physical Education for Men, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1800). (June 4, 1938)

Cockrum, Elin Edwin, Assistant in Crop Production, in the Department of Agronomy, in the Agricultural Experiment Station, for one year beginning September 1, 1938, at a cash compensation of one thousand six hundred dollars (\$1600). (June 18, 1938)

Elliott, Curtis M., Assistant in Economics, on three-fourths time, for ten months beginning September 1, 1938, at a cash compensation of one thousand fifty dollars (\$1050) (this supersedes his previous appointment). (June 13, 1938)

Esteros, Gertrude, Assistant in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1200). (June 8, 1938)

Feder, Daniel Dunn, Assistant Director of the Personnel Bureau, and Assistant Professor of Psychology, beginning July 1, 1938, and continuing through August 31, 1939, at a cash compensation at the rate of three thousand three hundred dollars (\$3300) a year. (June 14, 1938)

Fehrenbacher, Joseph Bernard, Assistant in Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1938, at a cash compensation of seven hundred twenty dollars (\$720). (May 7, 1938)

Fisher, Ida Antoinette, Laboratory Assistant in the Department of Home Economics, in the College of Agriculture, and in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 14, 1938)

Fort, Donald M., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 17, 1938)

Foster, Mrs. Frances C., Stenographer in the Department of Romance Languages, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of four hundred fifty dollars (\$450). (June 6, 1938)

Frenz, Horst, Assistant in German, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 14, 1938)

Gehlbach, M. P., Assistant in Agricultural Economics Extension, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1938, at a cash compensation of one thousand six hundred dollars (\$1600) (this supersedes his previous appointment). (June 4, 1938)

Giesecke, Gustav Ernst, Instructor in German, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1800). (June 18, 1938)

Giffin, Roscoe Raymond, Jr., Assistant in Economics, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred dollars (\$700). (June 13, 1938)

Glass, Martha G., Stenographer in the President's Office, beginning June 6, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes her previous appointment). (June 4, 1938)

Glass, Martha G., Stenographer in the President's Office, for one year beginning September 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400) (this supersedes her previous appointment). (June 3, 1938)

Godfrey, Frances M., Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, beginning July 1, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes her previous appointment). (June 11, 1938)

Godfrey, Frances M., Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for one year beginning September 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes her previous appointment). (June 11, 1938)

Hanley, John Henry, Instructor in Botany, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1800). (June 4, 1938)

Helm, Marion Stanley, Instructor in Electrical Engineering, in the College of Engineering, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1800). (June 14, 1938)

Helmer, Olaf, Instructor in Mathematics, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2000). (June 11, 1938)

Heyl, Richard Edward, Assistant in Dairy Manufactures, in the Department of Dairy Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1938, at a cash compensation of seven hundred twenty dollars (\$720). (April 6, 1938)

Heyrend, Noel B., Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 17, 1938)

Hodge, John W., Scholar in Agronomy, for ten months beginning September 1, 1938, at a stipendium of three hundred dollars (\$300). (June 17, 1938)

Horberg, Carl Leland, Instructor in Geology, for ten months beginning September 1, 1938, at a cash compensation of one thousand seven hundred fifty dollars (\$1750). (May 9, 1938)

Hudson, G. T., Assistant in Rural Sociology, in the Department of Agricultural Economics, in the Agricultural Experiment Station, on three-fourths time, for one year beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1200). (June 18, 1938)

Kell, R. W., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 6, 1938)

Kettler, Raymond W., Junior Accountant in the Business Office, on one-half time, for one year beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 14, 1938)

Krueger, Hanna E., to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 17, 1938)

Kurtz, Lester Touby, Assistant in Soil Survey Analysis, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1938, at a cash compensation of seven hundred twenty dollars (\$720). (June 18, 1938)

Larson, Bernt Oscar, Instructor in General Engineering Drawing, in the College of Engineering, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1800). (June 6, 1938)

Lenz, Charles Richard, Jr., Resident in the Department of Ophthalmology, in the College of Medicine, for one year beginning July 1, 1938, with a vacation allowance of two weeks, the cash compensation being six hundred dollars (\$600), plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare. (June 10, 1938)

Litman, Simon, Professor of Economics, on indefinite tenure, beginning September 1, 1938, at a cash compensation of six thousand dollars (\$6000) a year. (June 10, 1938)

Mains, Robert Marvin, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 16, 1938)

Marcus, Lawrence Rogers, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 10, 1938)

Masiko, Peter, Jr., Assistant in the Bureau of Business Research, on one-half time, beginning July 1, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 18, 1938)

McInnes, Adah F., Stenographer in the Department of Agricultural Economics, in the Extension Service in Agriculture and Home Economics, for one year beginning September 1, 1938, at a cash compensation of one thousand eighty dollars (\$1080). (June 20, 1938)

Mellman, H. G., Assistant in Political Science, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 6, 1938)

Moon, Geraldine Marguerite, Assistant in Botany, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 6, 1938)

Moore, Robert Hamilton, Assistant in English, on two-thirds time, for ten months beginning September 1, 1938, at a cash compensation of one thousand dollars (\$1000). (June 11, 1938)

Muntyan, Miodrag, Editorial Assistant in the Office of the University Press, for one year beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1200). (June 13, 1938)

Mutti, R. J., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 18, 1938)

Ocvirk, Fred William, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (May 2, 1938)

Ostendorf, Marie Louise, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 20, 1938)

Parrish, Dorothy Elna, to give instruction in Library Science, in the Summer Session of 1938, beginning June 20, 1938, and ending August 13, 1938, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 6, 1938)

Pearse, Thomas Gerald, Jr., Assistant in Soil Physics and Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, for one year beginning September 1, 1938, at a cash compensation of one thousand four hundred dollars (\$1400). (June 18, 1938)

Pennington, L. A., Assistant Professor of Psychology, for one year beginning September 1, 1938, at a cash compensation of two thousand six hundred dollars (\$2600). (June 18, 1938)

Pomrenke, Karl R., Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 17, 1938)

Potthoff, E. F., Associate Professor in the College of Education, on indefinite tenure, (\$500), and Educational Consultant in the Provost's Office, for twelve months, (\$3800), beginning September 1, 1938, at a total cash compensation of four thousand three hundred dollars (\$4300) a year (this supersedes his previous appointment). (June 17, 1938)

Puckett, Harvey Rogers, Research Graduate Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 10, 1938)

Rasmussen, Donald E., Assistant in Sociology, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred dollars (\$700). (June 18, 1938)

Reed, Mary Frances, Assistant Professor of Household Management, in the Department of Home Economics, in the College of Agriculture, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of one thousand two hundred dollars (\$1200). (June 11, 1938)

Reed, W. S., Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1938, at a cash compensation of seven hundred twenty dollars (\$720). (June 18, 1938)

Rouse, Earl P., Jr., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 13, 1938)

Smith, Guy Donald, Associate in Soil Physics and Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, for three months beginning June 1, 1938, at a cash compensation at the rate of two thousand five hundred dollars (\$2500) a year. (June 4, 1938)

Summerson, Charles Henry, Graduate Assistant in Geology, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (May 13, 1938)

Tate, Cecil Earl, Instructor in Hygiene, and Medical Adviser for Men, for one year beginning September 1, 1938, at a cash compensation of two thousand eight hundred dollars (\$2800). (June 4, 1938)

Tawney, G. A., Professor of Philosophy, on one-half time, for one year beginning September 1, 1938, at a cash compensation of two thousand eight hundred dollars (\$2800). (June 11, 1938)

Thompson, N. O., Assistant in Agricultural Economics, in the Agricultural Experiment Station, for one year beginning September 1, 1938, at a cash compensation of one thousand six hundred dollars (\$1600) (this supersedes his previous appointment). (June 18, 1938)

Vestling, Carl S., Instructor in Chemistry, for ten months beginning September 1, 1938, at a cash compensation of two thousand dollars (\$2000). (April 21, 1938)

Vore, Milton Parker, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of seven hundred dollars (\$700). (June 13, 1938)

Walton, Mrs. Louise, Junior Stenographer in the Department of Operative Dentistry, in the College of Dentistry, beginning August 1, 1938, and continuing through August 31, 1939, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (June 17, 1938)

Ward, M. L., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1938, at a cash compensation of three hundred dollars (\$300). (June 13, 1938)

Wickerham, Lynferd Joseph, Instructor in Bacteriology, for ten months beginning September 1, 1938, at a cash compensation of one thousand eight hundred dollars (\$1800). (March 23, 1938)

Wilde, Richard Arnold, Special Research Graduate Assistant in Mining and Metallurgical Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 18, 1938)

Williamson, Barbara, Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (June 20, 1938)

Winkler, Virgil Dean, Graduate Assistant in Geology, on one-half time, for ten months beginning September 1, 1938, at a cash compensation of six hundred dollars (\$600). (June 13, 1938)

Work, J. B., Assistant in Chemistry, on one-third time, for ten months beginning September 1, 1938, at a cash compensation of four hundred dollars (\$400). (June 10, 1938)

RESIGNATIONS AND DECLINATIONS

The Secretary presented also for record the following list of resignations and declinations.

Copper, Robert R., Assistant in Crop Production, in the Department of Agronomy, in the College of Agriculture—resignation effective June 10, 1938.

Howe, Gertrude E., Assistant in Medicine, and Operator of Electrocardiograph, in the College of Medicine—declination effective September 1, 1938.

May, Merrill M., Assistant in English—resignation effective September 1, 1938.

Scott, H. M., Associate in Poultry Husbandry, in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective July 1, 1938.

The Board adjourned, to meet at the call of the President.

H. E. CUNNINGHAM

Secretary

OSCAR G. MAYER

President

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