

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 14, 1939

With Adjourned Session of

July 21, 1939

And Executive Committee Meeting of

August 3, 1939



The July 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 Friday, July 14, 1939.

When the Board convened, the following members were present: President Mayer, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, and Dr. Meyer. Mr. Moschel, Mrs. Plumb, and Mr. Pogue took their places with the Board early in the session.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, and Mr. H. E. Cunningham, Secretary.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

REAPPROPRIATION OF UNEXPENDED BALANCES

(1) A recommendation that the following unexpended balances, estimated as of July 1, 1939, in various appropriations be reappropriated for the purposes indicated for the fiscal year beginning July 1, 1939, due to the fact that it has not been possible to complete the work or purchases contemplated under these appropriations. The total amount is \$967,281. Of this amount the sum of \$859,156 is represented by special State appropriation or Federal grants for buildings. The remainder, or \$98,125, represents appropriations made out of our general income.

**ESTIMATED BALANCES RECOMMENDED FOR REAPPROPRIATION
AS OF JULY 1, 1939**

Higher Education Conference.....	\$ 5 777
Services to Attorney General.....	3 000
Astronomy—Overhaul Telescope.....	2 000
English—Wages.....	200
Roentgenology—Slides.....	1 474
New Classroom Building.....	450 000
P.W.A. Grants—Hospital Addition, Library Addition, New Classroom Building.....	419 156
Brake Shoe Testing Machine—Reconstruction.....	1 800
Building Studies—Animal Pathology Building.....	1 000
Building Studies—Old Agriculture Building.....	500
Building Studies—Student Center (Old).....	2 733
Building Studies—Illini Union.....	690
Building Studies—Men's Dormitory.....	3 500
Colloid Chemistry Research.....	2 690
Drying Shed—Agronomy.....	2 350
Illinois Union Liquidation.....	814
Law Library—Improvements and Equipment.....	13 100
Medicine and Dentistry Building—Improvements.....	7 098
Old Illinois Union Building—Improvements and Equipment.....	6 591
Old Illinois Union Building—Repairs.....	7 900
Parking Area—North Garage.....	600
Partitioning and Finishing New Agriculture Building.....	1 700
Pomology Greenhouse Improvements.....	726
Public Address System.....	2 400
Purchase of Brownfield Woods.....	10 982
Service Lines to Natural Resources Building.....	18 500
<i>Total.....</i>	<i>\$967 281</i>

On motion of Mr. Jensen, these balances were reappropriated as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer; no, none; absent, Mr. Horner, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR DEPARTMENT OF DAIRY HUSBANDRY

(2) There is an unappropriated balance of \$533.77 in the income of the Department of Dairy Husbandry. The Dean of the College requests that this balance be appropriated to the Department to cover the expense of the publication of bulletins. It is customary to appropriate the income of the Agricultural Departments for various departmental purposes when they are not needed in the regular budget.

I recommend that this appropriation be made.

On motion of Mr. Karraker, this balance was appropriated as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer; no, none; absent, Mr. Horner, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

ADJUSTMENTS IN THE BUDGET FOR 1938-1939

(3) In approving the budget for 1938-1939 the Board authorized the President of the University to make such changes and adjustments as are needed. Under this authorization the following adjustment has been made during the fourth fiscal quarter ending June 30, 1939, and is being reported for record with the recommendation that an assignment of \$60 be made from the General Reserve Fund to cover it:

Pomology, college, salaries (increase in salary of G. Estelle Collier)..... \$60

On motion of Mr. Adams, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer; no, none; absent, Mr. Horner, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

At this point, Mrs. Plumb and Mr. Pogue took their places with the Board.

SPECIAL APPROPRIATIONS AND NON-RECURRING EXPENDITURES

(4) The Committee on Special Appropriations and Non-Recurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

1. Construction of a six-foot sidewalk on the west side of Mathews Avenue, from Oregon to Green Streets (along the west sides of the Old Agriculture, Chemistry, and Natural History Buildings)..... \$3 500
Remodeling of east entrance to Chemistry Building incidental to this sidewalk improvement..... 1 200 \$ 4 700
2. Changing stone work in west main entrance of Chemistry Laboratory to put in the name "William Albert Noyes Laboratory of Chemistry"..... 525
3. Experimental Feeding Shed at Swine Plant..... 8 500
4. Installation of additional telephone cable from University Exchange to Commerce Building and extension of a cable to Natural Resources Building..... 2 700
- Total*..... \$16 425

On motion of Dr. Meyer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

APPROPRIATION FOR EXECUTIVE DEAN OF THE CHICAGO COLLEGES

(5) A recommendation that an assignment of \$4,500, or so much thereof as may be necessary, be made from the General Reserve Fund for remodeling and equipping rooms in the Medical and Dental College Laboratories Building to provide office facilities for the new Executive Dean of the Chicago Colleges.

On motion of Mrs. Plumb, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

APPROPRIATION FOR AUDITORIUM ORGAN

(6) During the heavy spring rains the Auditorium roof leaked, causing damage to the organ in that building. I recommend that an assignment of \$200, or so much thereof as may be necessary, be made from the General Reserve Fund to the College of Fine and Applied Arts for the necessary repairs.

On motion of Mr. Jensen, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

APPROPRIATION FOR RESIDENCE HALL REPAIRS

(7) The Director of the Physical Plant Department requests an appropriation for the following repairs and replacements at the Laura B. Evans Hall:

1. Construct two single rooms at the ends of the fourth floor corridor—estimated cost \$860.

2. Finishing interior of the laundry drying room, help's rest room, and provision of a fan in the game room—estimated cost \$1,800.

I recommend that an appropriation of \$2,660 be made from Residence Halls surplus for this purpose.

On motion of Mr. Pogue, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

APPROPRIATION FOR IMPROVEMENTS IN MEDICAL AND DENTAL BUILDING

(8) A recommendation from the Director of the Physical Plant Department that an appropriation of \$700 be made from the General Reserve Fund for additional coverings on the pipes and the installation of a window ventilator in the basement quarters occupied by the Department of Dermatology in the Medical and Dental College Laboratories Building.

On motion of Mr. Karraker, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

APPROPRIATION FOR BUILDING STUDIES

(9) During the past two years the Board of Trustees has made assignments from the General Reserve Fund for various building studies. There are balances of \$500 and \$170.89 in the assignments for studies of the Chemistry and Agricultural Laboratories buildings, respectively. The Director of the Physical Plant Department requests authority to use these balances to supplement the balance of \$2,062.36 in the assignment for studies of the remodeling of the old Illinois Union Building.

On motion of Mr. Adams, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

ADDITIONAL FACILITIES FOR COLLEGE OF FINE AND APPLIED ARTS

(10) The College of Fine and Applied Arts is in need of additional quarters. The Director of the Physical Plant Department recommends:

1. That the Board rescind its action of March 14, 1939 (Minutes, page 259), authorizing the removal of the Mumford residence, and assign that building to the College of Fine and Applied Arts.

2. That an assignment of \$1,200 be made from the General Reserve Fund for remodeling a part of the Civil Engineering Surveying Building, which will be released by the College of Engineering, for use of classes in Industrial and Commercial Design, thus relieving crowded conditions in the Architecture Building.

I concur in this recommendation.

On motion of Dr. Meyer, the Mumford house was assigned and the appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent Mr. Horner, Mr. Moschel, Mr. Wieland.

PURCHASE OF ADDITIONAL LAND FOR BROWNFIELD WOODS

(11) On April 27, 1939 (Minutes, page 288), an appropriation of \$12,000 was made by the Board for the purchase of Brownfield Woods and an additional tract of 1.75 acres to straighten out the north boundary of this area, and for fencing the tract.

The Faculty Committee on Natural Areas and Uncultivated Lands, which has been carrying on the negotiations for the purchase of Brownfield Woods, has recommended the purchase of an additional strip of cleared land two rods wide along the west side of the woods for development as a firebreak. This is an area of 1.6 acres which can be purchased for \$272.

The Committee also recommends the following improvements:

1. Sterilizing the soil in the proposed firebreaks.
2. Providing sluices to permit driving into the area.
3. Cindered parking area.
4. Placing tree trunks across the stream for foot bridges.
5. Providing two signs designating the wooded areas as belonging to the University.

The appropriation previously made is sufficient to cover the cost of the woods, the fencing, and the improvements recommended above, but it is necessary to secure the authorization of the Board of Trustees for the purchase of the strip of land along the west side.

I recommend approval.

On motion of Mr. Cleary, the purchase of this land was authorized as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Moschel, Mr. Wieland.

EXTENSION OF TIME FOR COMPLETION OF ILLINI UNION BUILDING CONTRACTS

(12) The Director of the Physical Plant Department recommends extensions of time for completion of contracts for the Illini Union Building as follows:

W. E. O'Neil Construction Company—Foundation Contract, to June 6, 1939.

General Paving Company—Storm Sewers, to July 7, 1939.

On motion of Mr. Jensen, these extensions were made as recommended.

CONTRACT CHANGE ORDERS FROM P.W.A. PROJECTS

(13) In accordance with the authorization of the Board of Trustees I have approved the following contract change orders and request confirmation of such approval.

Gregory Hall

Change Order No. 4, contract with the W. E. O'Neil Construction Company for General Work.

Change type and method of application of spandrel waterproofing in accordance with quotation of June 14, 1939, at an additional cost of..... \$174 50

Change Order No. 5, contract with the W. E. O'Neil Construction Company for General Work.

Change #5 doors at north end of west wing corridor, first floor to #6, add.....	\$ 17 25
Furnishing additional stirrups in beam in accordance with quotation of May 23, 1939, add.....	11 00
Additional cost of hauling rubbish to date in accordance with paragraph #1022 of the Specifications, add.....	42 00
Additional concrete and excavating for minor incidental changes necessitated by bad soil conditions encountered under footings at depths indicated, add	27 20
Total additions.....	\$ 97 45
For substitution of manufacturers standard prime finish for bonderizing on hollow metal doors only, deduct.....	\$105 00
Net credit	\$ 7 55

Addition to Library

Change Order No. 1, contract with Anderson Electric Company for Electrical Work.

Reroute conduit 6th to 10th floors in present building in closets to permit proper installation of book conveyor, add.....	\$137 50
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First Addition to McKinley Hospital

Change Order No. 2, contract with the Economy Plumbing & Heating Company for Plumbing, Heating, and Ventilating Work.

Increase depth of sump pump and basin to 6'-6" depth at an additional cost of.....	\$ 13 80
For additional 1'-6" in length of pump, add.....	18 98
	\$ 32 78
Omission of laboratory tests of National Tube Company's steel pipe and "Arco" copper pipe called for in the specifications, deduct.....	30 00
Net addition	\$ 2 78

Change Order No. 5, contract with the Economy Plumbing & Heating Company for Plumbing, Heating, and Ventilating Work.

Provide additional flashing sheet of lead on sides built into walls or partitions of all shower basins above basement. These additional flashing sheets shall extend not less than ½" above top of terrazzo basins and inside of lead pans provided in original contract, additional cost.....	39 08
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Change Order No. 3, contract with Wm. C. F. Kuhne for General Work.

Rabbet corners of shower stalls above the basement and set marble in elastic cement in accordance with quotation dated May 26, 1939, additional cost.....	161 00
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Change Order No. 4, contract with Wm. C. F. Kuhne for General Work.

Changes in construction of elevator machine foundation to accommodate particular make installed, additional cost.....	54 64
Construction of small sump in basement to provide access to plumbing clean-out opening that otherwise would be inaccessible, add	9 51

Total additional cost..... \$571 46

On motion of Mr. Pogue, the action of the President of the University in authorizing these change orders was approved and confirmed.

CHANGE IN FOUNDATION CONTRACT FOR ILLINI UNION BUILDING

(14) The Director of the Physical Plant Department recommends the following changes in the contract with the W. E. O'Neil Construction Company for excavating and foundation work on the Illini Union Building, all of them providing for additional work:

1. Cutting out four new beam pockets.....	\$ 101 21
2. Installation of 6" drain line across basement.....	585 35
3. Various incidental changes in reinforcing, concrete, etc., some being additions, some deductions, net.....	313 33
4. Waterproofing of two recesses under two areas north of bowling alley.....	115 00
5. Installation of Josam type 1204 drains in connection with item #4 above instead of those originally provided.....	66 17
<i>Total</i>	\$1 181 06

The first item was due to changes made while work was under construction. The second item covers the installation of a drain line through the building that was not contemplated to be included in this contract but which, in the absence of the principal contractor, was installed by his men. They have given a very fair price on this installation and should be compensated for the work done.

Item 3 covers numerous minor incidental changes made after the original foundation drawings were prepared, largely due to changes made as the drawings for the superstructure were being worked out.

Items 4 and 5 are to provide much-needed areas in the end of the bowling alley for the storage of bowling alley equipment.

On motion of Dr. Meyer, these changes were authorized as recommended.

NATURAL RESOURCES BUILDING AREA

(15) The Director of the State Department of Education and Registration has requested that the Animal Pathology Building and the Military Stables be removed from their present location prior to the fall of 1940 when it is contemplated that the Natural Resources Building will be complete and dedicated.

The University's future building program contemplates the removal of these buildings. The University is also committed to making this improvement under the agreement with the Department of Registration and Education relating to the construction of the Natural Resources Building. However, the Director has been advised that these improvements are contingent on the availability of funds, that the University was unable to include in its budget for 1939-1941 any provisions for such replacements, and that there is no prospect of removing the Animal Pathology Building and the Military Stables from their present location during the biennium 1939-1941.

On motion of Mr. Pogue, this statement was approved.

REQUIREMENTS FOR ADMISSION TO GRADUATE WORK IN MUSIC

(16) On May 26, 1939 (Minutes, page 321), the Board of Trustees authorized the establishment of graduate courses in music leading to the master's degree. It is necessary to set up definitely the requirements for admission to this work. I have approved the following statement, prepared by the Registrar in consultation with the Director of the School of Music and the Dean of the Graduate School, and I request confirmation of my action.

(A) A graduate with a degree in music from an institution which holds membership in, or is listed by, the Association of American Universities, or from a liberal arts college recognized by the North Central Association or equivalent regional accrediting association, will be admitted to the Graduate School for work in music.

(B) A candidate who holds the bachelor's degree from an independent conservatory or School of Music will be considered under the following conditions: (1) The degree must be based on a four-year curriculum in music. (2) The undergraduate work presented for the degree must include not less than 18 hours (30 hours for Music Education curriculum) in academic sub-

jects, with not less than the equivalent of two years of college work in foreign languages, one year of which must be in French or German completed in college. (3) The applicant must pass a qualifying examination in the branch of music which he wishes to pursue as his major field in graduate study, given under the supervision of the Director of the School of Music.

On motion of Dr. Meyer, these requirements were approved.

REORGANIZATION OF DEPARTMENT OF ROMANCE LANGUAGES

(17) The Dean of the College of Liberal Arts and Sciences recommends that the Department of Romance Languages be reorganized into two departments, namely: (1) the Department of French, and (2) the Department of Spanish and Italian; each to have a separate head, staff, and budget. This change is set up in the budget of the College of Liberal Arts and Sciences for 1939-1940. It does not involve any increase in salaries and other expenses beyond what would have been recommended for the Department of Romance Languages if it had not been reorganized.

On motion of Mrs. Plumb, this reorganization was approved as recommended.

At this point, Mr. Moschel took his place with the Board.

NIGHT BROADCASTING BY RADIO STATION WILL

(18) Under its present license the University's Radio Station WILL is restricted in broadcasting to daylight hours and may not broadcast after local sundown (except on unusual occasions for which special permission must be secured, and then only with 250 watts of power instead of 5,000). In addition, the Station now must suppress its daylight signal in the direction of Topeka, Kansas, to protect Station WIBW in that city.

The Director of the Radio Station has advised that application be made for permission to broadcast at night. The Federal Communications Commission has recently adopted new regulations, and the University's Radio Attorney in Washington advises that these new rules afford an opportunity of getting a night time assignment. I recommend that this application be authorized. Expert legal and engineering services will be required to execute this case at hearings, and it is estimated that these services will cost up to \$2,000. Hence, if this recommendation is approved, I would also recommend that an assignment of \$2,000, or so much thereof as is necessary, be made from the General Reserve Fund to cover the expenses incident thereto.

On motion of Mrs. Plumb, this application was authorized and the appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

USE OF UNIVERSITY BUILDINGS BY OUTSIDE GROUPS

(19) The University Statutes include a provision (Section 61) governing the use of University premises and facilities by student and faculty organizations and outside groups. It is recommended that paragraph A of Section 61 be amended by the addition of the following new sub-paragraph (3):

"(3) The President of the University is authorized to appoint a committee to pass on requests for use of buildings and other facilities by faculty organizations."

It is recommended also that paragraph B be amended to read as follows:

"B. For meetings of organizations whose activities are of an educational nature or of professional interest to the members of the staff or the general student body; and for meetings of a non-local character of public or educational significance—

"(1) A university room shall not be granted to individuals or organizations for any purpose which, although in accord with the general purposes of the

University, is of such a character or occurs at such a time or in such circumstances that it is likely to interfere with the work, either specific or general, of the University or any department of the University. The use of buildings by local organizations of women shall be limited to those whose function is orientation and whose membership is made up of wives of members of the University staff.

"(2) Reservations from outside organizations will not be approved until all major university events have been scheduled.

"(3) In no case may an admission fee be charged except upon permission previously obtained and then only to raise funds to offset expenses of such meeting."

On motion of Mr. Karraker, the Statutes were amended as recommended.

At this point, President Mayer, being called from the room, asked Mr. Pogue to take the chair.

RETIREMENT OF MEMBERS OF THE STAFF

(20) The Faculty Committee on the University's Retirement System recommends the following addition to paragraph III of Section 30 of the University Statutes relating to retirement of members of the University staff for disability. A copy of a letter from the Committee explaining its reasons for this recommendation is hereby given to the Secretary of the Board for record.

"(d) Any member of the faculty, educational, administrative, or mechanical staff who has been in the service of the University for not less than five years who shall become permanently disabled or otherwise become physically unfit while in the employment of and the active service of the University may be retired with the approval of the Board of Trustees and on retirement there shall be paid to him or her for a period of years equal to one-fifth of his years of service an amount equal to 25 per cent of the average cash portion of compensation which has been paid to him during the last five years prior to such retirement together with one-half of one per cent of such average amount additional for each year of his service at the University of Illinois. For any member of the staff who has been in the service of the University for fifteen or more years the annual allowance shall be paid during the remainder of life. If the allowance as above calculated is less than twenty-five dollars a month, the amount granted shall be twenty-five dollars a month. No retiring allowance paid under this rule shall exceed the amounts provided in paragraph (b) of section III hereof."

Mr. Morey commented on this matter.

On motion of Mr. Mayer, this amendment was adopted as recommended.

RETIRING ALLOWANCE FOR DIRECTORS OF SCHOOLS

(21) The University of Illinois Statutes provide that upon retirement there shall be paid to the member retiring during his life an amount equal to twenty-five per cent of the average cash portion of the compensation paid to him during the last five years prior to retirement together with one per cent of such average amount additional for each year of service. The maximum payment, however, may not exceed one-half of such average amount, nor be in any event in excess of \$4,000 in case of Deans or other General Administrative Officers, and \$3,000 in the case of other members of the staff.

The question has been raised whether the retiring allowance of a Director of a School shall be placed on the same basis as that of a Dean or General Administrative Officer, in other words, whether he may be paid up to \$4,000 a year. I recommend that the retiring allowances of Directors be subject to the limitation of the retiring allowances for Deans and General Administrative Officers, and not to the limitation on retiring allowances of other members of the staff.

On motion of Mrs. Plumb, this recommendation was approved.

CHANGE IN NAME OF EXPERIMENTAL ZOOLOGY LABORATORY

(22) The Heads of the Departments concerned and the Dean of the College of Liberal Arts and Sciences recommend that the name of the Experimental Zoology Laboratory (at the northwest corner of Wright and Healey Streets) be changed to the Vivarium.

I concur in this recommendation.

On motion of Mr. Jensen, this change was approved.

LABORATORY AND SPECIAL FEES IN THE URBANA DEPARTMENTS FOR 1939-1940

(23) A recommendation that the following schedule of laboratory and special fees in the Urbana departments be authorized for the year 1939-1940. These fees have been recommended by the Deans of the Colleges concerned, and the schedule has been checked by the Comptroller and the Provost.

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

Agricultural Economics I.....	\$ 50	Art 51a.....	2 50
Agricultural Engineering 1.....	1 00	Art 51b.....	2 50
Agricultural Engineering 3.....	2 00	Art 52a.....	2 50
Agricultural Engineering 20.....	1 50	Art 52b.....	2 50
Agricultural Engineering 21.....	2 00	Bacteriology 5b.....	5 00
Agricultural Engineering 28.....	2 50	Bacteriology 7 (per credit hour)...	1 50
Agricultural Engineering 43.....	2 50	Bacteriology 8.....	5 50
Agricultural Engineering 44.....	1 00	Bacteriology 20.....	5 00
Agricultural Engineering 51.....	8 00 ¹	Bacteriology 26.....	5 50
Agronomy 25.....	2 00	Bacteriology 107 (per unit, minimum fee \$5.00).....	5 00
Agronomy 28.....	3 00	Botany 1b.....	2 00
Agronomy 31.....	2 50	Botany 2.....	1 50
Agronomy 32.....	2 00	Botany 3.....	3 50
Animal Husbandry 119.....	5 00	Botany 5.....	2 00
Animal Husbandry 120.....	2 00	Botany 6.....	1 00
Animal Husbandry 121.....	3 00	Botany 7.....	2 00
Architecture 37.....	1 00	Botany 12.....	1 50
Architecture 38.....	1 00	Botany 15.....	2 00
Architecture 104.....	1 00	Botany 20 (3 hours credit).....	1 50
Art 24a.....	2 50	Botany 20 (5 hours credit).....	2 50
Art 24b.....	2 50	Botany 33 (5 hours credit).....	3 00
Art 25.....	1 50	Botany 34 (5 hours credit).....	3 50
Art 26.....	1 50	Botany 40.....	3 50
Art 27.....	6 00	Botany 41.....	1 50
Art 28.....	6 00	Botany 43.....	1 50
Art 29.....	6 00	Botany 44.....	1 50
Art 29a (3 hours credit).....	4 00	Botany 45 (3 hours credit).....	2 00
Art 30.....	6 00	Botany 45 (5 hours credit).....	3 00
Art 30a (3 hours credit).....	4 00	Botany 46.....	1 00
Art 33a (3 hours credit).....	1 50	Botany 60.....	1 00
Art 33b (3 hours credit).....	1 50	Botany 72 (per hour).....	50
Art 34a (3 hours credit).....	2 50	Botany 79 (per hour).....	50
Art 34b (3 hours credit).....	2 50	Botany 120 (per unit).....	3 00
Art 37a (2 hours credit).....	3 50	Botany 130 (per unit).....	3 00
Art 37b (2 hours credit).....	3 50	Botany 170 (per unit).....	3 00
Art 47.....	5 00	Botany 180 (per unit).....	2 00
Art 48.....	5 00	B.O.O. 12a.....	5 00
		B.O.O. 12b.....	5 00

¹To be charged unless instructor certifies student is not using materials in his testing work.

Ceramic Engineering 4.....	5 00	Civil Engineering 1.....	1 00
Ceramic Engineering 5.....	9 00	Civil Engineering 2.....	50
Ceramic Engineering 14.....	10 00	Civil Engineering 3.....	1 00
Ceramic Engineering 17.....	10 00	Civil Engineering 15.....	1 00
Ceramic Engineering 18.....	2 00	Civil Engineering 16.....	50
Ceramic Engineering 103 (per $\frac{1}{4}$ unit, maximum \$12.50).....	2 50	Civil Engineering 17.....	50
Ceramic Engineering 106 (per $\frac{1}{2}$ unit, maximum \$12.50).....	2 50	Civil Engineering 18.....	1 00
Chemistry 1.....	8 00	Civil Engineering 19.....	50
Chemistry 2.....	5 00	Civil Engineering 22.....	1 00
Chemistry 3.....	6 00	Civil Engineering 30.....	2 00
Chemistry 4.....	8 00	Civil Engineering 31.....	1 50
Chemistry 5.....	10 00	Civil Engineering 32.....	1 50
Chemistry 6.....	10 00	Civil Engineering 35.....	2 00
Chemistry 7.....	6 00	Civil Engineering 40.....	50
Chemistry 8a.....	8 00	Civil Engineering 41.....	50
Chemistry 8b.....	10 00	Civil Engineering 42.....	1 00
Chemistry 10.....	12 50	Civil Engineering 62.....	1 50
Chemistry 16a.....	7 50	Civil Engineering 64.....	1 00
Chemistry 22.....	12 50	Civil Engineering 65.....	1 50
Chemistry 23b.....	12 50	Civil Engineering 86.....	1 50
Chemistry 24.....	12 50	Civil Engineering 87.....	1 00
Chemistry 27.....	15 00	Civil Engineering 91.....	1 00
Chemistry 29b.....	12 50	Dairy Husbandry 1.....	3 00
Chemistry 32.....	10 00	Dairy Husbandry 4.....	3 00
Chemistry 33.....	15 00	Dairy Husbandry 5.....	3 00
Chemistry 34.....	15 00	Dairy Husbandry 7.....	3 00
Chemistry 37.....	15 00	Dairy Husbandry 8.....	2 00
Chemistry 38.....	18 00	Dairy Husbandry 9.....	2 00
Chemistry 41.....	7 50	Dairy Husbandry 10.....	3 00
Chemistry 43.....	7 50	Dairy Husbandry 12.....	3 00
Chemistry 47.....	7 50	Dairy Husbandry 14.....	2 00
Chemistry 50.....	18 00	Dairy Husbandry 22.....	2 00
Chemistry 51b.....	12 50	Dairy Husbandry 24b.....	2 00
Chemistry 68a.....	10 00	Electrical Engineering 48.....	1 00
Chemistry 68b.....	10 00	Electrical Engineering 51.....	2 00
Chemistry 69a.....	10 00	Electrical Engineering 52.....	2 00
Chemistry 69b.....	10 00	Electrical Engineering 57.....	1 00
Chemistry 90a-90b (per laboratory hour per semester).....	2 50	Electrical Engineering 61.....	2 00
Chemistry 91b.....	3 00	Electrical Engineering 62.....	2 00
Chemistry 102a-102b (per $\frac{1}{4}$ unit).....	2 50	Electrical Engineering 64.....	2 00
Chemistry 116a (per $\frac{1}{4}$ unit).....	2 50	Electrical Engineering 65.....	2 00
Chemistry 121b.....	5 00	Electrical Engineering 75.....	2 00
Chemistry 124d.....	5 00	Electrical Engineering 76.....	2 00
Chemistry 126a.....	2 50	Electrical Engineering 84.....	2 00
Chemistry 127c.....	5 00	Electrical Engineering 85.....	2 00
Chemistry 127d.....	5 00	Electrical Engineering 86.....	2 00
Chemistry 134 (per $\frac{1}{4}$ unit).....	3 00	Electrical Engineering 89.....	2 00
Chemistry 136a.....	7 50	English (see Speech)	
Chemistry 152b (per $\frac{1}{4}$ unit).....	2 50	Entomology 1.....	1 50
Chemistry 190a-190b:		Entomology 3.....	2 50
(1) If unit value is given:		Entomology 4.....	3 00
(per $\frac{1}{4}$ unit, maximum \$12.50).....	2 50	Entomology 6 (per credit hour).....	30
(2) If unit value is not given:		Entomology 7a.....	2 00
(second and third year grad-		Entomology 7b.....	2 00
uate students).....	12 50	Entomology 8b.....	1 50
		Entomology 8c.....	1 50

Entomology 9.....	2 00	Horticulture 34.....	2 00
Entomology 10a.....	1 50	Horticulture 49.....	2 00
Entomology 10b.....	1 50	Horticulture 51.....	1 50
Entomology 20.....	4 00	Horticulture 53.....	1 00
Entomology 22.....	4 00		
Entomology 31.....	1 50 ²	Journalism 5.....	2 00
Entomology 100 (per unit).....	1 50	Journalism 6.....	2 00
Entomology 107.....	2 00	Journalism 9a.....	1 00
		Journalism 9b.....	1 00
French 25.....	50	Journalism 13.....	1 00
		Journalism 14.....	1 00
General Engineering Drawing 1... 1 00		Journalism 15.....	1 00
General Engineering Drawing 2... 1 00		Journalism 16.....	1 00
General Engineering Drawing 4... 1 00		Journalism S23.....	2 00
General Engineering Drawing 6... 1 00		Journalism 25.....	2 00
General Engineering Drawing 7... 1 00		Journalism 26.....	2 00
General Engineering Drawing 8... 1 00		Journalism 29.....	1 00
General Engineering Drawing 10... 1 00		Journalism 30.....	2 00
General Engineering Drawing 12... 50		Journalism 33.....	1 00
		Journalism 34.....	1 00
Geology 1a.....	50	Journalism 54.....	2 00
Geology 20.....	3 00		
Geology 44.....	50	Landscape Architecture 30a.....	1 50
Geology 49.....	1 00	Landscape Architecture 30b.....	1 50
		Landscape Architecture 31.....	2 00
Home Economics 5.....	3 50	Landscape Architecture 32.....	2 00
Home Economics 7.....	2 00	Landscape Architecture 33.....	2 00
Home Economics 14.....	22 00	Landscape Architecture 34.....	2 00
Home Economics S14.....	25 00	Landscape Architecture 35.....	2 00
Home Economics 19.....	50	Landscape Architecture 36.....	2 00
Home Economics 30.....	50	Landscape Architecture 37.....	2 00
Home Economics 33.....	3 00	Landscape Architecture 38.....	2 00
Home Economics 35.....	5 00	Landscape Architecture 43.....	2 00
Home Economics 41.....	12 50	Landscape Architecture 44.....	2 00
Home Economics 43a.....	1 50	Landscape Architecture 51.....	50
Home Economics 43b.....	1 50	Landscape Architecture 52.....	50
Home Economics 50.....	1 00	Landscape Architecture 53.....	2 00
Home Economics 51.....	3 00	Landscape Architecture 54.....	2 00
Home Economics 58.....	7 00		
Home Economics 59.....	4 00	Law courses for students of colleges	
Home Economics 61.....	2 50	other than Law (per hour).....	1 00
Home Economics 62.....	5 00		
Home Economics 102 (per $\frac{1}{4}$ unit).....	2 50	Locker fee (see Physical Education)	
Home Economics 104 (per $\frac{1}{4}$ unit).....	2 50		
		Mechanical Engineering 21.....	2 50 ³
Horticulture 1.....	1 00	Mechanical Engineering 61.....	4 50
Horticulture 2.....	1 00	Mechanical Engineering 62.....	2 50
Horticulture 3.....	2 00	Mechanical Engineering 64.....	7 00
Horticulture 5.....	2 50	Mechanical Engineering 65.....	7 00
Horticulture 6a.....	2 00	Mechanical Engineering 84.....	5 00
Horticulture 6b.....	2 00	Mechanical Engineering 85.....	5 00
Horticulture 7.....	1 50	Mechanical Engineering 87.....	5 00
Horticulture 8.....	1 00	Mechanical Engineering 88.....	5 00
Horticulture 9.....	1 00	Mechanical Engineering 89.....	5 00
Horticulture 15a.....	2 00		
Horticulture 15b.....	2 00	Metallurgical Engineering 2.....	3 50
Horticulture 15c.....	2 00	Metallurgical Engineering 3.....	7 50
Horticulture 30.....	2 00	Metallurgical Engineering 8.....	7 00
Horticulture 32a.....	2 50	Metallurgical Engineering 10.....	6 00
Horticulture 32b.....	2 50	Metallurgical Engineering 11.....	4 00
Horticulture 33.....	1 00	Metallurgical Engineering 12.....	7 00
		Metallurgical Engineering 13.....	3 50

²To be charged unless student is registering for lecture only.

³To be charged unless instructor certifies student is not using materials in his testing work.

Mining Engineering 9.....	2 50	Physics 3a.....	3 00
Mining Engineering 20.....	1 00	Physics 3b.....	3 00
Mining Engineering 61.....	1 00	Physics 8a.....	3 00
Mining Engineering 62.....	1 00	Physics 8b.....	3 00
Mining Engineering 64.....	4 50	Physics 15.....	1 50
Music (for each two hours of credit in courses in applied music num- bers 42a to 47b; 52a to 57d; 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	Physics 17.....	1 50
Physical Education 31, 32, 71, 74 (Courses open to both men and women). No locker fees are charged in these courses.....	1 00	Physics 40a.....	1 50
P.E. 71 (laboratory fee) ...	1 00	Physics 40b.....	1 50
Physical Education for Men: <i>Except</i> in P.E.M. 9, 13, 16, 18, 19, 32, 46, 48, 50, 52, 70, 72, 73, assess each student registering in a course or courses in Physical Education for Men, in addition to laboratory fees listed below, a locker fee of.....	1 00	Physics 44.....	4 50
Laboratory fees:		Physics 46.....	3 00
P.E.M. 1.....	1 00	Physics 61.....	1 50
P.E.M. 2.....	1 00	Physics 72a.....	1 50
P.E.M. 4.....	1 00	Physics 72b.....	1 50
P.E.M. 5.....	1 00	Physics 73.....	10 00
P.E.M. 6.....	1 00	Physiology 1a.....	3 50
P.E.M. 7.....	1 00	Physiology 3a.....	2 50
P.E.M. 8.....	1 00	Physiology 3b.....	2 50
P.E.M. 10.....	1 00	Physiology 5.....	3 50
P.E.M. 11.....	1 00	Physiology 6.....	6 00
P.E.M. 12.....	1 00	Physiology 7.....	6 00
P.E.M. 14.....	1 00	Physiology 102.....	3 50
P.E.M. 15.....	1 00	Physiology 103.....	3 50
P.E.M. 17.....	1 00	Psychology 3.....	1 00
P.E.M. 34.....	2 50	Railway Engineering 5.....	1 00
P.E.M. 43.....	2 50	Railway Engineering 8.....	4 00
P.E.M. 48.....	5 00	Railway Engineering 62.....	3 50
Physical Education for Women: <i>Except</i> in P.E.W. 53, 59, 60 (Sec- tions B, G2, P2, R), and 73, assess each student registering in a course or courses in Physical Education for Women, in addi- tion to special fees listed below, a locker fee of.....	1 00	Spanish 25.....	50
Special fees:		Speech 11.....	5 00
P.E.W. 59 (Bowling—all sections).....	5 00	T. & A. M. 63.....	2 50
P.E.W. 60 (Riding—sections G2, P2, and R).....	10 00	T. & A. M. 64.....	1 50
P.E.W. 73 (Skating—all sec- tions).....	3 50	University High School: Solid Geometry Advanced Algebra Trigonometry (Per ½ unit, maximum \$25.00).....	10 00
		Zoology 1.....	3 50
		Zoology 2.....	4 00
		Zoology 3.....	4 00
		Zoology 4.....	3 00
		Zoology 6.....	4 00
		Zoology 9 (per credit hour).....	50
		Zoology 10 ⁴	1 00
		Zoology 11 (per credit hour).....	50
		Zoology 14.....	3 00
		Zoology 16.....	1 00
		Zoology 17 (per credit hour).....	50
		Zoology 18 (per credit hour).....	1 00
		Zoology 22.....	4 00
		Zoology 23 (per credit hour).....	1 00
		Zoology 25 (per credit hour).....	1 00
		Zoology 31.....	2 00
		Zoology 63.....	4 00
		Zoology 66.....	4 00
		Zoology 74.....	2 50

⁴Also applies to students in other courses taking Easter vacation trip as assignment.

HEADSHIP OF DEPARTMENT OF FRENCH

(24) Professor D. H. Carnahan has requested that he be relieved of the Headship of the Department of Romance Languages on account of his health. I recommend his request be granted.

A recommendation has been submitted (page 362) to divide the Department of Romance Languages into the Department of French and the Department of Spanish and Italian. I recommend that Dr. Joseph F. Jackson, Associate Professor of French at Yale University, be appointed Professor of French and Head of the Department on indefinite tenure, beginning September 1, 1939, at an annual salary of \$6,000.

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

HEADSHIP OF DEPARTMENT OF SPANISH AND ITALIAN

(25) A recommendation that Dr. John Van Horne, Professor of Romance Languages, be appointed Professor and Head of the Department of Spanish and Italian, on indefinite tenure, beginning September 1, 1939, at an annual salary of \$5,000.

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

APPOINTMENT OF DR. PERCIVAL BAILEY AS PROFESSOR OF NEUROLOGY AND NEUROLOGICAL SURGERY

(26) On November 10, 1937 (Minutes, page 563), the Board of Trustees authorized the expansion of the Department of Neurology and Neurological Surgery to provide an adequate professional staff for the enlarged quarters which the Department will occupy in the new unit of the Research and Educational Hospitals which is being constructed by the Department of Public Welfare for the study and treatment of nervous diseases. As an initial program, effective September 1, 1939, the Board authorized 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.

I recommend the appointment of Dr. Percival Bailey, Professor of Surgery and Neurology at the University of Chicago, as Professor of Neurology and Neurological Surgery, on indefinite tenure beginning September 1, 1939, at an annual salary of \$10,000. This appointment was discussed informally with the Board at the time the program of expansion was approved.

On motion of Dr. Meyer, this appointment was made as recommended.

APPOINTMENT OF DALE W. NICHOLS AS CARNEGIE VISITING PROFESSOR OF ART

(27) As reported to the Board of Trustees on February 11, 1939 (Minutes, page 231), the University has received a grant from the Carnegie Corporation of New York in support of a visiting professorship in the College of Fine and Applied Arts.

The Dean of that College recommends the appointment of Mr. Dale W. Nichols, of Glenview, Illinois, as Carnegie Visiting Professor of Art, for one year, beginning September 1, 1939, at a salary of \$4,000, payable from this grant.

I concur in this recommendation.

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

NEW APPOINTMENTS OF PROFESSORIAL RANK

(28) A recommendation that the following appointments to the staff, effective September 1, 1939, be approved:

1. John L. G. Weysser, Assistant Professor of Mining Engineering, for two years beginning September 1, 1939, at a salary of \$3,000 a year.

2. Dr. Hans Brunner, Assistant Professor of Otolaryngology, on one-half time, for one year from September 1, 1939, at a salary of \$1,200.

On motion of Mr. Karraker, these appointments were made as recommended.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(29) The Committee on Accountancy recommends the appointment of Mr. Cranston Spray, of the firm of Scott, MacLeish, and Falk, 134 South LaSalle Street, Chicago, as a member of the Board of Examiners in Accountancy for a period of three years from July 1, 1939, to succeed Mr. Erwin T. Gilruth, whose term expired June 30.

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

RESIGNATION OF PROFESSOR GLENN R. MORROW

(30) Professor Glenn R. Morrow of the Department of Philosophy has resigned his position to accept a professorship at the University of Pennsylvania, effective September 1, 1939. He feels that the new position offers professional opportunities not available at the University of Illinois. The question of salary has not been raised.

On motion of Mr. Jensen, this resignation was accepted.

APPOINTMENT TO THE KATE NEAL KINLEY MEMORIAL FELLOWSHIP

(31) A report of the appointment of Miss Beulah Pauline Featherstone of Franklin, Illinois, as the Eighth Kate Neal Kinley Memorial Fellow; and of Mr. Robert Ashton Strauch of Urbana, as alternate. Miss Featherstone was a candidate in the field of Painting, Mr. Strauch in the field of History of Architecture. This is a fellowship for foreign study which was established by President Emeritus David Kinley as a memorial to Mrs. Kinley.

On motion of Mr. Karraker, the action of the President in making these appointments was approved and confirmed.

APPOINTMENTS TO PLYM FELLOWSHIPS

(32) A report that the following appointments have been made to the Plym Fellowship in Architecture and in Architectural Engineering:

1. Mr. Leonard Wayman, 3005 Clifton Avenue, Chicago (26th Plym Fellow in Architecture).

2. Mr. Thomas Justin Imbs, School of Architecture, Yale University, New Haven, Connecticut (16th Plym Foreign Fellow in Architectural Engineering).

On motion of Mr. Moschel, the action of the President of the University in making these appointments was approved and confirmed.

LEAVES OF ABSENCE

(33) 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. Erma Cottingham, District 4-H Club Adviser (Extension Staff), leave of absence without pay from June 12 to August 31, 1939, in addition to vacation and sick leave allowances, on account of her health. Miss Cottingham was given a leave of absence of thirty days with pay last fall.

2. Dr. Lucy G. Coon, Instructor in Hygiene and Medical Advisor, a leave of absence of four weeks with pay (in addition to her vacation allowance of six weeks), for study in the University of Iowa and University of Minnesota Medical Schools.

On motion of Dr. Meyer, these leaves were granted as recommended.

LEAVE OF ABSENCE FOR PROFESSOR B. L. JEFFERSON

(34) A recommendation that Professor Bernard L. Jefferson of the Department of English be given a leave of absence with full pay for six months from September 1, 1939, on account of his health. The Department has arranged to distribute his teaching and administrative duties among his colleagues so that this will involve no additions to its budget.

On motion of Dr. Meyer, this leave was granted as recommended.

DIRECTORS OF THE ATHLETIC ASSOCIATION

(35) The By-Laws of the University of Illinois Athletic Association provide for the election of its Board of Directors (five in number under the present Articles of Incorporation) by the Board of Trustees of the University at the annual meeting of the latter in March on recommendation of the President of the University. When it was time to make the appointments for 1939-1940, action thereon was deferred by the Board of Trustees. Later the Board of Trustees requested the President of the University to present a proposal for changes in the organization and methods of election of the Board of Directors of the Athletic Association, it being the judgment of the Trustees that periodical changes in the personnel of the Athletic Board are desirable in the interest of more diversified faculty and alumni representation and participation in administering the University's intercollegiate athletics program. A summary of the discussions is herewith given to the Secretary of the Board for record.

President Mayer reported on a discussion of this matter with President Willard and the Directors of the Athletic Association on June 23, at the University. Mr. Pogue also reported on the discussion.

On motion of Mr. Pogue, the President of the University was requested to take steps as soon as possible to place the administration of the programs of Physical Education and Intercollegiate Athletics under the supervision and authority of a general University officer.

At this point, President Mayer, being called away for a time, asked Mr. Pogue to take the chair.

REPORT OF FINANCE COMMITTEE

Mr. Moschel, for the Finance Committee, presented the following recommendations.

INVESTMENT OF TRUST FUNDS

The Finance Committee recommends that the sum of \$7,500 on hand in trust deposit funds be invested in United States 3% Savings Bonds, which will mature in ten years at \$10,000, and are redeemable with interest after the first year.

On motion of Mr. Moschel, this investment was authorized.

INVESTMENT OF ENDOWMENT FUNDS

The Finance Committee recommends the purchase of the following securities as investments of endowment funds now on hand:

<i>Amount per</i>	<i>Security</i>	<i>Approximate Price</i>	<i>Approximate Yield</i>
\$ 4 000	Oklahoma Gas & Electric 1st 3¾% of 1966 (We own \$6,000).....	100	3.25
1 000	New York Steam Corp. 1st 3½%, 1961 (We own \$9,000).....	107½	3.1
10 000	Gulf States Utilities 3½% of 1969....	103	3.32

On motion of Mr. Moschel, these investments were authorized.

DISPOSITION OF FRANKLIN COUNTY ORDERS

Franklin County orders of a face value of \$2,708.74 are still on hand as a part of the adjustment of the Hart farm mortgage. The County is planning to issue bonds under a recent action of the General Assembly to fund all outstanding indebtedness at 75¢ on the dollar. On this basis there would be a realization of about \$2,031 on these orders.

The Finance Committee recommends that the Comptroller be authorized to turn in these orders for redemption at 75¢ on the dollar.

On motion of Mr. Moschel, this settlement was authorized.

STANDARD OIL SCRIP

The University has received scrip certificates covering stock dividend of the Standard Oil Company of New Jersey, which stock was received as a gift to the Plym Endowment Fund for Architectural Fellowships. The certificates total 177/200 of a share and have a current market value of about \$31.

Our investment counsel, the First National Bank of Chicago, suggests that they be sold and the Finance Committee so recommends.

On motion of Mr. Moschel, the sale of this scrip was authorized.

At this point, President Mayer returned and resumed the chair.

EXTENSION OF PERIOD OF SETTLEMENT ON BOND
OF HAZEN S. CAPRON, FORMER TREASURER
OF THE UNIVERSITY

There is a balance of \$13,330.24 due from Mr. Hazen S. Capron, former Treasurer of the University, which is secured by a participating certificate in the assets of the old First National Bank of Champaign and a bond of Mr. Capron and other sureties, which has been extended from time to time by the Board of Trustees, the last extension being until June 11, 1939.

The Finance Committee recommends a further extension of time in the settlement of the account for an additional period of two years, with the provision that if during this period a final dividend is paid on deposits of the old First National Bank any balance on Mr. Capron's account as former Treasurer shall at once become due and payable.

On motion of Mr. Moschel, this extension was granted under the conditions recommended.

REPORT OF COMMITTEE ON BUILDINGS AND GROUNDS

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

WAGES OF JANITORS

A meeting of the Committee on Buildings and Grounds was held at 2 p.m. July 10 in the offices of Sargent and Lundy, in Chicago.

Present: Mr. Oscar G. Mayer, Mr. Homer Mat Adams, Mr. Frank A. Jensen, Mr. Harold A. Pogue, Mr. Louis C. Moschel, and Mr. James M. Cleary; also Mr. Lloyd Morey and Mr. C. S. Havens.

The following letter from Director C. S. Havens was presented.

July 7, 1939

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

DEAR PRESIDENT WILLARD:

Following the receipt of your request to further reduce the operation and maintenance budget by \$32,000, we have studied very carefully methods of effecting this and have reached the following conclusions:

1. That there is an urgent need for increased funds for building maintenance. This is particularly important if the University should be faced with a

retrenchment program in the next few years similar to that which we went through approximately seven years ago.

2. Regardless of the needs for building maintenance, however, the University will probably always have to pay the prevailing local wage rates. The term "prevailing local rate" however, should, in our opinion, mean the rate actually paid and not that requested by organizations but not in effect locally. In other words, it is our suggestion that the University should follow but not determine the prevailing local rates.

3. That the maximum work week should be reduced from 48 to 44 hours except for police and watchmen, and Fire Station. This will affect the following groups: janitors; groundsmen; heat, light, and power; water station; and trucks and cars.

4. It is our proposal, therefore, to make the following wage increases instead of those previously recommended to you.

(a) *Janitors—Urbana*

We recommend that the janitors be offered the same basic annual wage, that is, excluding overtime, Sundays, and holidays, but on a 44-hour week schedule instead of the 48-hour week. This will result in an hourly rate of approximately 61 cents, or that recommended by the Committee on Wages. We hope to be able to accomplish this without additional cost to the University and without lowering materially the standard of janitor service in the buildings. We further recommend that the above rate be paid for all overtime, Sundays, and holidays instead of that requested. We believe that the above may be considered the prevailing local rate because of the following:

(1) Even the present rate in effect for janitors is above that now paid in the Urbana Public Schools. It will equal the rate paid in the Champaign Public Schools but, in addition, offers a retiring allowance which is not available to the janitors in Champaign. Although the janitors have requested and will be quite disappointed if they do not receive the 70-cent rate, together with time and a half for overtime and double time for Sundays and holidays, we have been unable to find that this is paid anywhere in this community, nor do we even find any provisions for the increased rate for Sundays, overtime, and holidays.

(2) The proposed rate is equal to or above the prevailing rates paid for other institutional work of this character in the state although not equal to the maximum which is \$125 per month.

(b) *Mill Men*

Since our recommendation that this rate be increased from 95 cents to \$1.25, we believe that the University has the only union-operated mill in town and hence the rate requested is not prevailing in the community, and we propose to try to operate on the present rate.

(c) *Painters*

Apparently the proposed rate increase from \$1.12½ to \$1.25 is now being paid locally, and in accordance with the above policy, we will have to pay it and intend to offset this increased cost by reducing the amount of work performed.

(d) *Police*

We propose to pay the rate recommended by the Committee on Wages, or 66 cents per hour for a 48-hour week, which is equal to that paid by the City of Urbana, although the City of Champaign now pays \$150 per month.

(e) *Fire Station*

We propose to pay the rate recommended by the Committee on Wages, or \$135 per month, which is equal to that paid by the City of Urbana, although the City of Champaign now pays \$150 per month. We recently received a formal request for a rate of \$150 per month. As I advised you, we do not believe that the bill referred to in the request applies to the University. The payment of the rate now in effect in the City of Urbana by the University will make that rate the prevailing wage in this community.

(f) *Grounds; Water Station; Heat, Light, and Power; and Trucks and Cars*

We propose to follow the same policy for this group as that recommended for the janitors, namely, pay the same basic annual wage now in effect but reduce the work week from 48 to 44 hours. We hope to do this without increased cost to the University and without materially affecting the condition of the grounds. However, in order to do this without additional cost, in all groups except the groundsmen it will be necessary to work them alternating on 40 and 48-hour week schedules.

(g) *Janitors—Chicago*

We propose to pay the rate recommended by the Committee on Wages, or 61 cents per hour for a 44-hour week, which is comparable to that to be in effect in Urbana.

If the above program is not approved, it will be necessary to reduce funds budgeted for building maintenance. However, this would result in less funds available during the coming biennium than for the past, but with four and possibly five new buildings to operate and maintain.

I therefore wish to recommend approval of the above program.

Very truly yours,

Physical Plant Department

C. S. HAVENS, *Director*

The policies and proposals outlined in Mr. Haven's letter to President Willard of July 7 were discussed, and on the motion of Mr. Pogue the proposals were approved. Mr. Adams expressed his approval on the policies but did not wish to vote on the wage rates for the janitors until the next meeting of the Board.

C. S. HAVENS

Clerk

This matter was discussed. On motion of Mr. Adams, the report was amended to provide wages for janitors and other labor groups (groundsman, etc.) at the rate of time and a half for overtime and Sundays, and double time for holidays.

On motion of Mr. Adams, the report as amended was adopted.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(36) A report of the approval of the following agreements for cooperative investigations:

1. Food Machinery Corporation, San Jose, California—

(a) Study of the chemical composition, palatability, and nutritive value of alfalfa and soybean hay harvested with the hay crusher as compared with hay harvested by the ordinary methods. This investigation is to be conducted by the Agricultural Experiment Station. The agreement is drawn for a period of fourteen months beginning May 1, 1939, with provisions for its extension upon mutual agreement. The corporation agrees to contribute \$1,400 to cover the expenses of this work.

(b) Study of crushing processes of making hay. This is an extension of an existing agreement for the period July 1, 1939, to February 1, 1940. The Corporation agrees to contribute \$1,000 for the expenses of this investigation.

2. United States Department of Agriculture, Soil Conservation Service, Division of Research—

(a) Loan of certain farm machinery and equipment for use in the research and demonstration work on the Dixon Springs Area. This research and demonstration work is to be conducted by the Agricultural Experiment Station. The agreement is drawn for a period of thirteen months beginning June 1, 1939.

(b) Covering the use and occupancy of certain specific tracts on the Dixon Springs Project until November 1, 1939.

3. Aluminum Company of America and the Pennsylvania Salt Manufacturing Company—

Study of the physiological effects of fluorine with particular reference to the use of fluorine insecticides in the spraying of fruits and vegetables. This investigation is to be conducted by the Agricultural Experiment Station. The agreement is drawn for a period of one year beginning July 1, 1939, with provisions for its extension upon mutual agreement. The Companies agree to contribute \$1,750 each, or a total of \$3,500, to cover the expenses of this work.

4. DeKalb Agricultural Association, Inc.—

Study of the development of medium and long-season hybrids with special reference to insect resistance. This investigation is to be conducted by the Agricultural Experiment Station. The agreement is drawn for a period of one year beginning June 1, 1939, with provisions for its extension upon mutual agreement. The association agrees to contribute \$900 to cover the expenses of this work.

5. General Foods Corporation—

Extension of agreement for studies of improvement of white corn by breeding. The agreement is drawn for the period ending May 31, 1940. The corporation agrees to increase their financial contribution from \$900 to \$1,200 a year.

6. American Dry Milk Institute—

Extension of agreement for the 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 foods. The agreement is drawn for the period of one year beginning July 1, 1939. The Institute agrees to contribute an additional \$6,300 for this investigation.

On motion of Mr. Karraker, the action of the President of the University in authorizing these agreements was approved and confirmed.

LEASE OF FORMER PRESIDENT'S HOUSE ON NEVADA STREET

(37) By authority of the Board of Trustees the house at 1203 West Nevada Street, Urbana, has been leased to Dr. David Kinley, President Emeritus, since December 1, 1931. The present lease expires August 31, 1939. Doctor Kinley desires to renew the lease on a year-to-year basis under the present terms.

On motion of Mr. Moschel, the extension of this lease was authorized on a year-to-year basis under the present terms.

BRITISH LETTERS PATENT ON PROCESS FOR RECOVERING SULFUR DIOXIDE FROM WASTE GASES

(38) The Secretary of the Board of Trustees reports the receipt of British Letters Patent No. 501,840, dated March 24, 1937, corresponding to the United States application of Johnstone and Singh, U. S. Case 4, Serial No. 132,692, covering a process of recovering sulfur dioxide from waste gases. The Letters Patent have been granted subject to the following conditions and regulations:

"The Patent is granted for a term ending June 1, 1953, subject to payment of taxes. The fifth year's tax becomes due March 24, 1941, and taxes are due annually thereafter on March 24. If actual manufacture is not carried on in Great Britain by March 24, 1941, the patent should be worked nominally, according to advice of patent counsel.

"Patent marking is required and the following should be used: Patent No. 501,840, 1937."

The taxes or renewal fees alluded to begin at £5 in 1941 and increase £1 each year to a maximum of £16 at the sixteenth year and after. By endorsing this patent "Licenses of Right," one-half the fees may be avoided. There is a penalty of £2 a month for late payment.

This report was received for record.

**ASSIGNMENT OF PATENTS COVERING IMPROVEMENT IN
THERAPEUTIC PRODUCTS**

(39) The Secretary of the Board reports that he has received the assignment of Professor Roger Adams of his interest in the discovery disclosed in his application for U. S. Letters Patent Serial No. 272,757, filed May 10, 1939; also assignment of his interest in invention disclosed in his application for U. S. Letters Patent Serial No. 273,201, filed May 12, 1939, covering improvement in therapeutic products and improvement in therapeutic compounds.

This report was received for record.

PURCHASES AND CONTRACTS RECOMMENDED

(40) A recommendation that the following purchases and contracts be authorized:

1. Laundry service for all departments of the University at Urbana during the two fiscal years beginning July 1, 1939, the White Line Laundry, Incorporated, and the Model Laundry Company of Champaign, lowest bidders, the contract to be awarded jointly and the work divided between the two. Bids were on unit prices as per schedule submitted to the Secretary of the Board. The total of the joint contract was approximately \$9,000.

2. Lumber—12,000 ft. Red Cypress, and 3,000 ft. Genuine Northern White Pine, from the Wm. C. Schreiber Lumber Company, Chicago, Illinois, the lowest bidder, at a price of \$1,415.

3. Bath towels—485 dozen, for the Departments of Physical Education for Men and Women and for the University High School, from the G & W Supply Company, Champaign, the lowest bidder, at a price of \$1,159.15.

4. Uniforms for advanced course R.O.T.C. students for the year 1939-1940, estimated at 145 for mounted and 140 for unmounted student officers, from E. V. Price and Company, Chicago, the lowest bidder, at a cost of approximately \$10,260. The United States Government pays for these uniforms.

5. Furniture for Old Illinois Union Building—62 study tables, 62 chests of drawers, 62 straight chairs, 34 arm chairs, and 8 beds, from Edwin Hinde, Chicago, the lowest bidder, at a total cost of \$3,812.20 F.O.B. Urbana. Part of the Old Illinois Union Building is being remodeled for use as a men's dormitory and this furniture is for the equipment of the same.

6. Paper for Office Supply Store—25% Rag Bond Paper, 8,500 pounds of white and 2,400 pounds of colored, from the Dwight Brothers Paper Company, the lowest bidder, at a price of \$1,510.

7. One "White" milk delivery truck, with "step and drive" device, for the Department of Dairy Husbandry, from the Triangle Motors, Urbana, Illinois, at a net price of \$1,052.11 after allowance for old truck. This is to replace a truck which has been in service since July, 1934. Quotations were received from two dealers on a "White" and "International" truck. Other dealers were asked to quote but could not supply the "step and drive" type of truck. The net cost of the "International" truck is slightly less, but the purchase of the "White" truck is recommended because it has features which are more advantageous to the University.

8. Wood book shelving to be built and installed in the Law Library reading rooms according to University specifications, from Remington-Rand, Inc., Chicago, the lowest bidder, at a price of \$4,381.74 installed. A special appropriation for this was made by the Board on April 27, 1939 (Minutes, page 287).

9. Tables for Law Library—10—4' x 14' pedestal tables and 8—4' x 10' pedestal tables, according to University specifications, from Mutschler Bros. Company, Nappanee, Indiana, the lowest bidder, at a price of \$2,206. A special appropriation was made for this equipment by the Board on April 27, 1939 (Minutes, page 287).

On motion of Mrs. Plumb, these purchases and contracts were authorized as recommended.

BEQUEST OF ANNETTA AYERS SAUNDERS

(41) The will of the late Annetta Ayers Saunders, alumna of the Class of 1884, includes the following provision:

"I bequeath my medical books to the Board of Trustees of the University of Illinois for the use of the College of Medicine, and I bequeath to the University of Illinois Art Gallery at Urbana, Illinois, the large oil painting in a shadow box of St. Jerome by Jusepe Ribera—Spanish 1588-1586; also the painting by myself of Pharaoh's Horses."

The College of Medicine has been asked to take over the medical books, and the College of Fine and Applied Arts the paintings received from this bequest.

This report was received for record.

BEQUEST OF MARY S. PARSONS

(42) The will of the late Mary S. Parsons, formerly a resident of Illinois but at the time of her death a resident of Stuart, Florida, creates a fund for the benefit of graduates of Champaign High School attending the University of Illinois. The executor of the estate is authorized to create this scholarship fund with certain property in Clay County, Illinois, or with the proceeds thereof, in which the testatrix was the owner of an undivided one-half interest. The other half of the property is owned by the Flora Orchard Company, a corporation. The executor may sell the land and turn the proceeds over to the University, or the University may take title to it. The land in question is a tract of 80 acres, fronting one-half mile on State Highway 25 about a half-mile west and a mile north of Flora. On one end of it is a small residence with out-buildings, which has been rented for a very small rental. About the center of the tract and immediately adjacent to the State Highway is a large frame building housing machinery for marketing fruit and used as a storage space. Approximately all of the south half of the tract is in peach trees which are still bearing fruit but are about at the end of their service. The north half has some old apple trees, a few young apple trees, and some peach trees which have not begun to bear. About a mile east of the north end of this tract there are several producing oil wells. The Comptroller has investigated the question of the disposal of this land. The Department of Horticulture advises that the University would not be justified in trying to do anything with the orchard. This opinion is supported by the experience of those who have tried to operate the land as an orchard in recent years but with unfavorable results. There may be possibilities of oil on the land, but opinions as to this vary.

If the University accepts title to the land it will be assuming a liability and the taxes may amount to more than the income. The only offsetting factor is the possibility of a development which would make the land more valuable. To accept a conveyance under these conditions would be speculative. The Comptroller recommends that the University advise the executor it is not interested in taking the conveyance of a part of this land and that he retain it until the property can be disposed of and the University's bequest can be settled in cash. The estate has a year to run before it must be finally closed.

On motion of Mr. Karraker, the recommendation of the Comptroller was adopted.

OFFER OF MR. LEWIS E. MYERS

(43) Mr. Lewis E. Myers, of Chicago and Lake Geneva, has offered the University, at his death, a collection of certain period furniture and art objects on condition that the collection be kept intact, that is, in one place. A letter from Dean Rexford Newcomb of the College of Fine and Applied Arts, reporting on his inspection of this collection and giving a list of the items, is hereby given to the Secretary of the Board for record. Some of the objects in the collection were acquired by Mr. Myers through his association with Mr. Thomas A. Edison.

If this offer is accepted, Mr. Myers asks that the University Counsel draw a deed of gift for execution by him, and he will also provide in his will for the delivery of the collection to the University.

I recommend acceptance of this offer.

On motion of Mr. Jensen, this offer was accepted and the University Counsel was authorized to draw the deed of gift as requested.

GIFTS TO THE UNIVERSITY

(44) A report of the following gifts received by the University since the last report:

1. Illinois Bankers Association, \$500 for the renewal of a graduate fellowship in banking for the year 1939-1940.
2. Illinois Federation of Women's Clubs, \$300 for additional gynecological cancer research.
3. Nutrition Research Laboratories, Incorporated, \$150 additional for vitamin D fund.
4. Electric Auto-Lite Company, \$375 additional for a research assistantship in chemistry.
5. Ladies' Auxiliary of the Veterans of Foreign Wars Award, additional \$50.
6. Chicago Vitreous Enamel Products Company, \$33.50 additional for enamel frits research.
7. Chicago Woman's Club, \$200 for research work on the treatment of cancer by a new drug called Colchicine, in the Department of Surgery of the College of Medicine.
8. The Henry Strong Educational Foundation, \$600 for a graduate fellowship. This fellowship is to be restricted to the physical sciences, engineering, and business.
9. Chicago Bridge and Iron Company, fabricated steel pipe to the College of Engineering for experimental purposes, to a total value of \$1,358.06.
10. Electrical equipment and materials for the use of the Department of Electrical Engineering from the Detroit Edison Company, Detroit, Michigan; the States Company, Hartford, Connecticut; the Superior Switchboard and Devices Company, Canton, Ohio; the Sangamo Electric Company, Springfield, Illinois; and the General Electric Company, Springfield, Illinois.
11. The Students' Mutual Benefit Hospital Fund, \$61.05 to cover the additional cost of X-ray equipment and the installation thereof in the McKinley Hospital, for which a gift of \$6,000 was previously made by the Fund.
12. Mr. J. N. Chester, a book, "The Great Canal at Suez," an original letter by Ferdinand de Lesseps, and "The Life of Robert Stevenson, Civil Engineer," with two letters written by him, to the Engineering Library.
13. The Barrett Company, New York City, 500 pounds of sulphate of ammonia for use as fertilizer on the pastures of the Department of Dairy Husbandry.
14. Stock Memorial Committee, \$3.44 for the Consolidated Loan Fund.
15. Standard Brands, Incorporated, an additional \$600 for research on antiseptic properties of the skin.

On motion of Mr. Cleary, this report was received for record.

The Board adjourned, to meet in Chicago on Friday, July 21, 1939, at 9:30 a.m. (Chicago Daylight Saving Time).

H. E. CUNNINGHAM

Secretary

OSCAR G. MAYER

President

ADJOURNED SESSION, JULY 21, 1939

An adjourned session of the July meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. (Chicago Daylight Saving Time) on Friday, July 21, 1939.

The following members were present: President Mayer, Mr. Adams, Mr. Cleary, Mr. Jensen, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Director C. S. Havens, of the Physical Plant Department, Professor Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, and Mr. H. E. Cunningham, Secretary.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

STATE APPROPRIATION FOR 1939-1941

(1) Following is the text of the Act of the 61st General Assembly (House Bill No. 286) making appropriations to the University of Illinois for the biennium of 1939-1941; a certified copy of this Act is hereby given to the Secretary of the Board for record.

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, 1939, 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 eleven million, one hundred and thirty thousand dollars (\$11,130,000) 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.....	\$ 8 680 000
For office expenses, including printing and publications.....	225 000
For travel	40 000
For operation	1 100 000
For repairs, equipment, and minor improvements including special assessments.....	1 085 000
<i>Total</i>	<i>\$11 130 000</i>

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, 1939, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of one million, seven hundred and seventy-five thousands dollars (\$1,775,000) payable out of the General Revenue Fund for the following objects and purposes:

New Power and Heating Plant and Distribution System \$1 675 000
 Fire protection and improvements in Chemistry Building
 and other general improvements..... 100 000

Sec. 3. The appropriations made in sections 1 and 2 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. 4. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1939, 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 in 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 and two dollars (\$64,902) or so much thereof as may be necessary under the terms of said Act.

Sec. 5. There is hereby appropriated to the University of Illinois the sum of three hundred twenty-six thousand, six hundred thirty-four dollars (\$326,634) or so much thereof as shall accrue to the State of Illinois under the provisions of an Act of Congress 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 20, 1935, during the two years beginning July 1, 1939.

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. 6. 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 4 and 5 of this Act.

Sec. 7. There is appropriated to the University of Illinois for the two years beginning July 1, 1939, for support, salaries and wages, office expense, printing, travel, operation, repairs, equipment, permanent improvements, pensions and death benefits, medical, surgical and hospital service and compensation for 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 four million, two hundred thousand dollars (\$4,200,000) payable from the University Income Fund (formerly known as the University of Illinois Revolving Fund), including but not exceeding in amount the aggregate of any unexpended balance in that fund 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 Income 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.

HUGH W. CROSS
Speaker, House of Representatives
 JOHN STELLE
President of the Senate

Attached to the Act was the following:

A MESSAGE FROM GOVERNOR HORNER

By Arthur P. O'Brien, Secretary to the Governor

MR. SPEAKER: The governor has directed me to lay before the House the following communication:

STATE OF ILLINOIS
EXECUTIVE DEPARTMENT
SPRINGFIELD

May 26, 1939

*The Honorable, the Members of the House of Representatives,
Sixty-First General Assembly:*

I return herewith House Bill No. 286, entitled "An Act making appropriations for the University of Illinois and providing for the expenditure thereof."

I disapprove and veto the following items in House Bill No. 286:

Page 1, section 1, lines 26 and 27, each inclusive, from the top of the page:

"For office expenses, including printing and publications. \$225 000"

Page 1, section 1, line 28, from the top of the page:

"For travel \$ 40 000"

Page 2, section 2, lines 25, 26 and 27, each inclusive, from the top of the page:

Fire protection and improvements in Chemistry Building
and other general improvements..... \$100 000"

I am allowing the remainder of House Bill No. 286 to become law without my signature. The reasons for my action with respect to this bill are as follows:

During the past six years, even though we have assumed major new responsibilities, such as emergency relief and assistance for the needy aged, Illinois has balanced its budget, reduced its indebtedness, and remained on a "pay-as-you-go" basis. It has been and will continue to be my determination that such sound financial policies be continued by our State.

As I pointed out in my special message to the General Assembly on May 16, shortly after House Bill No. 286 had been passed, we are compelled to keep that which we should like to do within the limits set by our prospective revenues. In this necessary process of economy, every function and activity of the State may rightfully be expected to share. It is my earnest conviction that we should and can fulfil our rightful obligations during the next two years without imposing new or heavier taxes upon the people of Illinois. But additional taxes will surely be forced upon us if appropriations are authorized in a total sum materially greater than budgetary recommendations.

House Bill No. 286, as passed by the General Assembly, exceeds by \$960,800 the amount shown in the Budget for 1939-41, even though the Budget itself recommended for the University an increase of \$805,000, or 7 per cent, over the current biennium.

It is not my intention that the University make no expenditures for the purposes named in the vetoed items. However, the veto of these items will not necessarily have any such result. Section 7 of House Bill No. 286 appropriates \$4,200,000 from the University Income Fund (formerly known as the University of Illinois Revolving Fund) for a number of purposes, including "salaries and wages, office expense, printing, travel, operation, repairs, equipment, permanent improvements," and other items. Necessary expenditures for office expense, printing, travel, and permanent improvements can thus be made from the Income Fund by reducing the expenditures which might otherwise be made therefrom for the other purposes named. The net effect will be to require some adjustment downward in the total cost of items which, in House Bill No. 286 as passed, exceed budgetary recommendations.

Even after deducting the three items which have been vetoed, House Bill No. 286 will require from State tax revenues approximately \$600,000 more than recommended in the Budget. I am informed, however, that earlier expectations of Federal funds to supplement a million dollar item for a much-needed power

plant at the University may not materialize, and it therefore appears necessary to appropriate a total sum of \$1,675,000 for this purpose from State tax revenues. This change in circumstances impels me to allow the remainder of House Bill No. 286 to become law even though it exceeds budgetary recommendations.

Undoubtedly, the total sum provided by House Bill No. 286 as passed by the General Assembly, or an even greater amount, could be well and profitably used by the University. The same statement, however, could be made regarding many proposed appropriation increases which cannot now be made if the State is to avoid increased taxation and still remain on a sound "pay-as-you-go" basis. Each activity of our government must be considered in its relation to all other demands made upon the treasury.

I am confident that the University can maintain and further raise its present high standards, as well as expand its activities materially, with the remaining amount provided by House Bill No. 286. The total sum being provided from State tax revenues for current operation is 13 per cent greater than in the biennium 1929-31, while enrollment at the University has increased in about the same proportion. In other words for the next two years we shall be making available substantially the same amount per University student as was supplied by the appropriation enacted in 1929. At that time the general price level was much higher than that which now prevails, and the State was not assuming the financial burden of emergency relief and old age assistance.

Most of this increased current support is for salaries and wages, where it should and undoubtedly will be used to retain, on an adequate basis, the excellent staff which marks our University as one of the finest educational institutions in the Nation.

Respectfully submitted,
HENRY HORNER
Governor

The foregoing message from the Governor, transmitting veto in part to House Bill No. 286, having been received and filed in the office of the Clerk of the House of Representatives on Friday, May 26, 1939, at 4:45 o'clock p.m., was read by the Clerk and ordered placed on file.

This report was received for record.

**ACT AUTHORIZING THE CREATION OF TRUSTS FOR PURCHASE,
CONSTRUCTION, MAINTENANCE, AND
OPERATION OF BUILDINGS**

(2) Following is the text of an Act passed by the 61st General Assembly of Illinois, authorizing the Board of Trustees to create trusts for the purchase, construction, maintenance, and operation of self-liquidating buildings, and for the procuring of money therefor from the Federal Government, a certified copy of which is hereby given to the Secretary of the Board for record.

An Act to amend Sections 1 and 2 of "An Act to authorize the Board of Trustees of the University of Illinois to create trusts, to convey property in trust, to enter into trust agreements providing the powers and duties of the trustee and providing for the issuance of bonds by such a trustee and providing for the payment and securing thereof; to enter into year to year or other leases, to pledge for the performance of its obligations under such leases certain receipts and collections which the Board is authorized by 'An Act to amend section 6 of "An Act in relation to State finance," approved June 10, 1919, as amended,' approved July 11, 1935, to retain in its own treasury, and to enter into covenants with the United States or any agency thereof and to take other action for the purpose of obtaining grants from the United States to aid in financing the construction and equipping of university, college or educational buildings on which said board shall be given a year to year or other lease or the privilege thereto," filed March 20, 1936.

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

Section 1. Sections 1 and 2 of "An Act to authorize the Board of Trustees of the University of Illinois to create trusts, to convey property in trust, to enter into trust agreements providing the powers and duties of the trustee and providing for the issuance of bonds by such a trustee and providing for the payment and securing thereof; to enter into year to year or other leases, to pledge for the performance of its obligations under such leases certain receipts and collections which the Board is authorized by 'An Act to amend section 6 of "An Act in relation to State finance," approved June 10, 1919, as amended,' approved July 11, 1935, to retain in its own treasury, and to enter into covenants with the United States or any agency thereof and to take other action for the purpose of obtaining grants from the United States to aid in financing the construction and equipping of university, college or educational buildings on which said board shall be given a year to year or other lease or the privilege thereto," filed March 20, 1936, are amended to read as follows:

Sec. 1. For the purpose of obtaining a grant or inducing the making of a grant by the United States or any agency thereof (herein called the "Government") or a grant, gift or loan by or from any person or corporation, to aid in financing the acquiring, constructing or equipping of any one or more, or all university, college, or educational building or buildings (herein called the "project") on which the Board of Trustees of the University of Illinois (herein called the "Board") shall enter into a year to year or other lease, or be given the privilege to enter into any such lease, the Board shall have the following powers in addition to those conferred by other laws:

1. To create a trust or trusts (the trustee or trustees thereunder being herein called the "active trustee") for the purpose of acquiring, constructing, equipping any one or more, or all, such projects and providing for the use thereof during such period as the Board may determine and for other purposes, which trust may be for exclusively university or other public educational purposes; to convey, upon such terms as it may determine, any of its property to an active trustee to be held in trust under the terms and provisions of the trust agreement relating thereto;

2. To enter into trust agreements creating trusts which shall be and constitute charitable trusts and shall not be subject to the rule against perpetuities, providing the powers and duties of the active trustee, which may consist of such powers and duties as the Board may deem necessary or convenient to accomplish the purposes of the trust, including, without limiting the generality of the foregoing, the power of such active trustee:

- (a) to construct, reconstruct, improve, alter and repair any such project; to hold, manage, operate, use, insure, lease or rent any project;

- (b) to issue negotiable bonds, notes or interim receipts (herein called the "bonds") maturing over a period not exceeding 30 years for the purpose of aiding in financing any project and to make covenants securing the bonds or relating to the bonds and the disposition and use of the proceeds thereof;

- (c) to secure such bonds by an indenture to a trustee or trustees for the holders of such bonds (herein called the "bondholders' trustee") providing the rights and powers of such trustee and of the bondholders, their respective rights to enforce the payment of the bonds or any covenants securing or relating to same, which shall not, however, include the right to forfeit or obtain title to the project through foreclosure proceedings or otherwise; to covenant as to events of default, the consequences thereof and the conditions upon which bonds may become or be declared due before maturity.

- (d) to confer upon the bondholders' trustee the power, in case of a default under the bonds or indenture securing same, to enforce the payments of all sums due under leases of any project, to compel the performance of any covenants or

conditions therein, to take possession, use, operate, manage and control any project and collect and dispose of the rents therefrom; in the event that such powers are conferred upon the bondholders' trustee, same may be exercised by it without its forfeiting or obtaining title to the project through foreclosure proceedings or otherwise;

(e) to confer upon the bondholders' trustee the power, in case of a default under the bonds or indenture securing same, to lease, use or operate a project for purposes other than those for which the active trustee itself may lease, use or operate same; the conferring of such power upon the bondholders' trustee shall not, however, affect the validity or exclusively public educational character of a trust or the property held by the active trustee thereunder;

(f) to execute all instruments and contracts and to do all things necessary or convenient to carry out the powers conferred by such trust agreement.

3. To enter into agreements creating or authorizing the creation of special funds for moneys held for the construction of any project and to covenant as to the use and disposition of the moneys held in such funds;

4. To enter into a year to year or other lease on any such projects, with the privilege in the Board of terminating or not renewing such lease for any year or years, upon giving such notice as may be prescribed in such lease; such lease shall be in such form, with such rental, terms, parties and conditions as the Board may determine; to obtain options to lease any such projects from year to year, and to exercise such options; to vest in its lessor and in a trustee for the holders of bonds issued by its lessor, the right by mandamus, suit, action or proceedings in law or in equity, to enforce the payment by the Board of any sums due under any such lease or to compel its performance of any covenants or conditions contained therein;

5. To agree with the Government that if the Board leases any such project or projects from an active trustee, a bondholders' trustee or otherwise, the Board shall pledge for the payment of its rentals or the performance of its obligations under any such lease its own receipts, collections or trust funds thereunto available (herein called "funds") which it is authorized by law to retain in its own treasury for the performance of any contract or undertaking with the Government or any person in connection with any grant, advance, loan, trust agreement or contract for the erection of a building or buildings; to pledge and use said funds for the payment of its rents or for the performance of its obligations under any such lease; provided, however, that the aggregate amount pledged by the Board for the payment in any year of rentals or obligations under such lease or leases of any project for the construction of which the Government makes both a loan and a grant together with all sums pledged for the payment in any such year of other obligations incurred by the Board under "An Act to authorize the Board of Trustees of the University of Illinois to enter into contracts with the United States for the erection of buildings and improvements, pursuant to Public Resolution 11, 74th Congress, First Session, House Joint Resolution 117, approved by the President of the United States April 8, 1935, at 4:00 p.m., and to authorize the financing of such improvements in conformity with such resolution, the National Industrial Recovery Act, and such other Acts of Congress enacted for the purpose of aiding the processes of national recovery," approved July 11, 1935, or this Act or under both such acts, for the construction of which the Government makes both a loan and a grant and including the Congressional Resolution approved June 29, 1937, as amended June 21, 1938, known as Federal Public Buildings Appropriation Act of 1938, and other acts of the United States Congress heretofore or hereafter enacted for the purpose of providing public buildings for the States and governmental agencies thereof, shall not exceed the sum of \$100,000; to covenant against pledging all or any part of said receipts or collections or permitting or suffering any lien thereon;

6. To create a trust or trusts, in which the Board itself may serve as trustee, for the acquisition, through lease, purchase or construction, and for maintenance and operation of self-liquidating buildings, such as a student center building or student residence halls, or both, through the collection of service charges or rentals from students, and for whose use such funds shall be held by the Board in its own treasury, which service charges or rentals shall be so held in trust by the Board and expended solely for the purpose described in the instruments creating the trust or trusts;

7. To exercise all or any part or combination of the power herein granted and to execute all instruments and contracts and to do all things necessary or convenient to carry out the powers herein granted; provided, however, that the obligations under leases, trust agreements or otherwise incurred by the Board pursuant to this Act shall not be a debt of the State of Illinois and the State shall not be liable thereon, and provided further that the bonds and other obligations of an active trustee appointed hereunder by the Board shall not be a debt of the Board or the State and neither the Board nor the State shall be liable thereon, and the bonds shall in substance so recite. The obligations under leases, trust agreements or otherwise incurred hereunder by the Board and the bonds or other obligations of an active trustee appointed hereunder shall not constitute an indebtedness within the meaning of any constitutional or other debt limitation or restriction.

Sec. 2. The powers conferred by this Act shall be in addition and supplemental to, and not in substitution for, the powers conferred by any other law, and may be exercised in conjunction with such powers conferred by other laws, and no restrictions or limitations upon the powers of the Board of Trustees of the University of Illinois contained in Section 1 of this Act shall be applicable in the case of any leases, contracts or undertakings entered into by such Board relating to the construction, use or operation of any building erected by the University of Illinois Building Commission under and pursuant to any Act creating such a Commission.

HUGH W. CROSS
Speaker, House of Representatives
JOHN STELLE
President of the Senate

Approved July 11, 1939

HENRY HORNER
Governor

This report was received for record.

THE BUDGET FOR 1939-1940

(3) The University budget for the fiscal year beginning July 1, 1939, and the academic year beginning September 1, 1939, is submitted herewith.

I recommend that this budget, covering the allocation of the University's income from all State appropriations (including the appropriation of the University Income 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, 1939, and the academic year beginning September 1, 1939, 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.

Mr. Morey presented the budget and commented on the detail.

On motion of Mr. Adams, the budget was amended by making the salary of President Willard \$16,000 a year, with use of house and automobile.

On motion of Mr. Moschel, the budget as amended, was approved as recommended, and authority was given to the President as requested, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Karraker, Mr. Wieland.

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.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	For 1938-1939	For 1939-1940
<i>Estimated Income</i>		
General Income.....	\$6 677 369	\$7 123 019
Restricted Income.....	1 334 211	1 414 796
<i>Total</i>	\$8 011 580	\$8 537 815
<i>Appropriations by Board of Trustees</i>		
From General Income.....	\$6 637 910	\$7 117 601
From Restricted Income.....	1 334 211	1 414 796
<i>Total</i>	\$7 972 121	\$8 532 397
<i>Unappropriated Balance from General Income</i>	\$ 39 459	\$ 5 418

ESTIMATED INCOME			
<i>Educational and General</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
Student Fees:			
Gross.....	\$1 369 000	.....	\$1 369 000
Deduct: Estimated Refunds.....	34 000	.....	34 000
Net, Fees.....	(1 335 000)	.....	(1 335 000)
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).....	.....	75 894	75 894
Smith-Hughes Act.....	19 750	.....	19 750
Smith-Lever Acts (including Bankhead-Jones Extension).....	.....	541 755	541 755
Capper-Ketcham Act.....	.....	38 461	38 461
Total, Federal.....	(183 068)	(746 110)	(929 178)
State:			
One-half Biennial Appropriation for current expense from tax revenues... 5 432 500	.....	.....	5 432 500
Total, Public Appropriations.....	(5 615 568)	(746 110)	(6 361 678)
Sales and Services of Educational Departments, and Miscellaneous Sources:			
Medicine.....	25 000	.....	25 000
Dentistry.....	37 000	.....	37 000
Agriculture.....	500	216 390	216 890
All Other.....	77 500	32 876	110 376
Total, Sales, Services, and Miscellaneous Sources.....	(140 000)	(249 266)	(389 266)
Total, Educational and General.....	(7 123 019)	(995 376)	(8 118 395)
Auxiliary Enterprises and Activities.....	.....	150 000	150 000 ¹
Endowment Income and Expendable Gift Funds			
Educational Purposes:			
Endowment Income.....	.....	5 850	5 850
Gifts.....	.....	234 270	234 270
Total.....	.....	(240 120)	(240 120)
Non-Educational Purposes:			
Endowment Income.....	.....	21 700	21 700
Gifts.....	.....	7 600	7 600
Total.....	.....	(29 300)	(29 300)
Total, Endowment Income and Expendable Gift Funds.....	.....	(269 420)	(269 420)
Grand Total Estimated Income.....	\$7 123 019	\$1 414 796	\$8 537 815

¹Net after deducting estimated surplus included in general income for educational and general purposes.

SUMMARY OF BUDGET APPROPRIATIONS

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
General Administrative Offices and General Expense.....	\$562 053	\$18 526	\$580 579
Instruction and Departmental Research:			
Colleges, Schools, and Departments:			
Liberal Arts and Sciences.....	1 361 464	.....	1 361 464
Journalism.....	35 760	.....	35 760
Commerce.....	233 993	.....	233 993
Education.....	190 265	.....	190 265
Engineering.....	560 468	.....	560 468
Agriculture.....	344 257	49 250	393 507
Library School.....	36 000	.....	36 000
Law.....	70 495	.....	70 495
Fine and Applied Arts.....	231 982	350	232 332
Physical Education.....	179 715	.....	179 715
Military.....	17 320	800	18 120
Military Bands.....	15 025	3 200	18 225
Summer Session.....	130 000	.....	130 000
Medicine.....	578 766	.....	578 766
Dentistry.....	171 332	.....	171 332
Pharmacy.....	105 442	.....	105 442
University Extension.....	30 975	10 000	40 975
<i>Total</i>	(4 293 259)	(63 600)	(4 356 859)
Organized Activities Relating to Instructional Departments (self-supporting)			
—Agriculture.....	.....	79 090	79 090
<i>Total, Instruction and Departmental Research</i>	(4 293 259)	(142 690)	(4 435 949)
Organized Research:			
Bureau of Business Research.....	12 820	.....	12 820
Bureau of Educational Research.....	9 650	.....	9 650
Engineering Experiment Station.....	123 037	.....	123 037
Agricultural Experiment Station.....	421 280	235 944	657 224
Graduate School.....	128 150	.....	128 150
<i>Total, Organized Research</i>	(694 937)	(235 944)	(930 881)
Agricultural Extension.....	.....	598 216	598 216
Libraries.....	408 455	.....	408 455
Physical Plant Operation and Maintenance	1 072 897	.....	1 072 897
Rental of Medical and Dental College Laboratory Building.....	86 000	.....	86 000
<i>Total, Educational and General</i>	(7 117 601)	(995 376)	(8 112 977)
<i>Auxiliary Enterprises</i>.....	.....	150 000	150 000
<i>Endowment Income and Gift Funds</i>			
Educational Purposes.....	.....	240 120	240 120
Non-Educational Purposes.....	.....	29 300	29 300
<i>Total, Endowment Income and Gift Funds</i>.....	.....	(269 420)	(269 420)
<i>Grand Total</i>	\$7 117 601	\$1 414 796	\$8 532 397

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.....	\$426 980	\$153 599	\$580 579
Instruction and Departmental Research:			
Colleges, Schools, and Departments:			
Liberal Arts and Sciences.....	1 227 580	133 884	1 361 464
Journalism.....	31 670	4 090	35 760
Commerce.....	228 993	5 000	233 993
Education.....	178 227	12 038	190 265
Engineering.....	514 221	46 247	560 468
Agriculture.....	320 790	72 717	393 507
Library School.....	33 300	2 700	36 000
Law.....	68 000	2 495	70 495
Fine and Applied Arts.....	219 517	12 815	232 332
Physical Education.....	155 180	24 535	179 715
Military.....	12 500	5 620	18 120
Military Bands.....	13 050	5 175	18 225
Summer Session.....	126 700	3 300	130 000
Medicine.....	471 918	106 848	578 766
Dentistry.....	138 383	32 949	171 332
Pharmacy.....	91 242	14 200	105 442
University Extension.....	21 325	19 650	40 975
<i>Total, Colleges, Schools, and Departments.</i>	(3 852 596)	(504 263)	(4 356 859)
Organized Activities Relating to Instructional Departments (self-supporting)			
Agriculture.....	21 090	58 000	79 090
<i>Total, Instruction and Departmental Research.</i>	(3 873 686)	(562 263)	(4 435 949)
Organized Research:			
Bureau of Business Research.....	10 320	2 500	12 820
Bureau of Educational Research.....	9 000	650	9 650
Engineering Experiment Station.....	104 794	18 243	123 037
Agricultural Experiment Station.....	488 226	168 998	657 224
Graduate School.....	83 700	44 450	128 150
<i>Total, Organized Research.</i>	(696 040)	(234 841)	(930 881)
Agricultural Extension.....	465 587	132 629	598 216
Libraries.....	255 865	152 590	408 455
Physical Plant Operation and Maintenance	712 464	360 433	1 072 897
Rental of Medical and Dental College Laboratory Building.....	.....	86 000	86 000
<i>Total, Educational and General.</i>	(6 430 622)	(1 682 355)	(8 112 977)
<i>Auxiliary Enterprises.</i>	44 915	105 085	150 000
<i>Endowment Income and Gift Funds</i>			
Educational Purposes.....	196 600	43 520	240 120
Non-Educational Purposes.....	23 000	6 300	29 300
<i>Total, Endowment Income and Gift Funds.</i>	(219 600)	(49 820)	(269 420)
<i>Grand Total.</i>	\$6 695 137	\$1 837 260	\$8 532 397

**SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFTS,
AND OTHER TRUST FUNDS**

The balances and receipts of the following trust funds are appropriated for the purpose 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.....	3 300	.....	3 300
Fine and Applied Arts.....	4 750	\$250	5 000
Physical Education.....	.....	350	350
Medicine.....	700	50	750
<i>Total, Instruction and Departmental Research</i>	(8 950)	(650)	(9 600)
Organized Research:			
Liberal Arts and Sciences.....	27 750	6 250	34 000
Commerce and Business Administration.....	2 000	.....	2 000
Engineering Experiment Station.....	85 000	20 000	105 000
Agricultural Experiment Station.....	26 500	3 500	30 000
Medicine.....	40 400	8 850	49 250
Dentistry.....	6 000	200	6 200
<i>Total, Organized Research</i>	(187 650)	(38 800)	(226 450)
Libraries.....	.....	3 400	3 400
Physical Plant Operation and Maintenance.....	.....	670	670
<i>Total, Educational and General</i>	(196 600)	(43 520)	(240 120)
Non-Educational Purposes			
Scholarships, Fellowships, and Prizes.....	23 000	700	23 700
Miscellaneous.....	.....	5 600	5 600
<i>Total, Non-Educational Purposes</i>	(23 000)	(6 300)	(29 300)
<i>Grand Total</i>	<u>\$219 600</u>	<u>\$49 820</u>	<u>\$269 420¹</u>

¹Distributed as follows:

	<i>Educational and General</i>	<i>Scholarships, Fellowships, and Prizes</i>	<i>Miscella- neous</i>	<i>Total</i>
From Endowment Income.....	\$ 5 850	\$16 100	\$5 600	\$ 27 550
From Gifts.....	234 270	7 600	.....	241 870

THE SALARY BUDGET

Explanatory Notes

Unless otherwise indicated in the Budget:

1. All appointments begin September 1, 1939.
2. Civil Service (C.S.) 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, 1939.
- D—One year from September 1, 1939.
- E—Ten months from September 1, 1939.
- F—Special tenure.
- H—July 1, 1939, to June 30, 1940. (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	\$13 000	\$13 800
President's Office.....	41 904	2 700	44 604
Provost's Office.....	14 550	2 400	16 950
University Counsel.....	11 000	1 200	12 200
Executive Dean—Chicago Departments.....	13 000	1 000	14 000
Business Office—Urbana.....	88 186	15 525	103 711
Business Office—Chicago.....	19 460	2 250	21 710
<i>Total, Business Office.....</i>	<i>(107 646)</i>	<i>(17 775)</i>	<i>(125 421)</i>
Registrar's Office—Urbana.....	40 389	15 870	56 259
Registrar's Office—Chicago.....	7 150	730	7 880
<i>Total, Registrar's Office.....</i>	<i>(47 539)</i>	<i>(16 600)</i>	<i>(64 139)</i>
Dean of Men.....	23 050	3 086	26 136
Dean of Women.....	14 740	2 450	17 190
Director of Student Housing.....	16 480	2 495	18 975
Information Office.....	5 520	159	5 679
University Press.....	15 130	16 550	31 680
High School Visitor.....	18 000	3 500	21 500
High School Conference.....	2 000	1 500	3 500
Public Information.....	7 265	3 650	10 915
Radio Station.....	18 595	10 374	28 969
Alumni Relations and Records.....	14 645	8 215	22 860
Bureau of Institutional Research.....	15 825	1 000	16 825
<i>General Expense</i>			
General Printing and Publishing.....	500	1 000	1 500
Honors Day.....	70	430	500
Commencement—(Urbana and Chicago).....	350	5 150	5 500
General University Lectures, and Other Functions.....	2 000	1 200	3 200
Freshmen Week.....	75	1 925	2 000
Injuries to Employees.....	1 000	1 000	2 000
Public Functions.....	500	2 000	2 500
Incidental and Emergency.....	200	1 800	2 000
Membership in Organizations.....	.....	510	510
Faculty Committee on Patents.....	.....	2 000	2 000
Committee on Guidance Conferences.....	.....	1 000	1 000
Death Benefits.....	15 000	.....	15 000
McKinley Hospital.....	6 200	4 800	11 000
University of Illinois Foundation.....	.....	18 000	18 000
<i>Sub-total.....</i>	<i>(413 584)</i>	<i>(148 469)</i>	<i>(562 053)</i>
<i>Revolving Accounts</i>			
Entrance Examinations.....	6 368	1 830	8 198
Accountancy Committee.....	7 028	3 300	10 328
<i>Total, Revolving Accounts.....</i>	<i>(13 396)</i>	<i>(5 130)</i>	<i>(18 526)</i>
<i>Total.....</i>	<i>\$426 980</i>	<i>\$153 599</i>	<i>\$580 579</i>

BOARD OF TRUSTEES

		<i>Salary</i>
1. H. E. Cunningham, Secretary.....		.....
(Salary under University Press)		
2. Wages.....	H	\$ 800
<i>Total, Board of Trustees</i>		\$ 800

PRESIDENT'S OFFICE

1. A. C. Willard, President.....	A	\$ 16 000 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	6 500
5. H. B. Johnston, Executive Secretary (C.S.).....	D	4 800
6. A. R. Lee, Chief Clerk (C.S.).....	D	2 000
7. Martha G. Glass, Stenographer (C.S.).....	D	1 500
8. Mrs. Marie M. Bierfeldt, Stenographer (C.S.).....	D	1 500
9. _____, Stenographer (C.S.).....	D	1 500
10. Mrs. Jane H. Beagle, Typist (C.S.).....	D	1 200
<i>Sub-total, Salaries</i>		(39 954)
11. Wages.....	H	1 950
<i>Total, President's Office</i>		\$ 41 904

PROVOST'S OFFICE

1. A. J. Harno, Provost.....	D40	\$ 3 850
(See College of Law.....)	B60	5 750)
(Total salary.....)		9 600)
2. E. F. Potthoff, Educational Consultant.....	D89	4 000
(See College of Education.....)	A11	500)
(Total salary.....)		4 500)
3. Mrs. Jessie P. Howard, Research Assistant.....	D	2 000
4. E. E. Barton, Secretary to the Provost (Exempt).....	D50	1 000
5. Mrs. Gertrude C. Becker, Typist (C.S.).....	D	1 300
<i>Sub-total, Salaries</i>		(12 150)
6. Wages.....	H	2 400
<i>Total, Provost's Office</i>		\$ 14 550

UNIVERSITY COUNSEL

1. Sveinbjorn Johnson, University Counsel.....	D	\$ 9 000
Professor of Law.....	A	.....
2. N. D. Hodges, Assistant to the University Counsel.....	D 9	200
(See Business Office.....)	D91	2 100)
(Total salary.....)		2 300)
3. Naomi Fleming, Secretary (C.S.).....	D	1 800
<i>Total, University Counsel</i>		\$ 11 000

EXECUTIVE DEAN—CHICAGO COLLEGES

1. R. B. Allen, Executive Dean of the Chicago Colleges.....	B	\$ 10 000
2. _____, Secretary to Dean (Exempt).....	D	1 800
3. _____, Stenographer (C.S.).....	D	1 200
<i>Total, Executive Dean—Chicago Colleges</i>		\$ 13 000

¹With house and automobile.

BUSINESS OFFICE—URBANA

(The divisions into which this budget is divided
are for administrative convenience only.)

General

		<i>Salary</i>
1. Lloyd Morey, Comptroller.....	D	\$ 9 000
Professor of Accountancy.....	A	.....
2. H. A. Hazleton, Assistant Comptroller and Auditor (C.S.)..	D	3 500
3. S. C. Smith, Assistant Auditor (C.S.).....	D	2 800
4. Merle M. Rhoads, Chief Clerk (C.S.).....	D	2 100
5. Gladys L. Paul, Chief Stenographer (C.S.).....	D	1 600
6. _____, Junior Accountant (Student).....	D50	600
7. R. W. Kettler, Junior Accountant (Student).....	D50	600

Accounting Division

8. C. H. Pratt, Chief Accountant (C.S.).....	D	4 600
9. L. M. Dahlenburg, Assistant Chief Accountant (C.S.).....	D	3 100
10. C. C. DeLong, Senior Accountant (C.S.).....	D80	1 800
(See Accountancy Fund.....)	D10	200)
(See Business Organization and Operation.....)	D10	250)
(Total salary.....)		2 250)
11. G. A. DaCosta, Junior Accountant (C.S.).....	D43	825
(See Residence Halls.....)	D49	675)
(See McKinley Hospital.....)	D 8)
(Total salary.....)		1 500)
12. P. G. Philbin, Junior Accountant (C.S.).....	D	1 440
13. L. A. Williamson, Clerk (C.S.).....	D	1 200
14. J. R. Carlson, Typist (C.S.).....	D	1 140
15. R. A. Henderson, Bookkeeper (C.S.).....	D	1 140
16. Leslie Taylor, Bookkeeper (C.S.).....	D	960
17. Naomi L. Leonard, Clerk and Typist (C.S.).....	D	1 320
18. Mrs. Alyce S. Burnell, Stenographer (C.S.).....	D	1 080
19. Rudolph Ogden, Typist (C.S.).....	D	1 140
20. Marjorie Stillwell, Typist (C.S.).....	D	1 140
21. Lois E. Wendt, Typist (C.S.).....	D	1 080
22. _____, Junior Accountant.....	D50	600
23. Cecil Swinehart, Junior Accountant (C.S.).....	D17	240
(See McKinley Hospital.....)	D83	1 200)
(Total salary.....)		1 440)

Bursar's Division

24. C. A. Webber, Bursar (C.S.).....	D	4 400
25. H. F. Thornes, Assistant Bursar (C.S.).....	D	2 800
26. J. I. Johnson, Head Cashier (C.S.).....	D	1 920
27. N. D. Hodges, Student Loan Assistant.....		.....
(From Student Loan Income.....)	D91	2 100)
(See University Counsel.....)	D 9	200)
(Total salary.....)		2 300)
28. G. W. Michael, Assistant Cashier (C.S.).....	D	1 560
29. R. F. Wood, Junior Accountant (C.S.).....	D	1 440
30. Mrs. Hortense S. Johnson, Payroll Clerk (C.S.).....	D	1 500
31. Adel Carson, Assistant Cashier (C.S.).....	D	1 260
32. Gladys Hollingshead, Typist (C.S.).....	D	1 320
33. _____, Junior Typist (C.S.).....	D	1 020
34. Lorene Hertz, Junior Stenographer (C.S.).....	D	1 140
35. Mary A. Reifsteck, Senior Stenographer (C.S.).....	D	1 140
36. Ethel Pocras, Typist (C.S.).....	D	1 020

Purchasing Division

37. H. M. Edwards, Purchasing Agent (C.S.).....	D83	5 150
(See Business Organization and Operation.....)	D17	450)
(Total salary.....)		5 600)

		<i>Salary</i>
38. C. P. Slater, Assistant Purchasing Agent (C.S.).....	D	3 750
39. W. M. Tullock, Traffic Assistant (C.S.).....	D	2 800
40. P. E. Cameron, Junior Assistant Purchasing Agent (C.S.)...	D	1 500
41. E. G. Smith, Clerk (C.S.).....	D	1 800
42. Zella Ulum, Stenographer (C.S.).....	D	1 620
43. Jervae Meister, Stenographer (C.S.).....	D	1 140
44. Alta M. Padfield, Stenographer (C.S.).....	D	1 100
45. Mrs. Betty B. Dexter, Stenographer (C.S.).....	D	1 020
46. 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.....)		500)
(From Athletic Association.....)		1 800)
(Total salary.....)		5 100)
47. C. C. Crawford, Storekeeper (C.S.).....	D	.....
(From General Chemical Storeroom.....)		1 800)
48. F. C. Pearson, Storekeeper (C.S.).....	D	.....
(From Office Supply Storeroom.....)		1 980)
49. Leland Williamson, Assistant Storekeeper (C.S.).....		.....
(From Office Supply Storeroom.....)	D	1 320)
50. J. W. Zschoche, Tabulating Equipment Operator (C.S.).....		.....
(From Tabulating Machine Operation.....)	D	1 320)
51. Constance Dunn, Key Punch Operator (C.S.).....		.....
(From Tabulating Machines Operation.....)	D	1 020)
52. W. K. Lumsden, Storekeeper, <i>Retired</i> (C.S.).....		856
<i>Sub-total, Salaries.....</i>		(84 261)
53. Wages.....	H	3 925
<i>Total, Business Office—Urbana.....</i>		\$ 88 186

BUSINESS OFFICE—CHICAGO

1. J. E. Millizen, Business Agent (C.S.).....	D	\$ 5 000
2. J. F. Knight, Senior Assistant Purchasing Agent (C.S.).....	D	2 600
3. Mrs. Florence Nelson, Junior Accountant (C.S.).....	D	1 900
4. David Henze, Chief Clerk and Cashier (C.S.).....	D	1 980
5. Mrs. Miriam Stillman, Senior Clerk (C.S.).....	D	1 560
6. Gertrude Goatley, Senior Stenographer (C.S.).....	D	1 440
7. Mrs. Lucille Adams, Senior Stenographer (C.S.).....	D	1 380
8. _____, Assistant Cashier (C.S.).....	D	1 200
9. Shirley Brenner, Junior Clerk (C.S.).....	D	1 200
10. _____, Junior Clerk (C.S.).....	D	1 200
11. Bert Dungan, Dental Storekeeper (C.S.).....		.....
(From Dental Storeroom.....)	D	1 680)
12. W. R. Williams, Storekeeper (C.S.).....		.....
(From Chicago General Stores.....)	D	1 500)
<i>Total, Business Office—Chicago.....</i>		\$ 19 460

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	\$ 5 750
<i>Division of Admissions</i>		
2. D. A. Grossman, Examiner (C.S.).....	D72	3 312
(See Accountancy Fund.....)	D20	920)
(See Entrance Examinations Fund.....)	D 8	368)
(Total salary.....)		4 600)
3. E. J. Smith, Assistant Examiner (Student).....	D15	255
(See Entrance Examinations Fund.....)	D60	1 020)
(Total salary.....)		1 275)

		<i>Salary</i>
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	1 132)
(Total salary)		2 100)

Division of Records

6. L. A. Boice, Recorder, <i>Emeritus</i>		1 480
7. E. C. Seyler, Recorder (C.S.)	D	3 600
8. Mrs. Tabitha B. Ridge, Assistant Recorder (C.S.)	D	1 800
9. M. Priscilla Howe, Assistant Recorder (C.S.)	D	2 100
10. Dorothy Clark, Assistant Recorder (C.S.)	D	1 800
11. Verna L. Everett, Record Clerk (C.S.)	D	1 100
12. Rosene A. Hawthorne, Record Clerk (C.S.)	D	1 300
13. Vivian Glenn, Record Clerk (C.S.)	D	1 100
14. Ruth G. Clinite, Record Clerk (C.S.)	D	920
15. Olive E. Walker, Record Clerk (C.S.)	D	1 100

Division of Statistics

16. Mary E. Johnston, Record Clerk (C.S.)	D	1 500
17. Mrs. Helen P. Willhite, Record Clerk (C.S.)	D	1 100

General Assistants

18. Alta Bagott, Filing Clerk (C.S.)	D80	1 280
(See Entrance Examinations Fund)	D20	320)
(Total salary)		1 600)
19. Mrs. Lucy J. Tucker, General Assistant (C.S.)	D90	920
(See Entrance Examinations Fund)	D10	100)
(Total salary)		1 020)
20. Carrie McGreevy, Head Stenographer (C.S.)	D64	1 024
(See Accountancy Fund)	D36	576)
(Total salary)		1 600)
21. Margaret E. Ryan, Stenographer (C.S.)	D	1 080
22. Lillian R. Swain, Stenographer (C.S.)		
(See Entrance Examinations Fund)	D	960)
<i>Sub-total, Salaries</i>		(35 589)
23. Wages	H	4 800
<i>Total, Registrar's Office—Urbana</i>		\$ 40 389

REGISTRAR'S OFFICE—CHICAGO

1. George R. Moon, Examiner and Recorder (C.S.)	D50	\$ 2 300
(See Medicine, Administration)	D50	2 300)
(Total salary)		4 600)
2. Velma M. Davis, Assistant to Examiner and Recorder (C.S.)	D	1 700
3. Mrs. Ethel Engeljohn, Clerk (C.S.)	D33	600
(See Medicine, Administration)	D67	1 200)
(Total salary)		1 800)
4. Viola A. Munson, Clerk and Stenographer (C.S.)	D	1 300
5. Eleanor H. Nedwick, Clerk and Stenographer (C.S.)	D	1 200
<i>Sub-total, Salaries</i>		(7 100)
6. Wages	H	50
<i>Total, Registrar's Office—Chicago</i>		\$ 7 150

DEAN OF MEN

1. F. H. Turner, Dean of Men	B	\$ 5 750
2. G. W. Peck, Assistant Dean of Men	D	2 700
3. G. A. McConnell, Assistant Dean of Men	D	2 200
4. Hazel A. Yates, Secretary to the Dean of Men (Exempt)	D	1 600
5. ———, Assistant Dean of Men, or Accountant		1 800
<i>Sub-total, Salaries</i>		(14 050)
6. Wages	H	9 000
<i>Total, Dean of Men</i>		\$ 23 050

DEAN OF WOMEN

		<i>Salary</i>
1. Maria Leonard, Dean of Women.....	B	\$ 5 600
2. Irene D. Pierson, Assistant Dean of Women.....	D	2 700
3. Elizabeth A. Connelly, Assistant Dean of Women.....	D25	500
(See Residence Halls.....)	D25	500)
(See Student Housing.....)	D50	1 000)
(Total salary.....)		2 000)
4. Frances E. Swanson, Secretary (Exempt).....	D	1 920
5. Frances M. Stirtz, Stenographer (C.S.).....	D	1 140
6. Mrs. Mildred D. Metzel, Stenographer (C.S.).....	D	1 080
<i>Sub-total Salaries.....</i>		(12 940)
7. Wages.....	H	1 800
(From Residence Halls.....)		891)
(Total Wages.....)		2 691)
<i>Total, Dean of Women.....</i>		\$ 14 740

DIVISION OF STUDENT HOUSING

(Subject to further review)

1. C. R. Frederick, Director of Student Housing and Secretary of Senate Committee on Student Discipline.....	D88	\$ 4 000
(See School of Journalism.....)	E12)
2. _____, Assistant, for Men's Housing.....	D	1 700
3. Elizabeth A. Connelly, Assistant, for Women's Housing....	D50	1 000
(See Dean of Women.....)	D25	500)
(See Residence Halls.....)	D25	500)
(Total salary.....)		2 000)
4. Mrs. Lorene Fuzak, Junior Stenographer (C.S.).....	D	1 080
<i>Sub-total, Salaries.....</i>		(7 780)
5. Wages:		
Student Supervision.....		6 700
Office.....		2 000
<i>Sub-total, Wages.....</i>		(8 700)
<i>Total, Division of Student Housing.....</i>		\$ 16 480

INFORMATION OFFICE

1. H. E. Cunningham, Director.....		.....
(Salary under University Press)		
2. Anna L. Neuber, Assistant Director (C.S.).....	D	\$ 3 000
<i>Sub-total, Salaries.....</i>		(3 000)
3. Wages.....	H	2 520
<i>Total, Information Office.....</i>		\$ 5 520

UNIVERSITY PRESS

1. H. E. Cunningham, Director of the University Press and Information Office.....	D	\$ 5 750
2. H. C. Oesterling, Editor (C.S.).....	D	3 700
3. Maude Archdeacon, Chief Clerk (C.S.).....	D	1 800
4. Helen L. Smith, Editorial Assistant (C.S.).....	D	1 560
5. Miodrag Muntyan, Editorial Assistant.....	D	1 320 ¹
6. C. W. Reagan, Superintendent of Print Shop (C.S.).....		.....
(From Print Shop.....)	D	4 500)
7. C. E. Herman, Assistant Superintendent of Print Shop (C.S.)		.....
(From Print Shop.....)	D	3 400)
8. W. V. Munnis, Junior Accountant (C.S.).....		.....
(From Print Shop.....)	D	1 900)
9. Lillian A. Weinheimer, Proofreader (C.S.).....		.....
(From Print Shop.....)	D	1 300)

¹With the condition that he may carry five hours of work in the University without loss of time from his official duties.

		<i>Salary</i>
10. Frances Mercer, Proofreader (C.S.)		.....
(From Print Shop)	D	1 500)
<i>Sub-total, Salaries</i>		(14 130)
11. Wages	H	1 000
<i>Total, University Press</i>		<u>\$ 15 130</u>

HIGH SCHOOL VISITOR

1. A. W. Clevenger, High School Visitor, with rank of Professor (On leave, with full pay, for second semester of school year 1939-1940)	D	\$ 5 500
2. H. D. Trimble, Assistant High School Visitor	D	4 000
3. F. C. Hood, Assistant High School Visitor	D	3 200
4. _____, Assistant High School Visitor	D	2 800
5. Frances M. Laughner, Secretary (C.S.)	D	1 600
<i>Sub-total, Salaries</i>		(17 100)
6. Wages	H	900
<i>Total, High School Visitor</i>		<u>\$ 18 000</u>

PUBLIC INFORMATION

1. J. F. Wright, Director of Public Information	D60	4 000
(See Radio Station)	D40	1 750)
(See Journalism)	A)
(Total salary)		5 750)
2. F. E. Schooley, Assistant to Director	D25	715
(See Radio Station)	D50	1 515)
(See Journalism)	E25	770)
(Total salary)		3 000)
3. A. R. Wildhagen, General Assistant	D75	1 650
(See Journalism)	E25)
4. Mrs. Jaunita Gates, Secretary (C.S.)	D50	750
(See Radio Station)	D50	750)
(Total salary)		1 500)
<i>Sub-total, Salaries</i>		(7 115)
5. Wages	H	150
<i>Total, Public Information</i>		<u>\$ 7 265</u>

RADIO STATION

1. J. F. Wright, Director of Radio Station WILL	D40	\$ 1 750
(See Public Information)	D60	4 000)
(See Journalism)	A)
(Total salary)		5 750)
2. F. E. Schooley, Assistant to Director	D50	1 515
(See Public Information)	D25	715)
(See Journalism)	E25	770)
(Total salary)		3 000)
3. A. J. Ebel, Technician and Chief Engineer (C.S.)	D	2 200
4. Mrs. Juanita Gates, Secretary (C.S.)	D50	750
(See Public Information)	D50	750)
(Total salary)		1 500)
5. L. F. Demming, Director of Music	D75	2 500
(See Music)	D25)
6. _____, Stenographer	D	1 080
7. _____, Chief Announcer	D50	900
8. N. H. Cohen, Director of Production	D75	1 500
(See English)	E25)
<i>Sub-total, Salaries</i>		(12 095)
9. Wages		6 400
<i>Total, Radio Station</i>		<u>\$ 18 595</u>

ALUMNI RELATIONS AND RECORDS*Alumni Relations**Salary*

1. Carl Stephens, Director of Alumni Relations and Records (C.S.).....	D63	\$ 3 000
(Paid by Alumni Association.....)	D37	1 800)
(Total salary.....)		4 800)
2. _____, Stenographer (C.S.).....	D	1 320

Alumni Records

3. Gleya Goodwine, Alumni Recorder.....	D	3 350
4. Mildred A. Fisher, Secretary, Chicago Office (C.S.).....	D	1 900
5. Christine F. Aden, Clerk and Typist (C.S.).....	D	1 400
6. R. K. Lumsden, Clerk (C.S.).....	D	1 475
7. _____, Bookkeeper and Clerk (C.S.).....	D	1 200
<i>Sub-total, Salaries</i>		(13 645)
8. Wages.....	H	1 000
<i>Total, Alumni Relations and Records</i>		\$ 14 645

BUREAU OF INSTITUTIONAL RESEARCH

1. C. R. Griffith, Director (On leave with full pay, first semester, 1939-1940).....	D75	\$ 4 875
(See Education.....)	A25	1 625)
(Total salary.....)		6 500)
2. A. H. Winakor, Statistician.....	D	3 350
3. Genevieve Vencill, Clerk (C.S.).....	D	1 400
4. Lydia Hansen, Secretary (C.S.).....	D	1 400
5. K. C. Shrader, Research Assistant.....	D	1 800
6. _____, Research Assistant.....	D	1 200
7. Mary Brown, Stenographer (C.S.).....	D	1 300
<i>Sub-total, Salaries</i>		(15 325)
8. Wages.....	H	500
<i>Total, Bureau of Institutional Research</i>		\$ 15 825

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. W. T. Coggs shall, Technician.....	E	2 000 ²
4. Cecil Swinehart, Junior Accountant.....	D83	1 200
(See Business Office.....)	D17	240)
(Total salary.....)		1 440)
<i>Total, McKinley Hospital</i>		\$ 6 200

ENTRANCE EXAMINATIONS (REVOLVING FUND)

1. D. A. Grossman, Examiner (C.S.).....	D 8	\$ 368
(See Registrar's Office—Urbana.....)	D72	3 312)
(See Accountancy Fund.....)	D20	920)
(Total salary.....)		4 600)
2. E. J. Smith, Assistant Examiner.....	D60	1 020
(See Registrar's Office—Urbana.....)	D15	255)
(Total salary.....)		1 275)
3. Alta Bagott, File Clerk (C.S.).....	D20	320
(See Registrar's Office—Urbana.....)	D80	1 280)
(Total salary.....)		1 600)

¹With maintenance, including living quarters, board, and laundry while hospital is in operation.
²With permission to take such meals at the hospital as the urgency of his work requires.

		<i>Salary</i>
4. Mrs. Lucy J. Tucker General Assistant (C.S.).....	D10	100
(See Registrar's Office—Urbana.....)	D90	920)
(Total salary.....)		1 020)
5. Lillian R. Swain, Stenographer (C.S.).....	D	960
<i>Sub-total, Salaries.....</i>		(2 768)
6. Wages.....	H	3 600
<i>Total, Entrance Examinations Fund.....</i>		\$ 6 368

COMMITTEE ON ACCOUNTANCY (REVOLVING FUND)

1. D. A. Grossman, Examiner (C.S.).....	D20	\$ 920
(See Registrar's Office—Urbana.....)	D72	3 312)
(See Entrance Examinations Fund.....)	D 8	368)
(Total salary.....)		4 600)
2. M. Zella Hall, Assistant Examiner (C.S.).....	D54	1 132
(See Registrar's Office—Urbana.....)	D46	968)
(Total salary.....)		2 100)
3. Carrie McGreevy, Head Stenographer (C.S.).....	D36	576
(See Registrar's Office—Urbana.....)	D64	1 024)
(Total salary.....)		1 600)
4. C. C. Delong, Senior Accountant (See Business Office).....	D10	200
<i>Sub-total, Salaries.....</i>		(2 828)
5. Wages.....	H	4 200
<i>Total, Accountancy Fund.....</i>		\$ 7 028

COLLEGE OF LIBERAL ARTS AND SCIENCES

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$19 160	\$6 384	\$25 544
Personnel Bureau.....	24 070	3 550	27 620
General Division.....	20 000	.....	20 000
Astronomy.....	5 050	440	5 490
Bacteriology.....	21 038	4 800	25 838
Botany.....	44 381	2 940	47 321
Chemistry.....	226 025	88 500	314 525
Classics.....	22 921	250	23 171
English.....	220 613	2 108	222 721
Entomology.....	21 350	2 492	23 842
French.....	48 040	300	48 340
Geology and Geography.....	60 816	2 600	63 416
German.....	38 596	274	38 870
History.....	67 565	319	67 884
Mathematics.....	117 552	800	118 352
Philosophy.....	28 500	100	28 600
Physiology.....	20 073	3 359	23 432
Political Science.....	42 390	250	42 640
Psychology.....	36 470	2 000	38 470
Social Administration.....	7 700	2 300	10 000
Sociology.....	31 025	212	31 237
Spanish and Italian.....	20 465	150	20 615
Zoology.....	77 358	8 300	85 658
Classical Museum.....	250	350	600
Museum of European Culture.....	250	350	600
Natural History Museum.....	5 922	756	6 678
<i>Total.....</i>	<i>\$1 227 580</i>	<i>\$133 884</i>	<i>\$1 361 464</i>

Expendable Gift and Endowment Funds

	<i>Salaries and Wages¹</i>	<i>Other Expense¹</i>	<i>Total¹</i>
<i>Instruction (Endowment income):</i>			
Edmund James lectures on government....	\$ 200	.....	\$ 200
<i>Special Research (Gift funds):</i>			
<i>Botany</i>			
American Butter Co. research assistantship	600	.....	600
<i>Chemistry</i>			
E. I. duPont de Nemours Co. research assistantship.....	2 000	.....	2 000
E. I. duPont de Nemours Co.—vinyl derivatives.....	1 000	.....	1 000
Rohm and Haas Co. assistantships.....	3 300	.....	3 300
Eli Lilly and Co. research fellowship.....	750	.....	750
Monsanto Chemical Co. research fellowship.....	750	.....	750
Eastman Kodak Co. research fellowship..	1 000	.....	1 000
Amino acids research.....	10 000	\$5 000	15 000
Spectroscopic analysis of water.....	2 500	.....	2 500
<i>Psychology</i>			
George Davis Bivin assistantship.....	250	.....	250
Social Science Research Council assistantship.....	600	.....	600
Estimated new projects and renewals.....	5 000	1 250	6 250
<i>Total, Special Research.....</i>	<i>(27 750)</i>	<i>(6 250)</i>	<i>(34 000)</i>
<i>Total.....</i>	<i>\$27 950</i>	<i>\$6 250</i>	<i>\$34 200</i>

Administration

		<i>Salary</i>
1. M. T. McClure, Dean.....	B	\$ 8 250
Professor of Philosophy.....	A	.....
2. H. S. Dawson, Assistant Dean.....	B	3 850
3. Dorothy P. Birkett, Secretary to the Dean.....	D	1 800
4. S. E. Glenn, Administrative Assistant.....	D10	500
(See English Department.....)	B90	2 900)
(Total salary.....)		3 400)
5. Antoinette Lococo, Stenographer (C.S.).....	D	1 300
6. Lucille N. Ellis, Stenographer (C.S.).....	D	1 500
7. _____, Record Clerk (C.S.).....	D	960
<i>Sub-total, Salaries.....</i>		<i>(18 160)</i>
8. Wages.....	H	1 000
<i>Total, Administration.....</i>		<i>\$ 19 160</i>

Personnel Bureau

1. H. W. Bailey, Director.....	B80	\$ 3 600
(See Mathematics.....)	B20	900)
(Total salary.....)		4 500)
2. D. D. Feder, Assistant Director.....	B	3 500
(See Psychology.....)	)
3. R. P. Larsen, Psychometrist.....	D	2 100
(See Psychology.....)	)
4. _____, Assistant Psychometrist.....	D	1 800
5. Mrs. Rosalind R. Hill, Stenographer (C.S.).....	D	1 320
6. _____, Stenographer (C.S.).....	D	1 200

¹Estimated.

		<i>Salary</i>
7. R. G. Bone, Counselor.....	E25	775
(See History.....)	E75	1 425)
(Total salary.....)		2 200)
8. Echo D. Pepper, Counselor.....	D25	975
(See Mathematics.....)	B75	2 025)
(Total salary.....)		3 000)
9. J. C. Bailar, Counselor.....	D25	1 150
(See Chemistry.....)	B75	2 550)
(Total salary.....)		3 700)
10. M. S. Goldman, Counselor.....	D33	1 300
(See English.....)	B67	2 000)
(Total salary.....)		3 300)
11. Mrs. Leah F. Trelease, Counselor.....	D33	1 100
(See English.....)	D67	1 600)
(Total salary.....)		2 700)
12. J. L. Page, Counselor.....	D25	1 100
(See Geology and Geography.....)	B75	2 400)
(Total salary.....)		3 500)
13. G. I. Wallace, Counselor.....	D25	1 125
(See Bacteriology.....)	B75	2 475)
(Total salary.....)		3 600)
14. Lester Ingle, Counselor.....	D25	825
(See Zoology.....)	D75	1 575)
(Total salary.....)		2 400)
15. _____, Counselor.....	E25	300
16. _____, Counselor.....	E25	300
17. Additional service to replace counselors in departments from which drawn.....		600
<i>Sub-total, Salaries</i>		(23 070)
18. Wages.....	H	1 000
<i>Total, Personnel Bureau</i>		\$ 24 070

General Division

(A detailed budget is to be submitted to and approved by the President).....

\$ 20 000

Astronomy

1. R. H. Baker, Professor and Head of the Department.....	A	\$ 4 800
<i>Sub-total, Salaries</i>		(4 800)
2. Wages.....	H	250
<i>Total, Astronomy</i>		\$ 5 050

Bacteriology

1. F. W. Tanner, Professor and Head of Department.....	A	\$ 5 600
2. G. I. Wallace, Assistant Professor.....	B75	2 475
(See Personnel Bureau.....)	D25	1 125)
(Total salary.....)		3 600)
3. F. M. Clark, Assistant Professor.....	B	2 700
4. O. F. Edwards, Instructor.....	E	2 000
5. L. J. Wickerham, Instructor.....	E	1 800
6. S. E. R. Donovick, Assistant.....	E	1 200
7. T. H. Lord, Assistant.....	E50	600
8. E. M. Weber, Assistant.....	E50	600
9. C. H. Clemensen, Assistant.....	E50	600
10. R. I. Wise, Assistant.....	E25	300
11. A. L. Moody, Laboratory Helper, <i>Retired</i> (C.S.).....		749
12. _____, Laboratory Helper (C.S.).....	D	1 200
<i>Sub-total, Salaries</i>		(19 824)
13. Wages.....	H	1 214
<i>Total, Bacteriology</i>		\$ 21 038

Botany

		<i>Salary</i>
1. J. T. Buchholz, Professor and Head of Department.....	A	\$ 6 250
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	5 700
5. A. G. Vestal, Professor.....	A	4 400
6. H. J. Fuller, Assistant Professor.....	B	3 300
7. F. L. Wynd, Assistant Professor.....	B	3 000
8. Stella M. Hague, Associate.....	D	2 400
9. Oswald Tipppo, Associate.....	D	2 200
10. G. N. Jones, Instructor.....	E	1 800
11. R. V. Drexler, Assistant, Sem. I.....	F50	300
12. W. E. Wilson, Assistant.....	E50	600
13. H. W. Larsh, Assistant.....	E50	600
14. R. L. Hulbary, Assistant.....	E50	600
15. S. W. Oexemann, Assistant.....	E50	600
16. W. G. Gambill, Jr., Assistant.....	E50	600
17. S. A. Watson, Assistant.....	E50	600
18. G. R. Noggle, Assistant.....	E50	600
19. _____, Assistant.....	E50	600
20. Mrs. Mary C. Hanson, Stenographer and Clerk (C.S.).....	D	1 200
21. Rose Dungan, Herbarium Technician.....	E67	1 000
22. W. H. Long, Laboratory Helper and Mechanician (C.S.) ...	D	1 500
23. Frank Schaede, Laboratory Helper (C.S.).....	D	1 350
24. H. J. Ernest, Laboratory Helper and Mechanician, <i>Retired</i> ..		647
<i>Total, Botany</i>		\$ 44 381

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	8 500
4. B. S. Hopkins, Professor of Inorganic Chemistry (On leave with full pay, second semester, 1939-1940).....	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	7 000
7. D. B. Keyes, Professor of Chemical Engineering.....	A50	3 125
(See College of Engineering.....	A50	3 125)
(Total salary		6 250)
8. G. L. Clark, Professor of Chemistry.....	A	6 500
9. C. S. Marvel, Professor of Organic Chemistry.....	A	7 000
10. R. C. Fuson, Professor of Organic Chemistry.....	A	5 800
11. R. L. Shriner, Professor of Organic Chemistry.....	A	5 500
12. T. E. Phipps, Professor of Physical Chemistry.....	A	4 100
13. G. F. Smith, Professor of Chemistry (On leave with full pay, second semester, 1939-1940).....	A	4 000
14. H. F. Johnstone, Professor of Chemical Engineering.....	A67	3 950
(See College of Engineering.....	A33	1 950)
(Total salary		5 900)
15. J. H. Reedy, Associate Professor.....	A	4 000
16. D. T. Englis, Associate Professor.....	A	3 800
17. L. F. Audrieth, Associate Professor.....	A	3 450
18. J. C. Bailar, Associate Professor and Department Secretary ..	B75	2 550
(See Personnel Bureau.....	D25	1 150)
(Total salary		3 700)
19. M. J. Copley, Associate Professor.....	A	3 350
20. E. W. Comings, Assistant Professor of Chemical Engineering B		3 600

		<i>Salary</i>
21. A. G. Deem, Assistant Professor of Chemical Engineering...	B	3 000
22. H. E. Carter, Assistant Professor.....	B	3 200
23. Virginia Bartow, Assistant Professor.....	B	2 650
24. Rosalie M. Parr, Associate.....	B	2 530
25. _____, Associate.....	B	2 250
26. D. G. Nicholson, Associate.....	B	2 600
27. H. R. Snyder, Associate.....	B	2 400
28. C. C. Price, III, Associate.....	B	2 600
29. F. T. Wall, Associate.....	B	2 300
30. J. H. Billman, Instructor.....	E	2 000
31. C. R. Eddy, Instructor.....	E	2 000
32. C. S. Vestling, Instructor.....	E	2 000
33. R. C. Gore, Instructor.....	E50	1 100
(From Graduate School, Special Research Assistant.....	E50	750)
(Total salary.....		1 850)
34. W. A. Taebel, Instructor.....	E	2 000
35. S. T. Gross, Instructor.....	E	2 000
36. W. S. Emerson, Instructor.....	E	2 150
37. P. K. Glasoe, Instructor.....	E	2 000
38. D. C. Pease, Special Research Assistant.....	D	2 000
39. E. F. Rogers, Special Research Assistant.....	D	2 000
40. T. A. Geissman, 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 Chem. Testing.....		1 637)
(See Business Office.....		1 163)
(From Athletic Association.....		1 800)
(Total salary.....		5 100)
43. Betty Rapp, Assistant.....	E50	600
44. R. S. Egly, Assistant.....	E50	600
45. A. A. Albert, Assistant.....	E50	600
46. Eldred Welch, Assistant.....	E50	600
47. _____, Assistant.....	E50	600
48. E. M. Bottorff, Assistant.....	E50	600
49. R. O. Sauer, Assistant.....	E50	600
50. L. J. Dankert, Assistant.....	E50	600
51. V. A. Yarborough, Assistant.....	E33	400
52. C. R. Harmison, Assistant.....	E50	600
53. Nathan Kornblum, Assistant.....	E50	600
54. W. H. Rieger, Assistant.....	E50	600
55. W. H. Sharkey, Assistant.....	E50	600
56. E. O. Brimm, Assistant.....	E50	600
57. J. J. Denton, Assistant.....	E50	600
58. L. C. Behr, Assistant.....	E50	600
59. G. D. Jones, Assistant.....	E50	600
60. _____, Assistant.....	E50	600
61. J. W. Meier, Assistant.....	E50	600
62. Norman Rabjohn, Assistant.....	E50	600
63. D. E. Pearson, Assistant.....	E50	600
64. R. H. Hasek, Assistant.....	E50	600
65. _____, Assistant.....	E50	600
66. J. W. Shackleton, Assistant.....	E50	600
67. L. N. Whitehill, Assistant.....	E50	600
68. F. J. Wolf, Assistant.....	E50	600
69. S. P. Rowland, Assistant.....	E50	600
70. E. J. Bicek, Assistant.....	E50	600
71. Sydney Ross, Assistant.....	E50	600
72. R. J. Keirs, Assistant.....	E50	600
73. F. M. Rugg, Assistant.....	E50	600
74. Robert Rowan, Assistant.....	E50	600
75. W. J. Shannon, Assistant.....	E50	600

		<i>Salary</i>
76.	_____, Assistant.....	E50 600
77.	H. W. Bond, Assistant.....	E50 600
78.	A. E. Kott, Assistant.....	E50 600
79.	W. M. Shafer, Assistant.....	E50 600
80.	S. F. Kern, Assistant.....	E50 600
81.	James Harkema, Assistant.....	E50 600
82.	P. C. Markunas, Assistant.....	E50 600
83.	T. D. O'Brien, Assistant.....	E50 600
84.	A. R. Jensen, Assistant.....	E50 600
85.	W. H. Taylor, Assistant.....	E50 600
86.	R. J. Corruccini, Assistant.....	E50 600
87.	T. P. Moundres, Assistant.....	E50 600
88.	D. M. Fort, Assistant.....	E50 600
89.	_____, Assistant.....	E50 600
90.	_____, Assistant.....	E50 600
91.	W. M. Langdon, Assistant.....	E50 600
92.	H. E. Silcox, Assistant.....	E50 600
93.	_____, Assistant.....	E50 600
94.	_____, Assistant.....	E50 600
95.	A. H. Land, Assistant.....	E33 400
96.	_____, Assistant.....	E33 400
97.	Marian Kabler, Assistant.....	E33 400
98.	G. W. Cannon, Assistant.....	E33 400
99.	J. B. Work, Assistant.....	E33 400
100.	H. T. Iveson, Assistant.....	E33 400
101.	D. E. Burney, Assistant.....	E50 600
102.	A. W. Anderson, Assistant.....	E33 400
103.	L. A. Patterson, Assistant.....	E33 400
104.	Barbara Williamson, Assistant.....	E33 400
105.	G. F. Grillot, Assistant.....	E33 400
106.	Frederick Grosser, Jr., Assistant.....	E33 400
107.	Michael Witte, Assistant.....	E33 400
108.	W. J. Gross, Assistant.....	E33 400
109.	R. S. Long, Assistant.....	E50 600
110.	S. C. Kelton, Assistant.....	E50 600
111.	W. R. Manning, Assistant.....	E33 400
112.	S. B. Speck, Assistant.....	E33 400
113.	C. R. Keizer, Assistant.....	E33 400
114.	_____, Assistant.....	E33 400
115.	J. T. Clapp, Assistant.....	E33 400
116.	C. W. Beck, Assistant.....	E33 400
117.	C. F. Huber, Assistant.....	E33 400
118.	R. W. Stephenson, Assistant.....	E33 400
119.	M. L. Ward, Assistant.....	E33 400
120.	Elizabeth Weston, Assistant.....	E33 400
121.	Herbert Fineberg, Assistant.....	E33 400
122.	Richard Wearn, Assistant.....	E33 400
123.	J. M. Wilkinson, Assistant.....	E33 400
124.	Alvin Browdy, Assistant.....	E25 300
125.	S. W. Briggs, Assistant.....	E25 300
126.	_____, Assistant.....	E25 300
127.	I. B. Patberg, Assistant.....	E25 300
128.	R. J. Thorn, Assistant.....	E25 300
129.	_____, Assistant.....	E25 300
130.	F. J. Sprules, Assistant.....	E25 300
131.	J. R. Cummings, Assistant.....	E25 300
132.	R. G. Handrick, Assistant.....	E25 300
133.	L. B. Clapp, Assistant.....	E25 300
134.	G. W. Sears, Assistant.....	E25 300
135.	_____, Assistant.....	E25 300
136.	_____, Assistant.....	E25 300

137. Mrs. Edna V. Evans, Executive Clerk and Secretary to Head of Department (C.S.).....	D	2 500
138. Dorothy R. Aspern, Departmental Stenographer (C.S.).....	D	1 100
139. Milena Jandasek, Departmental Stenographer (C.S.).....	D	1 080
140. Blanche E. Lautz, Departmental Stenographer (C.S.).....	D90	970
(See College of Engineering.....)	D10	110)
(Total salary.....)		1 080)
141. Elizabeth Parker, Departmental Stenographer (C.S.).....	D	1 200
142. Ruth E. Wood, Departmental Stenographer (C.S.).....	D	1 080
143. C. F. Miller, Head Clerk (C.S.).....	D	2 260
144. Thomas Peel, Storekeeper (C.S.).....	D	1 630
145. Forrest Mock, Storekeeper (C.S.).....	D	1 600
146. M. T. Murrell, Laboratory Storekeeper (C.S.).....	D	1 600
147. C. E. Dalton, Laboratory Storekeeper (C.S.).....	D	1 600
148. S. A. Phillips, Laboratory Helper (C.S.).....	D	1 350
149. L. S. Kirby, Laboratory Storekeeper (C.S.).....	D	1 500
150. L. E. Tillotson, Laboratory Storekeeper (C.S.).....	D	1 500
151. C. M. Scott, Laboratory Storekeeper (C.S.).....	D	1 500
152. C. B. Dunn, Laboratory Helper (C.S.).....	D	1 440
153. E. N. Genung, Laboratory Helper (C.S.).....	D	1 300
154. Florence Alexander, Laboratory Helper (C.S.).....	D	960
155. L. E. Bailey, Laboratory Helper (C.S.).....	D	1 100
156. A. E. Wood, Mechanician (C.S.).....	D	2 000
157. _____, Mechanical Assistant (C.S.).....	D	1 350
158. C. W. Powers, Machinist (C.S.).....	D	1 700
159. L. G. Fauble, Microanalyst.....	D	1 500
Sub-total, Salaries.....		(225 425)
160. Wages.....	H	600
Total, Chemistry.....		\$226 025

Special Funds

Rockefeller Foundation for Amino Acid Research

1. E. E. Rice, Special Research Assistant.....	E	\$ 2 000
2. Madelyn Womack, Special Research Assistant.....	E	2 200
3. E. E. Howe, Special Research Assistant.....	E50	600
4. C. F. Kade, Special Research Assistant.....	E50	600
5. T. R. Wood, Special Research Assistant.....	E50	600
6. _____, Special Research Assistant.....	E50	500
7. L. O. Leenerts, Special Research Assistant.....	E50	500
8. D. T. Warner, Special Research Assistant.....	E50	500

Rockefeller Foundation for Spectroscopic Analysis of Water

1. J. R. Downing, Special Research Assistant.....	E50	500
2. R. L. Maycock, Special Research Assistant.....	E50	500
3. K. F. Krebs, Special Research Assistant.....	E50	600
4. I. T. Krohn, Special Research Assistant.....	E50	600

Rohm and Haas Company

1. E. H. Dobratz, Special Research Assistant.....	E50	650
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Organic Chemical Manufactures Funds

1. L. A. Brooks, Assistant.....	E50	600
2. R. W. Kell, Assistant.....	E33	400
3. J. F. Kaplan, Assistant.....	E25	300

Classics

1. W. A. Oldfather, Professor and Chairman of Classics Department.....	A	\$ 7 800
2. H. V. Canter, Professor.....	A	5 400
3. G. E. Mylonas, Professor of Classical Art and Archaeology... (See College of Fine and Applied Arts.....)	A33	1 834
(Total salary.....)	A67	3 666)
		5 500)

4. B. E. Perry, Associate Professor (On leave with full pay, first semester, 1939-1940).....	A	Salary 4 200
5. R. P. Oliver, Assistant.....	E50	700
6. Theodore Bedrick, Assistant.....	E50	700
7. _____, Research Assistant.....	D	1 800
Sub-total, Salaries.....		(22 434)
8. Wages.....	H	487
Total, Classics.....		\$ 22 921

English

1. H. N. Hillebrand, Professor and Head of Department.....	A	\$ 6 100
2. Ernest Bernbaum, Professor.....	A	6 500
3. W. J. Graham, Professor.....	A	5 000
4. G. T. Flom, Professor, <i>Emeritus</i>	A	2 308
5. H. G. Paul, Professor.....	A	5 000
6. T. W. Baldwin, Professor.....	A	5 800
7. E. C. Baldwin, Professor, <i>Emeritus</i>	A	1 970
8. H. S. V. Jones, Professor.....	A	5 250
9. B. L. Jefferson, Professor and Executive Secretary of Department (On leave, with full pay, for 6 months from Sept. 1, 1939).....	A	4 750
10. H. F. Fletcher, Professor.....	A	5 800
11. Henning Larsen, Professor.....	D	6 000
12. Mrs. Alta G. Saunders, Professor of Business English.....	A	4 000
(See Business Organization and Operation.....)	A	4 000
13. J. J. Parry, Professor.....	A	4 000
14. W. M. Parrish, Associate Professor of Speech.....	A	3 750
15. P. N. Landis, Associate Professor.....	A	4 250
16. R. B. Weirick, Associate Professor.....	A	3 350
17. A. W. Secord, Associate Professor (On leave with half pay for 1939-1940).....	A	3 600
18. C. R. Anderson, Associate Professor.....	A	3 200
19. Clarissa Rinaker, Assistant Professor.....	B	2 650
20. M. T. Herrick, Assistant Professor.....	B	3 200
21. Martha J. Kyle, Assistant Professor, <i>Emerita</i>	B	1 330
22. W. D. Templeman, Assistant Professor.....	B	3 050
23. Ruth Kelso, Assistant Professor.....	B	2 650
24. S. E. Glenn, Assistant Professor.....	B90	2 900
(See Administration.....)	D10	500
(Total salary.....)		3 400
25. M. S. Goldman, Assistant Professor.....	B67	2 000
(See Personnel Bureau.....)	D33	1 300
(Total salary.....)		3 300
26. K. A. Windesheim, Assistant Professor of Speech.....	B	3 100
27. Caroline F. Tupper, Assistant Professor.....	B	2 600
28. J. W. Swanson, Assistant Professor of Speech and Supervisor of Dramatic Productions.....	B	2 900
29. Garreta H. Busey, Associate.....	D	2 100
30. Mrs. Leah F. Trelease, Associate.....	D67	1 600
(See Personnel Bureau.....)	D33	1 100
(Total salary.....)		2 700
31. G. P. Haskell, Associate.....	D	2 400
32. Brice Harris, Associate.....	D	2 600
33. A. D. Huston, Associate.....	D75	1 600
(See University Extension.....)	E25	600
(Total salary.....)		2 200
34. Severina Nelson, Associate.....	D	2 500
35. C. W. Roberts, Instructor.....	E	2 100
36. E. R. Wasserman, Instructor.....	E	2 200
37. Margaret Bloom, Instructor.....	E	1 800
38. Cornelia P. Kelley, Instructor.....	E	2 000

		<i>Salary</i>
39. Mrs. Esther Rapp, Instructor.....	E	1 900
40. Margaret French, Instructor.....	E	2 000
41. W. G. Johnson, Instructor.....	E	2 100
42. D. R. Lang, Instructor.....	E	2 000
43. E. G. Mathews, Instructor.....	E	1 900
44. W. R. Moses, Instructor.....	E	1 800
45. L. H. Houtchens, Instructor.....	E	2 000
46. C. H. Shattuck, Instructor.....	E	1 900
47. L. C. Dolk, Instructor.....	E	1 900
48. Burton Milligan, Instructor.....	E	1 800
49. Richard Moody, Instructor in Speech.....	E	1 800
50. Dorothy Anderson, Instructor in Speech.....	E	1 800
51. _____, Instructor in Speech.....	E	1 800
52. Gibbon Butler, Assistant.....	E	1 540
53. Mildred Martin, Assistant.....	E	1 630
54. J. K. Quinn, Assistant.....	E	1 540
55. J. W. Scott, Assistant in Speech.....	E	1 500
56. J. A. Hamilton, Assistant.....	E	1 560
57. _____, Instructor.....	E	1 800
58. W. F. Ekstrom, Assistant.....	E	1 560
59. J. I. Owen, Assistant.....	E67	1 125
60. R. A. Sandberg, Assistant in Speech.....	E	1 450
61. R. B. Orlovich, Assistant.....	E	1 500
62. D. H. Kennedy, Assistant.....	E	1 450
63. R. J. Geist, Assistant.....	E	1 450
64. R. G. Hallwachs, Assistant.....	E	1 450
65. John Schacht, Assistant.....	E	1 500
66. J. W. Abel, Assistant in Speech.....	E	1 450
67. G. C. Camp, Assistant.....	E	1 500
68. D. F. Mulvihill, Assistant.....	E	1 540
69. F. W. Weeks, Assistant.....	E	1 450
70. C. W. Faulkner, Assistant.....	E	1 450
71. Willis Simons, Assistant.....	E	1 500
72. G. A. Rust, Assistant.....	E	1 500
73. F. J. Mosher, Assistant.....	E	1 500
74. _____, Assistant.....	E	1 450
75. S. F. Fogle, Assistant.....	E	1 450
76. W. M. Lowry, Assistant.....	E	1 500
77. K. G. Huntress, Assistant.....	E	1 450
78. George Scouffas, Assistant.....	E	1 450
79. T. A. Bledsoe, Assistant.....	E	1 450
80. J. N. Hook, Assistant.....	E	1 500
81. Alice Morrison, Assistant.....	E	1 500
82. Margaret P. McGlothlin, Assistant.....	E67	1 000
83. K. R. Andrews, Assistant.....	E	1 500
84. Howard Rovelstad, Assistant.....	E67	1 000
85. Louise E. Rorabacher, Assistant.....	E	1 500
86. R. H. Moore, Assistant.....	E67	1 000
87. Elizabeth Hosmer, Assistant.....	E67	1 000
88. Mrs. Edith S. Sweney, Assistant.....	E67	1 000
89. F. J. H. Kaler, Assistant.....	E67	1 000
90. D. K. Bruner, Assistant.....	E	1 500
91. J. L. Johnson, Assistant.....	E	1 500
92. O. J. Reamer, Assistant.....	E	1 500
93. E. G. Fisher, Assistant.....	E67	1 000
94. Margaret Wixsom, Assistant.....	E92	1 350
95. _____, Assistant.....	E	1 450
96. A. C. Ames, Assistant.....	E	1 500
97. B. P. Porzak, Assistant.....	E67	1 000
98. J. C. Bushman, Assistant.....	E67	1 000
99. Robert Bauer, Assistant.....	E67	1 000

100. John Lewis, Assistant (Paid from Item 17, and not included in total).....	E	Salary 1 500)
101. N. H. Cohen, Assistant in Speech (Salary under Radio Station).....	E25	.....
102. _____, Assistant.....	E33	500
103. Leonard Feinberg, Assistant.....	E67	1 000
104. Mrs. Mary K. Peer, Clerk and Stenographer (C.S.).....	D	1 500
105. Winifred Warner, Clerk and Stenographer (C.S.).....	D	1 020
106. Contingent.....		490
Sub-total, Salaries.....		(219 613)
107. Wages.....	H	1 000
Total, English.....		\$220 613

Entomology

1. C. L. Metcalf, Professor and Head of Department (On leave with full pay, second semester, 1939-1940).....	A	\$ 5 600
2. W. P. Hayes, Professor.....	A	4 300
3. W. V. Balduf, Associate Professor.....	A	3 650
4. V. G. Milum, Assistant Professor.....	B	3 200
5. _____, Instructor.....	D	1 800
6. H. F. Schoof, Assistant.....	E50	600
7. Robert Traub, Assistant.....	E50	600
8. Marjorie M. Jones, Junior Stenographer (C.S.).....	D	1 200
Sub-total, Salaries.....		(20 950)
9. Wages.....	H	400
Total, Entomology.....		\$ 21 350

French

1. J. F. Jackson, Professor and Head of Department.....	A	\$ 6 000
2. D. H. Carnahan, Professor.....	A	5 250
3. T. E. Oliver, Professor.....	A	4 600
4. S. F. Will, Professor.....	A	4 500
5. Arthur Hamilton, Associate Professor.....	A25	900
(See Spanish and Italian.....)	A75	2 706)
(Total salary.....)		3 600)
6. P. E. Jacob, Assistant Professor.....	B	3 200
7. C. C. Gullette, Assistant Professor.....	B	3 250
8. _____, Associate.....	D	2 400
9. C. W. Colman, Instructor.....	E	1 800
10. L. H. Bowen, Instructor.....	E	1 800
11. C. P. Viens, Instructor.....	E	1 800
12. E. P. Shaw, Instructor.....	E	1 800
13. J. H. Amiel, Assistant.....	E	1 540
14. John Alexander, Assistant.....	E	1 545
15. L. H. Bussard, Assistant.....	E	1 630
16. Angelina R. Pietrangeli, Assistant.....	E50	815
(See Spanish and Italian.....)	E50	815)
(Total salary.....)		1 630)
17. _____, Assistant.....	E50	770
18. Dorothy Ralph, Assistant.....	E50	700
19. Laurence Le Sage, Assistant.....	E75	1 000
20. Cordelia Reed, Assistant.....	E75	1 000
21. B. H. Mainous, Assistant.....	E50	600
22. J. F. Marshall, Assistant.....	E50	600
23. Mrs. Frances C. Foster, Stenographer (Student).....	E50	540
Total, French.....		\$ 48 040

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

		Salary
3. T. E. Savage, Professor, <i>Emeritus</i>		2 771
4. T. T. Quirk, Professor of Geology.....	A	4 350
5. W. O. Blanchard, Professor of Geography.....	A	4 050
6. F. P. Shepard, Professor of Geology (On leave without pay for second semester, 1939-1940).....	A	4 400
7. A. H. Sutton, Associate Professor of Geology.....	A	3 700
8. H. R. Wanless, Associate Professor of Geology.....	A	3 700
9. J. L. Page, Assistant Professor of Geography.....	B75	2 400
(See Personnel Bureau.....)	D25	1 100)
(Total salary.....)		3 500)
10. J. H. Burgy, Assistant Professor of Geography.....	B	2 800
11. H. W. Scott, Assistant Professor of Geology.....	B	3 000
12. C. A. Chapman, Associate in Geology.....	D	50
(Paid from Item 6, and not included in total.....)		2 050)
(Total salary.....)		2 100)
13. A. W. Booth, Instructor in Geography.....	E	1 900
14. R. E. Crist, Instructor in Geography.....	E	2 000
15. A. B. Cozzens, Instructor in Geography.....	E	1 900
16. R. P. Sharp, Instructor in Geology.....	E	1 900
17. C. L. Horberg, Instructor in Geology.....	E	1 800
18. H. E. Hoy, Assistant in Geography.....	E	1 600
19. R. C. Gutschick, Assistant in Geology.....	E50	600
20. J. E. Lewark, Assistant in Geology.....	E50	600
21. C. H. Summerson, Assistant in Geology.....	E50	600
22. Benjamin Grote, Assistant in Geology.....	E50	600
23. W. C. Lacy, Assistant in Geology.....	E50	600
24. R. V. Kesling, Assistant in Geology.....	E50	600
25. V. D. Winkler, Assistant in Geology.....	E50	600
26. D. A. Price, Assistant in Geography.....	E	1 400
27. R. S. Dietz, Assistant in Geology, Sem. I.....	F50	300
28. F. C. Osment, Assistant in Geology.....	E50	600
29. _____, Assistant in Geology.....	E25	300
30. Thelma J. Johnson, Stenographer (C.S.).....	D	1 400
Sub-total, Salaries.....		(60 166)
31. Wages.....	H	650
Total, Geology and Geography.....		\$ 60 816

German

1. A. W. Aron, Professor and Head of Department.....	A	\$ 6 150
2. N. C. Brooks, Professor, <i>Emeritus</i>		2 066
3. C. A. Williams, Professor.....	A	4 400
4. J. T. Geissendoerfer, Associate Professor.....	B	3 750
5. Daisy L. Blaisdell, Assistant Professor, <i>Emerita</i>		1 330
6. A. H. Koller, Assistant Professor.....	B	3 000
7. Mimi I. Jehle, Assistant Professor.....	B	2 600
8. Herbert Penzl, Assistant Professor.....	B	2 700
9. J. R. Frey, Associate.....	D	2 100
10. G. E. Giesecke, Instructor.....	E	2 000
11. C. W. Rechenbach, Instructor.....	E	1 800
12. W. E. Skidmore, Assistant.....	E75	1 050
13. C. F. Hennecke, Assistant.....	E50	700
14. G. G. Schmalz, Assistant.....	E50	700
15. J. W. Frey, Assistant.....	E50	700
16. Margaret Woodbridge, Assistant.....	E50	700
17. A. L. Shoemaker, Assistant.....	E50	700
18. _____, Assistant.....	E50	600
19. E. W. Goessling, Assistant.....	E50	600
20. _____, Assistant.....	E50	600
Sub-total, Salaries.....		(38 246)
21. Wages.....	H	350
Total, German.....		\$ 38 596

History

		<i>Salary</i>
1. W. S. Robertson, Professor and Head of the Department...	A	\$ 6 000
2. A. H. Lybyer, Professor.....	A	5 650
3. T. C. Pease, Professor.....	A	5 500
4. P. V. B. Jones, Professor.....	A	4 300
5. J. G. Randall, Professor.....	A	5 500
6. F. C. Dietz, Professor.....	A	4 900
7. J. W. Swain, Professor.....	A	4 350
8. F. S. Rodkey, Professor.....	A	4 200
9. F. A. Shannon, Associate Professor.....	B	4 000
10. Louise B. Dunbar, Assistant Professor.....	B	3 000
11. R. P. Stearns, Assistant Professor.....	B	3 200
12. R. C. Werner, Assistant Professor.....	B	3 000
13. E. L. Erickson, Assistant Professor.....	B	2 800
14. Mary L. Shay, Associate.....	B	2 400
15. C. E. Odegard, Instructor.....	E	2 200
16. Ameda R. King, Instructor.....	E	2 100
17. R. G. Bone, Instructor.....	E75	1 425
(See Personnel Bureau.....)	E25	775)
(Total salary.....)		2 200)
18. W. B. Munson, Assistant.....	E50	600
19. D. M. Young, Assistant.....	E50	600
20. J. H. Young, Assistant.....	E50	600
21. _____, Assistant.....	E25	300
22. _____, Clerk (C.S.).....	D50	540
<i>Sub-total, Salaries.....</i>		(67 165)
23. Wages.....	H	400
<i>Total, History.....</i>		\$ 67 565

Mathematics

1. A. B. Coble, Professor and Head of Department (On leave with full pay, first semester, 1939-1940).....	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. Arnold Emch, Professor, <i>Emeritus</i>		2 168
6. R. D. Carmichael, Professor.....	A	.....
(Salary under Graduate School)		
7. A. R. Crathorne, Professor.....	A	5 000
8. H. R. Brahana, Professor.....	A	5 000
9. W. J. Trjitzinsky, Professor.....	A	5 000
10. Olive C. Hazlett, Associate Professor.....	A	3 500
11. Reinhold Baer, Associate Professor.....	B	4 000
12. H. W. Bailey, Assistant Professor.....	B20	900
(See Personnel Bureau.....)	B80	3 600)
(Total salary.....)		4 500)
13. Harry Levy, Assistant Professor.....	B	2 900
14. D. G. Bourgin, Assistant Professor.....	B	3 000
15. P. W. Ketchum, Assistant Professor.....	B	3 100
16. J. L. Doob, Assistant Professor.....	B	3 000
17. L. L. Steimley, Associate.....	B	2 800
18. Echo D. Pepper, Associate.....	B75	2 025
(See Personnel Bureau.....)	D25	975)
(Total salary.....)		3 000)
19. Beulah M. Armstrong, Associate.....	B	2 500
20. V. A. Hoersch, Associate.....	B	2 400
21. Wilfrid Wilson, Associate.....	B	2 400
22. G. E. Moore, Associate.....	B	2 900
23. H. J. Miles, Associate.....	B	2 500
24. C. W. Mendel, Associate.....	D	2 500
25. R. S. Martin, Associate.....	D	2 400

		<i>Salary</i>
26. Josephine H. Chanler, Associate.....	B	2 100
27. _____, Associate ¹	D	2 400
27a. C. W. Topp, Assistant (Paid from Item 27.....	E40	600)
27b. R. A. Beaumont, Assistant (Paid from Item 27.....	E40	600)
28. _____, Associate ¹	D	2 400
28a. Nathan Goldman, Assistant (Paid from Item 28.....	E40	600)
28b. Benjamin Epstein, Assistant (Paid from Item 28.....	E40	600)
29. J. W. Peters, Instructor.....	E	2 300
30. O. K. Bower, Instructor.....	E	2 100
31. Leonard Bristow, Instructor.....	E	2 100
32. W. S. Turpin, Instructor.....	E	1 800
33. H. E. Vaughan, Instructor.....	E	2 000
34. E. L. Welker, Instructor.....	E	1 800
35. I. M. Niven, Instructor.....	E	2 000
36. Olaf Helmer, Instructor.....	E	2 000
37. D. W. Starr, Assistant.....	E50	750
38. D. E. Kibbey, Assistant.....	E50	750
39. G. W. James, Assistant.....	E40	600
40. W. A. Ferguson, Assistant.....	E40	600
41. H. F. Gingerich, Assistant.....	E40	600
42. R. L. Calvert, Assistant.....	E40	600
43. J. F. Heyda, Assistant.....	E40	600
44. Margaret M. Hansman, Assistant.....	E50	750
45. P. W. Carruth, Assistant.....	E40	600
46. T. E. Judd, Assistant.....	E40	600
47. K. V. Knight, Assistant.....	E40	600
48. C. F. Strobel, Assistant.....	E50	750
49. W. H. Spragens, Assistant.....	E40	600
50. K. L. Nielsen, Assistant.....	E50	750
51. R. S. Pate, Assistant.....	E40	600
52. R. A. Miller, Assistant.....	E50	750
53. F. M. Pulliam, Assistant.....	E33	500
54. P. E. Lewis, Assistant.....	E50	750
55. F. E. Hohn, Assistant.....	E50	750
56. Lois Kiefer, Assistant.....	E40	600
57. E. E. Blanche, Assistant.....	E40	600
58. _____, Assistant.....	E33	500
59. C. W. Mathews, Assistant.....	E33	500
60. _____, Assistant.....	E66	1 000
61. Mrs. Mary P. Walls, Senior Stenographer (C.S.).....	D	1 600
<i>Sub-total, Salaries</i>		(117 502)
62. Wages.....	H	50
<i>Total, Mathematics</i>		\$117 552

Philosophy

1. A. E. Murphy, Professor and Head of Department.....	A	\$ 6 500
2. A. H. Daniels, Professor, <i>Emeritus</i>		3 000
(See President's Office.....		1 954)
(Total salary.....		4 954)
3. M. T. McClure, Professor.....	A	.....
(Salary under L.A.S. Administration)		
4. _____, Professor.....	A	5 000
5. D. W. Gotshalk, Associate Professor.....	A	4 000
6. J. A. Nicholson, Associate Professor.....	A	3 500
7. O. A. Kubitz, Associate.....	D	2 500
8. F. L. Will, Instructor.....	E	2 200
9. W. C. Barrett, Instructor.....	E	1 800
<i>Total, Philosophy</i>		\$ 28 500

¹These positions may be filled by part-time assistants for 1939-1940 only.

Physiology

		<i>Salary</i>
1. W. E. Burge, Associate Professor.....	A	\$ 3 600
2. F. R. Steggerda, Assistant Professor.....	B	3 300
(Secretary of the Department, charged to Liberal Arts and Science Contingent Fund, and not included in total	D	200)
(Total salary.....)		3 500)
3. W. P. Elhardt, Instructor.....	E	2 300
4. G. C. Wickwire, Instructor.....	E	2 170
5. A. B. Taylor, Instructor.....	E	2 200
6. S. W. Gray, Instructor.....	E	1 500
7. L. E. Moses, Assistant.....	E	1 500
8. Ruth T. Krouse, Assistant.....	E	1 500
9. D. F. Moorehead, Laboratory Helper (C.S.).....	D	900
10. R. L. Davis, Laboratory Helper, <i>Retired</i> (C.S.).....		353
<i>Sub-total, Salaries.....</i>		(19 323)
11. Wages.....	H	750
<i>Total, Physiology.....</i>		\$ 20 073

Political Science

1. J. A. Fairlie, Professor and Head of Department.....	A	\$ 6 500
2. J. M. Mathews, Professor.....	A	5 500
3. C. A. Berdahl, Professor (On leave with full pay, second semester, 1939-1940).....	A	5 500
4. C. M. Kneier, Professor.....	A	5 500
5. F. G. Wilson, Associate Professor.....	B	4 200
6. C. B. Hagan, Assistant Professor.....	B	2 750
7. Valentine Jobst, Associate.....	D	2 500
8. C. F. Snider, Associate.....	D	2 500
9. D. O. Walter, Instructor.....	E	2 000
10. M. Q. Sibley, Instructor.....	E	2 000
11. G. G. Lentz, Instructor.....	E	1 800
12. H. G. Mellman, Assistant.....	E50	600
13. _____, Assistant, Sem. II.....	F50	300
14. _____, Stenographer, Student.....	D50	540
<i>Sub-total, Salaries.....</i>		(42 190)
15. Wages.....	H	200
<i>Total, Political Science.....</i>		\$ 42 390

Psychology

1. Herbert Woodrow, Professor and Head of Department.....	A	\$ 5 600
2. P. T. Young, Professor (On leave with half pay for 1939-1940).....	A	4 250
3. A. W. Brown, Associate Professor (Without salary).....	A	.....
4. G. D. Higginson, Associate Professor.....	A	3 500
5. L. A. Pennington, Assistant Professor.....	D	3 000
6. H. H. Anderson, Assistant Professor.....	B	3 250
7. D. D. Feder, Assistant Professor.....	B	.....
(Salary under Personnel Bureau)		
8. T. W. Harrell, Assistant Professor.....	D	2 500
9. H. B. Carlson, Associate.....	D	2 200
10. W. G. McAllister, Associate.....	B	2 600
11. L. M. Hanks, Jr., Associate.....	D	2 000
12. L. L. McQuitty, Instructor.....	E	2 000
13. _____, Instructor (Paid from Item 2 and not in- cluded in total.....)	E	2 000)
14. _____, Instructor.....	E	1 800
15. R. P. Larsen, Instructor.....	E	.....
(Salary under Personnel Bureau)		
16. L. N. Wiley, Assistant.....	E	1 200
17. W. F. Thomas, Assistant.....	E50	600

		<i>Salary</i>
18. W. A. Hunter, Demonstrator.....	E50	600
19. _____, Clerk and Stenographer (C.S.).....	D	1 020
<i>Sub-total, Salaries</i>		(36 120)
20. Wages.....	H	350
<i>Total, Psychology</i>		<u>\$ 36 470</u>

Social Administration

1. B. F. Timmons, Chairman of the Committee on the Social Administration Curriculum.....	D15	\$ 500
(See Sociology.....)	B85	3 400)
(Total salary.....)		3 900)
2. _____, Assistant Professor.....	D	3 000
3. _____, Assistant Professor.....	D	3 000
4. Stenographer and Clerk (C.S.).....	D	1 200
<i>Total, Social Administration</i>		<u>\$ 7 700</u>

Sociology

1. _____, Professor and Head of Department.....		\$ 6 000
2. D. R. Taft, Professor.....	A	4 475
3. E. T. Hiller, Professor.....	A	4 600
4. J. W. Albig, Associate Professor.....	A	3 700
(Executive Secretary, paid out of Item 1, until further notice.....)	F	300)
(Total salary.....)		4 000)
5. B. F. Timmons, Associate Professor.....	B85	3 400
(See Social Administration.....)	D15	500)
(Total salary.....)		3 900)
6. D. E. Lindstrom, Associate Professor of Rural Sociology.....		.....
(See Agricultural Economics.....)	D	3 700)
7. W. R. Tylor, Assistant Professor.....	B	3 250
8. E. A. Ahrens, Associate.....	D	2 300
9. J. E. Hulett, Jr., Instructor.....	E	2 000
10. A. V. Houghton, Assistant.....	E50	700
<i>Sub-total, Salaries</i>		(30 425)
11. Wages.....	H	600
<i>Total, Sociology</i>		<u>\$ 31 025</u>

Spanish and Italian

1. John Van Horne, Professor and Head of Department.....	A	\$ 5 000
2. Arthur Hamilton, Associate Professor.....	A75	2 700
(See French Department.....)	A25	900)
(Total salary.....)		3 600)
3. _____, Instructor.....	E	1 800
4. J. H. Elsdon, Instructor.....	E	1 800
5. Angelina R. Pietrangeli, Assistant.....	E50	815
(See French Department.....)	E50	815)
(Total salary.....)		1 630)
6. R. R. Bushart, Assistant.....	E	1 400
7. J. S. Flores, Assistant.....	E	1 400
8. Edith L. Johnston, Assistant.....	E	1 200
9. Renato Rosaldo, Assistant.....	E	1 200
10. E. E. Howard, Assistant.....	E75	900
11. Fletcher Metcalfe, Assistant.....	E50	600
12. Lucille Henry, Assistant.....	E50	600
13. Lillian Rommel, Assistant.....	E50	600
14. _____, Stenographer.....	E50	450
<i>Total, Spanish and Italian</i>		<u>\$ 20 465</u>

Zoology

		<i>Salary</i>
1. _____, Professor and Head of Department.....	A	\$ 7 500
2. Charles Zeleny, Research Professor.....	A50	3 000
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	5 600
Acting Head of Department (Charged to Item 1.....	D	500)
(Total salary.....		6 100)
6. H. J. Van Cleave, Professor (On leave with full pay, second semester, 1939-1940).....	A	5 500
7. Waldo Shumway, Professor.....	A	5 000
8. L. A. Adams, Professor.....	A 8	300
(See Natural History Museum.....	A92	3 700)
(Total salary.....		4 000)
9. R. R. Kudo, Associate Professor.....	A	4 000
10. F. B. Adamstone, Associate Professor.....	B	3 400
11. C. L. Prosser, Assistant Professor.....	B	3 000
12. L. J. Thomas, Assistant Professor.....	B	3 160
13. S. C. Kendeigh, Assistant Professor.....	B	3 000
14. B. V. Hall, Assistant Professor.....	B	3 000
15. W. M. Luce, Associate.....	B	2 800
16. Lester Ingle, Associate.....	D75	1 575
(See Personnel Bureau.....	D25	825)
(Total salary.....		2 400)
17. T. W. Robinson, Instructor.....	E	1 900
18. H. B. Chase, Instructor.....	E	1 800
19. _____, Instructor.....	E	1 800
20. C. C. Hoff, Assistant.....	E50	600
21. R. W. Fautin, Assistant.....	E50	600
22. N. B. Heyrend, Assistant.....	E50	600
23. Karl Pomrenke, Assistant.....	E50	600
24. P. V. Gustafson, Assistant.....	E50	600
25. T. W. Roberts, Assistant.....	E50	600
26. R. D. Lowell, Assistant.....	E50	600
27. C. E. Luckman, Assistant.....	E50	600
28. Martha R. Barnes, Assistant.....	E50	600
29. Jane Claire Dirks, Assistant.....	E50	600
30. Victor Sprague, Assistant.....	E50	600
31. H. W. Cumings, Assistant.....	E50	600
32. J. M. Speirs, Assistant.....	E25	300
33. Marian F. James, Assistant.....	E25	300
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.).....		1 400
37. _____, Research Assistant.....	D50	600
38. George Svihla, Research Assistant.....	E50	600
<i>Sub-total, Salaries</i>		(76 245)
39. Wages.....	H	1 113
<i>Total, Zoology</i>		\$ 77 358

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. L. A. Adams, Curator.....	A92	\$ 3 700
(See Zoology.....	A 8	300)
(Total salary.....		4 000)

		<i>Salary</i>
2. F. C. Baker, Curator, <i>Emeritus</i>		1 722
<i>Sub-total, Salaries</i>		(5 422)
3. Wages.....	H	500
<i>Total, Museum of Natural History</i>		\$ 5 922

SCHOOL OF JOURNALISM

1. L. W. Murphy, Director.....	D	\$
Professor.....	A	5 500
2. R. R. Barlow, Professor.....	A	4 300
3. O. C. Leiter, Associate Professor.....	A	3 900
4. F. S. Siebert, Associate Professor.....	A	3 900
5. J. F. Wright, Associate Professor.....	A	.....
(Salary under Public Information and Radio Station)		
6. B. S. Dickinson, Assistant Professor (On leave without pay for 1939-1940).....	D	2 750
7. _____, Assistant Professor (Paid from Item 6, and not included in total.....	D	2 750)
8. M. D. Seil, Associate.....	D	2 300
9. N. H. Shere, Instructor.....	E	2 700
10. C. E. Flynn, Instructor, and Assistant to Director.....	E	2 200
11. F. E. Schooley, Instructor.....	E25	770
(See Public Information.....	D25	715)
(See Radio Station.....	D50	1 515)
(Total salary.....		3 000)
12. C. R. Frederick, Instructor.....	E12	.....
(Salary under Division of Student Housing)		
13. _____, Instructor.....	E50	1 000
14. A. R. Wildhagen, Assistant in Press Photography.....	E25	.....
(Salary under Public Information)		
15. Martha S. Alexander, Graduate Stenographer (C.S.).....	D	1 500
<i>Sub-total, Salaries</i>		(30 820)
16. Wages.....	H	850
<i>Total, School of Journalism</i>		\$ 31 670

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 17 192	\$ 5 000	\$ 22 192
Business Organization and Operation.....	107 218	.....¹	107 218
Economics.....	104 583	.....¹	104 583
<i>Sub-total</i>	(228 993)	(5 000)	(233 993)
Bureau of Business Research.....	10 320	2 500	12 820
<i>Total</i>	\$239 313	\$7 500	\$246 813

Expendable Endowment Income and Gift Funds

Instruction (Endowment Income)²

W. B. McKinley Public Utility Economics Professorship.....	\$3 300	\$3 300
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Special Research (Gift Funds)²

Public Utility Economics.....	1 500	1 500
Sears Roebuck and Co. Research Scholarship..	500	500
<i>Sub-total</i>	(2 000)	.....	(2 000)
<i>Total</i>	\$5 300	.....	\$5 300

¹Included under Administration.²Estimated.

Administration

		<i>Salary</i>
1. C. M. Thompson, Dean of the College and Director of the Bureau of Business Research.....	B	\$4 950
(McKinley Professor of the Economics of Public Utilities	A	3 300) ¹
(Total salary.....)		8 250)
2. C. F. Schlatter, Associate Dean.....	D25	1 312
(See Business Organization and Operation.....)	A75	3 938)
(Total salary.....)		5 250)
3. R. P. Hackett, Assistant Dean.....	D50	1 750
(See Business Organization and Operation.....)	B50	1 750)
(Total salary.....)		3 500)
4. W. C. Robb, Assistant to the Dean.....	D50	1 750
(See Economics.....)	B50	1 750)
(Total salary.....)		3 500)
5. Freda F. Walker, Chief Clerk (Exempt).....	D	2 400
6. Mrs. Irma A. Brand, Stenographer (C.S.).....	D	1 200
7. Evelyn Gehrke, Stenographer (C.S.).....	D	1 020
8. C. Ruth McNary, Typist (C.S.).....	D	1 200
9. Mrs. Ruth Matlock, Stenographer (C.S.).....	D	1 260
<i>Sub-total, Salaries.....</i>		(16 842)
10. Wages.....	H	350
<i>Total, Administration.....</i>		\$ 17 192

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 (On leave second semester, 1939-1940, with full pay).....	A	4 700
6. A. C. Littleton, Professor of Accountancy.....	A55	3 100
(See Bureau of Business Research.....)	D45	2 200)
(Total salary.....)		5 300)
7. A. G. Anderson, Professor of Business Organization and Operation.....	A	4 700
8. C. F. Schlatter, Professor of Accountancy.....	A75	3 938
(See Administration.....)	D25	1 312)
(Total salary.....)		5 250)
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. Bailly, Associate Professor of Accountancy.....	A	3 700
13. R. P. Hackett, Assistant Professor of Accountancy.....	B50	1 750
(See Administration.....)	D50	1 750)
(Total salary.....)		3 500)
14. H. W. Huegy, Assistant Professor of Business Organization and Operation.....	B	3 000
15. H. L. Newcomer, Assistant Professor of Accountancy.....	B	3 000
16. F. H. Beach, Assistant Professor of Business Organization and Operation.....	B	3 050
17. W. F. Frese, Assistant Professor of Accountancy.....	B	2 700
18. C. C. Curtis, Assistant Professor of Business Law.....	B	3 000
19. H. M. Edwards, Assistant Professor of Business Organization and Operation.....	D17	450
(See Business Office.....)	D83	5 150)
(Total salary.....)		5 600)

¹Estimate to be adjusted to actual income realized.

		<i>Salary</i>
20. M. J. Mandeville, Associate in Business Organization and Operation.....	B	2 700
21. F. M. Jones, Associate in Business Organization and Operation.....	B	2 400
22. P. C. Roberts, Associate in Business Law.....	B	2 300
23. C. A. Moyer, Associate in Accountancy.....	B	2 300
24. J. W. McMahan, Instructor in Accountancy.....	E	1 700
25. W. E. Campbell, Instructor in Accountancy.....	E	1 700
26. L. M. Kessler, Instructor in Accountancy.....	E	1 800
27. C. J. Gaa, Instructor in Accountancy.....	E	1 800
28. ———, Instructor in Accountancy.....	E	1 800
29. ———, Instructor in Business Organization and Operation.....	E	1 800
30. R. V. Mitchell, Instructor in Business Organization and Operation.....	E	1 800
31. ———, Assistant in Business Organization and Operation.....	E	1 500
32. C. P. Slater, Assistant in Accountancy.....	E	1 500
33. H. E. Breen, Assistant in Accountancy.....	E	1 600
34. E. J. Kirkham, Assistant in Accountancy.....	E	1 500
35. D. K. Griffith, Assistant in Accountancy.....	E	1 400
36. N. D. Wakefield, Assistant in Accountancy.....	E	1 500
37. ———, Assistant in Business Law.....	E	1 500
38. R. K. Mautz, Assistant in Accountancy.....	E	1 300
39. J. M. Carrithers, Assistant in Accountancy.....	E75	900
40. M. N. Broussard, Assistant in Accountancy.....	E75	900
41. J. R. Taylor, Assistant in Accountancy.....	E75	900
42. ———, Assistant in Accountancy.....	E75	900
43. ———, Assistant in Accountancy.....	E50	600
44. C. C. DeLong, Assistant in Accountancy.....	D10	250
(See Business Office.....)	D80	1 800)
(See Accountancy Committee.....)	D10	200)
(Total salary.....)		2 250)
45. ———, Stenographer (C.S.).....	D	1 080
<i>Total, Business Organization and Operation.....</i>		<u>\$107 218</u>

Economics

1. M. H. Hunter, Professor and Head of Department.....	A	\$ 6 000
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 Public Utilities.....	A	.....
(Salary under Administration)		
6. Simon Litman, Professor.....	A	6 000
7. ———, Professor.....	A	5 000
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	4 250
12. P. H. Brown, Associate Professor.....	A	3 800
13. F. G. Dickinson, Associate Professor.....	B	3 600
14. W. A. Neiswanger, Assistant Professor.....	B	4 000
15. Edmund Whittaker, Assistant Professor.....	B	3 800
16. H. K. Allen, Assistant Professor.....	B	3 500
17. P. M. Green, Assistant Professor.....	B	3 500
18. R. M. Nolen, Assistant Professor.....	B	3 500
19. R. H. Blodgett, Assistant Professor.....	B	3 500

		<i>Salary</i>
20. D. L. Kemmerer, Assistant Professor.....	B	3 000
21. W. C. Robb, Assistant Professor.....	B50	1 750
(See Administration.....)	D50	1 750)
(Total salary.....)		3 500)
22. D. H. Hoover, Associate.....	B	2 350
23. W. B. Lockling, Associate.....	D	2 400
24. Floyd Haworth, Associate.....	D	2 500
25. P. M. Van Arsdell, Associate.....	D	2 500
26. Janet L. Weston, Associate.....	D	2 200
27. J. J. Carney, Jr., Instructor.....	E	1 800
28. H. F. Underhill, Instructor.....	E	1 800
29. H. A. Stadthagen, Instructor.....	E	1 800
30. Catherine G. Ruggles, Instructor.....	E	2 000
31. C. M. Elliott, Assistant.....	E75	1 050
32. H. C. Carr, Assistant.....	E50	700
33. Roscoe Giffin, Assistant.....	E50	700
34. G. C. Losee, Assistant.....	E50	700
35. J. D. Morgan, Assistant.....	E50	700
36. Frances M. Whitehead, Assistant.....	E50	700
37. L. M. Pritchard, Assistant.....	E50	700
38. Mortimer Andron, Assistant.....	E50	700
39. W. L. Leavitt, Assistant.....	E50	700
40. R. C. Krapf, Assistant.....	E50	700
41. Mrs. Leona Alexander, Stenographer (C.S.).....	D	1 260
<i>Total, Economics.....</i>		<u>\$104 583</u>

Bureau of Business Research

1. C. M. Thompson, Director.....	B	.....
(Salary under Administration)		
2. A. C. Littleton, Assistant Director.....	D45	\$ 2 200
(See Business Organization and Operation.....)	A55	3 100)
(Total salary.....)		5 300)
3. Florence L. White, Assistant.....	E	1 500
4. Mrs. Hilda R. Stice, Assistant.....	D	1 360
5. L. L. Thomas, Assistant in Research.....	E50	600
6. _____, Assistant.....	E50	600
7. _____, Assistant.....	E50	600
8. _____, Stenographer (C.S.).....	D	960
<i>Sub-total, Salaries.....</i>		(7 820)
9. Wages.....	H	2 500
<i>Total, Bureau of Business Research.....</i>		<u>\$ 10 320</u>

COLLEGE OF EDUCATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$12 550	\$2 200	\$14 750
Appointments Committee.....	5 000	1 640	6 640
Education.....	60 875	500	61 375
Supervision and High School Instruction.....	67 730	4 563	72 293
Smith-Hughes:			
Agricultural Education.....	13 060	1 325	14 385
Home Economics Education.....	5 680	210	5 890
Industrial Education.....	13 332	1 600	14 932
<i>Total, Smith-Hughes.....</i>	(32 072)	(3 135)	(35 207)
<i>Sub-total.....</i>	(178 227)	(12 038)	(190 265)
Bureau of Educational Research.....	9 000	650	9 650
<i>Total.....</i>	<u>\$187 227</u>	<u>\$12 688</u>	<u>\$199 915</u>

Administration

		<i>Salary</i>
1. T. E. Benner, Dean.....	B	\$ 8 250
Professor of Education.....	A	.....
2. Lillian Hart, Executive Clerk (Exempt).....	D80	2 020
(See Summer Session.....)	D20	480)
(Total salary.....)		2 500)
3. Frances Patton, Stenographer (C.S.).....	D60	880
(See Summer Session.....)	D40	500)
(Total salary.....)		1 380)
4. Mrs. Constance H. Edmundson, Stenographer (C.S.).....	D	1 200
<i>Sub-total, Salaries.....</i>		(12 350)
5. Wages.....	H	200
<i>Total, Administration.....</i>		\$ 12 550

Appointments Committee

1. L. W. Williams, Secretary for the Appointments Committee..	D75	\$ 2 500
(See Education.....)	B25	800)
(Total salary.....)		3 300)
2. _____, Chief Clerk (C.S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(4 000)
3. Wages.....	H	1 000
<i>Total, Appointments Committee.....</i>		\$ 5 000

Education

1. T. E. Benner, Professor.....	A	.....
Dean.....	B	.....
(Salary under Administration)		
2. _____, Professor.....	A	\$ 4 250
3. W. S. Monroe, Professor.....	A	.....
(See Bureau of Educational Research.....)	D	5 700)
4. J. A. Clement, Professor.....	A	4 900
5. R. F. Seybolt, Professor of History of Education.....	A	5 500
6. C. R. Griffith, Professor (On leave with full pay for first semester, 1939-1940).....	A25	1 625
(See Bureau of Institutional Research.....)	D75	4 875)
(Total salary.....)		6 500)
7. E. H. Reeder, Professor.....	A	4 500
8. O. F. Weber, Professor.....	A	4 250
9. C. W. Odell, Associate Professor.....	A	3 300
10. B. O. Smith, Associate Professor.....	A	4 500
11. E. F. Potthoff, Associate Professor.....	A11	500
(See Provost's Office.....)	D89	4 000)
(Total salary.....)		4 500)
12. R. G. Barker, Assistant Professor (On leave for 75% of time without pay, 1939-1940; to be paid \$900 for 25% time in 1939-1940 devoted to extramural work).....	B	3 400
13. E. W. Dolch, Assistant Professor.....	B	3 000
14. G. W. Reagan, Assistant Professor.....	B	3 300
15. Mrs. Nell C. B. Johnston, Assistant Professor.....	B	3 200
16. R. B. Browne, Assistant Professor.....	B20	1 000
(See University Extension.....)	D68	3 500)
(See Summer Session.....)	D12	750)
(Total salary.....)		5 250)
17. F. H. Finch, Assistant Professor.....	B	3 500
18. L. W. Williams, Assistant Professor.....	B25	800
(See Appointments Committee.....)	D75	2 500)
(Total salary.....)		3 300)
19. C. W. Sanford, Assistant Professor.....	B	.....
(See Supervision and High School Instruction.....)	D	4 000)

		<i>Salary</i>
20. William Habberton, Assistant Professor.....	B	.....
(See Supervision and High School Instruction.....)	D	3 500)
21. Liesette J. McHarry, Assistant Professor.....	B	.....
(See Supervision and High School Instruction.....)	D	3 000)
22. W. E. Harnish, Assistant Professor.....	B	.....
(See Supervision and High School Instruction.....)	D	3 000)
23. G. M. Blair, Associate.....	D	2 700
24. _____, Instructor (to coordinate educational prac-		
tice).....	E75	2 200
25. _____, Instructor (Paid from Item 12, and not in-		
cluded in total.....)	E	2 200)
26. L. A. Astell, Instructor.....	E	.....
(See Supervision and High School Instruction.....)	E75	1 800)
(See University Extension.....)	E25	600)
(Total salary.....)		2 400)
27. G. C. Kettelkamp, Instructor.....	E	.....
(See Supervision and High School Instruction.....)	E	2 300)
28. M. C. Hartley, Instructor.....	E	.....
(See Supervision and High School Instruction.....)	E	2 100)
29. Mrs. Mabel R. Hagan, Instructor.....	E	.....
(See Supervision and High School Instruction.....)	E	2 000)
30. _____, Instructor.....	E	2 200
31. _____, Instructor.....	E	1 900
<i>Sub-total, Salaries.....</i>		(60 525)
32. Wages.....	H	350
<i>Total, Education.....</i>		<u>\$ 60 875</u>

Supervision and High School Instruction

1. C. W. Sanford, Principal of University High School.....	D	\$ 4 000
Assistant Professor of Education.....	B	.....
2. M. R. Goodson, Assistant Principal of University High School	E	2 000
3. William Habberton, Assistant Professor of Education and		
Head of the Department of Social Studies in University	B	3 500
High School.....	B	.....
4. Liesette J. McHarry, Assistant Professor of Education.....		
Head of the Department of English in University High	D	3 000
School.....	B	.....
5. W. E. Harnish, Assistant Professor of Education.....		
Head of the Department of Science in University High	D	3 000
School.....	D50	1 600
6. C. O. Jackson, Assistant Professor of Physical Education...	D50	1 600)
(See School of Physical Education.....)		3 200)
(Total salary.....)		1 950
7. H. M. Kauffman, Assistant Professor of Music Education...	D75	650)
(See School of Music.....)	D25	2 600)
(Total salary.....)		1 500
8. Mary F. Lawson, Assistant Professor of Physical Education..	D50	1 500)
(See School of Physical Education.....)		3 000)
(Total salary.....)		1 200
9. Velma I. Kitchell, Associate in Music Education.....	D50	1 200)
(See School of Music.....)		2 400)
(Total salary.....)		
10. L. A. Astell, Instructor in Education and Teacher in Univer-		
sity High School.....	E75	1 800
(See University Extension.....)	E25	600)
(Total salary.....)		2 400)
11. G. C. Kettelkamp, Instructor in Education and Head of the		
Department of Foreign Languages in University High	E	2 300
School.....		
12. M. C. Hartley, Instructor in Education and Teacher in Uni-		
versity High School.....	E	2 100

13. Mrs. Mabel R. Hagan, Instructor in Education and Teacher in University High School.....	E	2 000
14. W. O. Alstrom, Teacher.....	E	2 200
15. Marian W. Marshall, Teacher.....	E	2 100
16. Pauline E. Changnon, Teacher.....	E	2 000
17. Evalene V. Kramer, Librarian (C.S.).....	E	1 900
18. Henrietta P. Terry, Teacher.....	E	1 900
19. Mrs. Frances D. Wilson, Teacher.....	E	1 850
20. A. E. Katra, Teacher.....	E	1 800
21. Mrs. Beryl I. Hess, Teacher.....	E	1 800
22. _____, Teacher.....	E	1 800
23. Marie J. Boysen, Teacher.....	E	1 720
24. _____, Teacher.....	E	1 800
25. M. Louise Zilly, Teacher.....	E50	950
26. Elaine R. Engstrom, Teacher.....	E50	700
27. Mary L. Dilworth, Teacher.....	E50	700
28. B. T. Baird, Teacher.....	E50	700
29. _____, Teacher.....	E50	700
30. _____, Teacher.....	E50	800
31. _____, Teacher.....	E25	400
32. _____, Teacher.....	E25	400
33. Cooperating Teachers and Assistants.....	H	9 000
34. Kathryn G. Hansen, Stenographer and Clerk (C.S.).....	D	1 400
35. Constance C. Spadaro, Stenographer (C.S.).....	D	960
Sub-total, Salaries.....		(67 530)
36. Wages.....	H	200
Total, Supervision and High School Instruction.....		\$ 67 730

Agricultural Education

1. H. M. Hamlin, Professor.....	A	\$ 5 000
2. A. W. Nolan, Associate Professor.....	A	4 400
3. H. J. Rucker, Instructor.....	D50	935
(From Board of Education, St. Joseph, Illinois.....)	D50	1 335)
(Total salary.....)		2 270)
4. N. B. McClure, Instructor.....	D50	925
(From Board of Education, Tolono, Illinois.....)	D50	1 325)
(Total salary.....)		2 250)
5. _____, Instructor.....	D38	1 200
Sub-total, Salaries.....		(12 460)
6. Wages.....	H	600
Total, Agricultural Education.....		\$ 13 060

Home Economics Education

1. Anna Belle Robinson, Associate.....	D	\$ 2 530
2. Marianna E. Dickie, Instructor.....	E	2 200
3. Dorothea C. Siebert, Instructor.....	E50	900
(See Home Economics.....)	E50	900)
(Total salary.....)		1 800)
Sub-total, Salaries.....		(5 630)
4. Wages.....	H	50
Total, Home Economics Education.....		\$ 5 680

Industrial Education

1. A. B. Mays, Professor.....	A	\$ 4 700
2. A. F. Dodge, Associate Professor.....	A	4 200
3. M. K. Humble, Assistant Professor.....	B	3 000
4. H. H. Braucher, Associate, <i>Emeritus</i>		1 132
Sub-total, Salaries.....		(13 032)
5. Wages.....	H	300
Total, Industrial Education.....		\$ 13 332

Bureau of Educational Research

1. W. S. Monroe, Director.....	D	<i>Salary</i> \$ 5 700
(See Education.....)	A)
2. Arlyn Marks, Research Assistant.....	D	1 800
3. Beulah J. Houston, Clerk (C.S.).....	D	1 200
<i>Sub-total, Salaries.....</i>		(8 700)
4. Wages.....	H	300
<i>Total, Bureau of Educational Research.....</i>		<u>\$ 9 000</u>

**COLLEGE OF ENGINEERING AND ENGINEERING
EXPERIMENT STATION****Summary**

College:	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$14 005	\$4 920	\$18 925
Ceramic Engineering.....	27 440	3 815	31 255
Civil Engineering.....	61 468	3 408	64 876
Electrical Engineering.....	65 111	4 050	69 161
General Engineering Drawing.....	40 320	1 400	41 720
Mechanical Engineering.....	112 094	9 227	121 321
Mining and Metallurgical Engineering.....	18 516	2 100	20 616
Physics.....	102 535	12 750	115 285
Railway Engineering.....	14 500	1 088	15 588
Theoretical and Applied Mechanics.....	58 232	3 489	61 721
<i>Total, College.....</i>	<u>(514 221)</u>	<u>(46 247)</u>	<u>(560 468)</u>
Station:			
Administration.....	12 275	7 300	19 575
Ceramic Engineering.....	5 190	900	6 090
Civil Engineering.....	14 622	1 025	15 647
Electrical Engineering.....	7 920	850	8 760
Mechanical Engineering.....	19 550	1 625	21 175
Mining and Metallurgical Engineering.....	4 284	1 200	5 484
Physics.....	.....	2 550	2 550
Railway Engineering.....	10 340	500	10 840
Theoretical and Applied Mechanics.....	20 788	943	21 731
Chemical Engineering.....	7 735	450	8 185
<i>Sub-total, Station.....</i>	<u>(102 694)</u>	<u>(17 343)</u>	<u>(120 037)</u>
Sewage Research.....	2 100	900	3 000
<i>Total, Station.....</i>	<u>(104 794)</u>	<u>(18 243)</u>	<u>(123 037)</u>
<i>Grand Total.....</i>	<u>\$619 015</u>	<u>\$64 490</u>	<u>\$683 505</u>

Expendable Gift and Endowment Funds¹

(All Research)

Ceramic Engineering:

Factors controlling the use of clays.....	\$ 600	\$ 150	\$ 750
Fundamentals of opacity.....	2 500	1 000	3 500

Chemical Engineering:

Solubility of boiler waters.....	5 000	2 500	7 500
Stack gases.....	4 500	2 500	7 000

Civil Engineering:

Cylindrical shells as columns.....	200	100	300
Expansion joints.....	500	500	1 000
Pressures in granular materials.....	600	.....	600
Tests of riveted joints.....	2 000	500	2 500
Tests of welded joints.....	3 000	500	3 500

¹Estimated.

Mechanical Engineering:

Heating and ventilating.....	1 800	200	2 000
Warm air furnace research.....	3 500	500	4 000

Theoretical and Applied Mechanics:

Concrete slabs.....	13 000	2 000	15 000
Continuous welded rails.....	5 000	1 000	6 000
Rails investigation.....	37 500	7 500	45 000
Stretching of lead sheaths.....	2 800	200	3 000

<i>Estimated new projects and renewals.....</i>	<i>2 500</i>	<i>850</i>	<i>3 350</i>
<i>Total.....</i>	<i>\$85 000</i>	<i>\$20 000</i>	<i>\$105 000</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	2 400
(See General Engineering Drawing.....)	A67	4 900)
(Total salary.....)		7 300)
3. M. R. Riddell, Assistant to the Director of the Engineering Experiment Station (S).....	B75	3 100
(See Mechanical Engineering.....)	A25	900)
(Total salary.....)		4 000)
4. E. F. Heater, Research Associate (S).....	D	2 800
5. Marie Huber, Assistant to Dean and Director (Exempt) (C&S).....	D	2 500
6. Mary R. Gardiner, Stenographer (C.S.) (C).....	D	1 320
7. June E. Springer, Stenographer (C.S.) (S).....	D50	600
8. _____, Stenographer (C.S.) (S).....	D	1 300
9. Mildred F. Houston, Stenographer (C.S.) (C).....	D	1 200
10. Mrs. Elsie B. Alpers, Stenographer (C.S.) (C).....	D	1 440
11. Martha Jean Boyd, Stenographer (C.S.) (C).....	D50	570
(See General Engineering Drawing.....)	D50	570)
(Total salary.....)		1 140)
<i>Sub-total, Salaries.....</i>		<i>(25 480)</i>
12. Wages.....	H	800
<i>Total, Administration.....</i>		<i>\$ 26 280</i>

Ceramic Engineering

1. C. W. Parmelee, Professor and Head of Department (C&S).....	A	\$ 6 500
2. R. K. Hursh, Professor (C&S).....	A	4 500
3. A. I. Andrews, Professor (C&S).....	A	5 000
4. A. E. Badger, Research Associate (S).....	D	2 700
5. C. G. Harman, Instructor (C).....	E	2 200
6. R. L. Cook, Instructor (C).....	E	1 800
7. J. A. Pask, Instructor (C).....	E	1 800
8. G. H. Zink, Assistant (C).....	E	1 500
9. H. A. V. Frechette, Research Graduate Assistant (S).....	E50	600
10. W. E. Welliver, Assistant (C).....	E50	600
11. W. B. McDevitt, Laboratory Demonstrator (C).....	D	2 100
12. J. H. Cain, Laboratory Attendant (C.S.) (C).....	D	1 720
13. Vannie L. Sheiry, Clerk and Stenographer (C.S.) (C&S)....	D	1 300
<i>Sub-total, Salaries.....</i>		<i>(32 320)</i>
14. Wages.....	H	310
<i>Total, Ceramic Engineering.....</i>		<i>\$ 32 630</i>

Civil Engineering

1. W. C. Huntington, Professor and Head of Department (C&S).....	A	\$ 7 300
2. W. M. Wilson, Research Professor of Structural Engineering (C&S).....	A	7 000

		<i>Salary</i>
3. H. E. Babbitt, Professor of Sanitary Engineering (C&S)....	A	5 000
4. J. S. Crandell, Professor of Highway Engineering (C).....	A	5 000
5. G. W. Pickels, Professor (C).....	A	4 500
6. T. C. Shedd, Professor of Structural Engineering (C).....	A	5 000
7. J. J. Doland, Professor (C) (On leave with full pay, second semester, 1939-1940).....	A	5 000
8. C. C. Wiley, Professor (C).....	A	4 000
9. Jamison Vawter, Professor (C).....	A	4 000
10. W. H. Rayner, Assistant Professor (C).....	B	3 300
11. E. E. Bauer, Assistant Professor (C).....	B	3 100
12. W. A. Oliver, Assistant Professor (C).....	B	3 100
13. N. M. Newmark, Research Assistant Professor (C&S).....	B	3 600
14. A. A. Brielmaier, Associate (C).....	D	3 000
15. G. H. Dell, Associate (C).....	D	2 900
16. H. P. Evans, Jr., Associate (C).....	D	2 700
17. J. G. Clark, Instructor, (C).....	E	2 000
18. R. M. Mains, Research Graduate Assistant (S).....	E ₅₀	600
19. W. A. Grasso, Research Graduate Assistant (S).....	E ₅₀	600
20. W. T. Pope, Mechanician (C.S.) (S).....	D	2 000
21. Mrs. Elizabeth H. Werts, Clerk and Stenographer (C.S.) (C&S).....	D	1 320
<i>Sub-total, Salaries</i>		(75 020)
22. Wages.....	H	1 070
<i>Total, Civil Engineering</i>		\$ 76 090

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	4 800
4. A. R. Knight, Professor (C).....	A	4 200
5. H. J. Reich, Professor (C).....	A	4 000
6. J. O. Kraehenbuehl, Professor (C) (On leave with full pay, second semester, 1939-1940).....	A	4 200
7. H. A. Brown, Professor (C).....	A	4 000
8. E. H. Waldo, Associate Professor, <i>Emeritus</i>		1 693
9. E. A. Reid, Associate Professor (C).....	A	3 600
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).....	B	3 000
13. L. B. Archer, Assistant Professor (C).....	B	3 000
14. L. L. Smith, Associate (C).....	D	2 300
15. H. N. Hayward, Associate (C).....	D	2 600
16. W. J. Warren, Associate (C).....	D	2 400
17. H. W. Horn, Instructor (C).....	E	2 000
18. G. H. Fett, Instructor (C).....	E	2 000
19. M. S. Helm, Instructor (C).....	E	1 900
20. J. C. Mace, Jr., Instructor (C).....	E	1 800
21. G. R. Peirce, Instructor (C).....	E	1 800
22. _____, Instructor (C).....	E	1 800
23. _____, Research Assistant (S).....	E	1 800
24. _____, Assistant (C).....	E ₅₀	700
25. G. H. Powers, Mechanician (C.S.) (C&S).....	D	2 000
26. W. S. Goodspeed, Mechanician, <i>Retired</i>		973
27. Marcia Hopperstad, Clerk and Stenographer (C.S.) (C&S).....	D	1 350
<i>Sub-total, Salaries</i>		(72 216)
28. Wages.....	H	805
<i>Total, Electrical Engineering</i>		\$ 73 021

General Engineering Drawing

			Salary
1. H. H. Jordan, Professor and Head of Department (C).....	A67	\$	4 900
(See Administration.....)	D33		2 400)
(Total salary.....)			7 300)
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).....	B		3 000
6. S. G. Hall, Assistant Professor (C).....	D		3 000
7. R. S. Crossman, Associate (C).....	D		2 600
8. L. D. Walker, Associate (C).....	D		2 600
9. J. T. Lendrum, Associate (C).....	D		2 500
10. G. R. Fink, Instructor (C).....	E		2 200
11. S. H. Pierce, Instructor (C).....	E		2 100
12. _____, Instructor (C).....	E		1 800
13. L. B. Ritchey, Instructor (C).....	E		1 900
14. B. O. Larson, Instructor (C).....	E		1 900
15. Martha Jean Boyd, Clerk and Stenographer (C.S.) (C).....	D50		570
(See Administration.....)	D50		570)
(Total salary.....)			1 140)
Sub-total, Salaries.....			(39 970)
16. Wages.....	H		350
Total, General Engineering Drawing.....		\$	40 320

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. W. N. Espy, Professor (C).....	A		4 000
9. M. R. Riddell, Associate Professor of Aeronautical Engineering (C).....	A25		900
(See Administration.....)	B75		3 100)
(Total salary.....)			4 000)
10. M. K. Fahnestock, Research Associate Professor (S).....	B		4 200
11. D. G. Ryan, Associate Professor (C).....	B		3 600
12. P. E. Mohn, Assistant Professor (C).....	B		3 300
13. F. H. Thomas, Assistant Professor (C).....	B		3 000
14. R. F. Larson, Assistant Professor (C).....	B		3 300
15. A. E. Hershey, Research Assistant Professor (S).....	B		3 400
16. C. E. Schubert, Assistant Professor (C).....	B		2 900
17. J. R. Fellows, Assistant Professor (C).....	B		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. Woodell, Associate (C).....	D		2 800
21. C. J. Starr, Associate (C).....	D		2 600
22. R. D. Williams, Associate (C).....	D		2 500
23. K. J. Trigger, Associate (C).....	D		2 500
24. A. D. Wright, Instructor (C).....	D		2 200
25. E. L. Broghamer, Instructor (C).....	E		2 100
26. J. C. Miles, Instructor (C).....	E		2 000
27. _____, Instructor in Thermodynamics (C).....	E		2 000
28. J. P. CoVan, Instructor (C).....	E		1 900
29. W. E. Compton, Instructor (C).....	E		1 900

		<i>Salary</i>
30. C. T. Grace, Instructor (C).....	E	1 900
31. J. A. Bolt, Instructor (C).....	E	2 200
32. E. D. Luke, Instructor (C).....	E	1 900
33. Francis Seyfarth, Instructor (C).....	E	1 800
34. M. J. Goglia, Instructor (C).....	E	1 900
35. C. E. Derrough, Assistant (C).....	D	2 400
36. E. L. Broderick, Research Assistant (S).....	D	2 200
37. ———, Research Assistant (S).....	E	1 800
38. D. W. Thomson, Research Graduate Assistant (S).....	E50	600
39. H. R. Stover, Research Graduate Assistant (S) (Two years from Sept. 1, 1939, not including July and August)...	F50	600
40. E. B. Corbin, Mechanician in the Shop Laboratories (C.S.) (C).....	D	2 000
41. G. J. Oehmke, Mechanician in the Mechanical Engineering Laboratory (C.S.) (C).....	D	2 000
42. M. W. Hoag, Mechanician in the Mechanical Engineering Laboratory (C.S.) (C).....	D	2 000
43. W. H. Smith, Mechanician in the Mechanical Engineering Laboratory (C.S.) (C).....	D	1 800
44. T. E. Parsons, Assistant Mechanician in the Shop Laboratories (C.S.) (C).....	D	1 500
45. M. B. Singer, Jr., Assistant Mechanician in the Shop Laboratories (C.S.) (C).....	D	1 600
46. W. C. Clark, Assistant Mechanician in the Shop Laboratories (C.S.) (C).....	E	1 500
47. I. E. Douglas, Tool-room Attendant in the Mechanical Engineering Laboratory (C.S.) (C).....	D	1 400
48. C. D. Floyd, Tool-room Attendant in the Machine Tool Laboratory (C.S.) (C).....	D	1 300
49. J. H. Huffer, Tool-room Attendant, <i>Retired</i> (C.S.).....		475
50. H. P. Robbins, Tool-room Attendant in Pattern Laboratory (C.S.) (C).....	E	1 200
51. Mrs. Beulah Dent, Secretary (C.S.) (C&S).....	D	1 900
52. Irene Cunningham, Clerk and Stenographer (C.S.) (C).....	D	1 260
<i>Sub-total, Salaries</i>		(130 444)
53. Wages.....	H	1 200
<i>Total, Mechanical Engineering</i>		\$131 644

Mining and Metallurgical Engineering

1. ———, Professor of Mining Engineering and Head of the Department (C&S).....	A	\$ 6 200
2. H. P. Nicholson, Assistant Professor of Mining Engineering (C).....	B	3 400
3. H. L. Walker, Assistant Professor of Metallurgical Engineering (C).....	B	3 300
4. A. B. Wilder, Assistant Professor of Metallurgical Engineering (C).....	D	3 200
5. W. H. Bruckner, Research Assistant Professor of Metallurgical Engineering (S).....	B	3 400
6. J. L. G. Weysser, Assistant Professor of Mining Engineering (C).....	B	.....
(Charged to Item 1).....		3 000)
7. ———, Instructor in Metallurgical Engineering (C).....	E	.....
(Charged to Item 1).....		1 800)
8. E. J. Eckel, Instructor in Metallurgical Engineering (C)....	E	400
(Charged to Item 1).....		1 400)
(Total salary).....		1 800)
9. H. W. Kruse, Mechanician (C.S.) (C&S).....	D	1 440
10. Hazel Allen, Clerk and Stenographer (C.S.) (C&S).....	E	1 260
<i>Sub-total, Salaries</i>		(22 600)
11. Wages.....	H	200
<i>Total, Mining and Metallurgical Engineering</i>		\$ 22 800

Physics

		Salary
1. F. W. Loomis, Professor and Head of Department (C)	A	\$ 7 300
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. P. G. Kruger, Professor (C) (On leave with full pay, first semester, 1939-1940)	A	4 500
6. W. F. Schulz, Associate Professor (C)	A	3 350
7. E. H. Williams, Associate Professor of Experimental Physics (C)	A	3 650
8. R. F. Paton, Associate Professor (C)	A	3 900
9. J. H. Bartlett, Jr., Associate Professor of Theoretical Physics (C)	A	4 000
10. H. M. Mott-Smith, Jr., Associate Professor (C)	A	4 000
11. G. M. Almy, Associate Professor (C)	A	3 800
12. Robert Serber, Assistant Professor (C)	B	3 500
13. J. R. Richardson, Assistant Professor (C)	B	3 000
14. Moritz Goldhaber, Assistant Professor (C)	B	3 500
15. L. J. Haworth, Assistant Professor (C)	B	3 100
16. J. H. Manley, Associate (C)	D	2 800
17. E. B. Jordan, Jr., Associate (C)	D	2 500
18. E. M. Lyman, Associate (C)	D	2 700
19. D. W. Kerst, Instructor (C)	E	2 400
20. A. C. Beiler, Assistant (C)	E50	700
21. ———, Assistant	E50	700
22. E. B. Hales, Assistant (C)	E50	700
23. W. L. Parker, Assistant (C)	E50	700
24. R. W. Lee, Assistant (C)	E50	700
25. G. C. Baldwin, Assistant (C)	E50	700
26. H. A. Nye, Assistant (C)	E50	700
27. R. D. O'Neal, Assistant (C)	E50	700
28. E. A. Luebke, Assistant (C)	E50	700
29. G. S. Klaiber, Assistant (C)	E50	700
30. N. D. Coggeshall, Assistant (C)	E50	700
31. J. W. Coltman, Assistant (C)	E50	700
32. W. E. Good, Assistant (C)	E50	700
33. M. P. Vore, Assistant (C)	E50	700
34. R. D. Rawcliffe, Assistant (C)	E50	700
35. V. M. Kory, Assistant (C)	E50	700
36. R. F. Krueger, Assistant (C)	E50	700
37. John Kodis, Assistant (C)	E50	700
38. R. F. McCune, Assistant (C)	E50	700
39. C. E. McClellan, Assistant (C)	E50	700
40. G. R. Gamertsfelder, Assistant (C)	E50	700
41. R. P. Jones, Assistant (C)	E50	700
42. D. W. Martin, Assistant (C)	E50	700
43. F. B. Berger, Assistant (C)	E50	700
44. L. J. Cutrona, Assistant (C)	E50	700
45. A. H. Colbey, Glassblower (C)	D	2 100
46. C. W. Fieg, Mechanician (C.S.) (C)	D	2 000
47. Ernest Englund, Mechanician (C.S.) (C)	D	2 100
48. W. C. Deem, Assistant Mechanician (C.S.) (C)	D	1 700
49. C. Van Holland, Assistant Mechanician (C.S.) (C)	D	1 650
50. H. T. Wyninger, Storekeeper and Lecture Attendant (C.S.) (C)	D	1 630
51. ———, Stockroom Man (C.S.) (C)	D	1 380
52. Della M. Rogers, Secretary (C.S.) (C)	D	1 700
53. ———, Stenographer (C.S.) (C)	D	1 080
<i>Sub-total, Salaries</i>		(101 715)
54. Wages	H	820
<i>Total, Physics</i>		\$102 535

Railway Engineering

		<i>Salary</i>
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	4 750
3. E. G. Young, Research Professor of Railway Mechanical Engineering (C&S)	A	4 200
4. J. K. Tuthill, Associate Professor of Railway Electrical Engineering (C)	A	3 850
5. H. J. Schrader, Associate Professor of Railway Mechanical Engineering (C&S)	A	3 300
6. H. R. Higgins, Mechanician (C.S.) (C&S)	D90	1 620
7. Marjorie M. Bassett, Clerk and Stenographer (C.S.) (C&S)	D75	900
<i>Sub-total, Salaries</i>		(24 620)
8. Wages	H	220
<i>Total, Railway Engineering</i>		\$ 24 840

Theoretical and Applied Mechanics

1. F. B. Seely, Professor and Head of Department (C&S)	A	\$ 7 300
2. M. L. Enger, Professor of Mechanics and Hydraulics (C&S)	A	.....
Dean and Director (C&S)	B	.....
(Salary under Administration)		
3. A. N. Talbot, Professor of Municipal and Sanitary Engineering, <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	6 000
6. W. J. Putnam, Professor (C)	A	4 200
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 (S) . . . . .		.....
(See Concrete Slab Investigation)	F	4 000) 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	3 250
13. T. J. Dolan, Assistant Professor (C&S)	B	3 300
14. W. M. Lansford, Assistant Professor (C)	B	2 900
15. W. L. Collins, Assistant Professor (C)	B	2 700
16. R. L. Brown, Associate (C)	D	2 750
17. E. W. Suppiger, Associate (C)	D	2 400
18. P. G. Jones, Instructor (C)	E	2 200
19. J. O. Smith, Instructor (C)	E	2 200
20. W. E. Black, Instructor (C)	E	1 800
21. F. L. Ehasz, Instructor (C)	E	1 900
22. _____, Instructor (C)	E	1 800
23. H. R. Puckett, Research Graduate Assistant (S)	E50	600
24. W. G. Dugan, Research Graduate Assistant (S)	E50	600
25. Robert Pergande, Mechanician (C.S.) (C&S)	D	2 000
26. A. J. Nickerson, Assistant and Storekeeper (C.S.) (C&S)	D	1 450
27. Dorothy D. Cook, Clerk and Stenographer (C.S.) (C&S)	D	1 320
<i>Sub-total, Salaries</i>		(76 020)
28. Wages	H	3 000
<i>Total, Theoretical and Applied Mechanics</i>		\$ 79 020

Chemical Engineering Research

1. D. B. Keyes, Professor of Chemical Engineering in the Department of Chemistry (S)	A50	\$ 3 125
(See Department of Chemistry)	A50	3 125)
(Total salary)		6 250)

¹If the Concrete Slab Investigation is discontinued, this salary is to be provided from general University funds.

		<i>Salary</i>
2. Sherlock Swann, Jr., Research Associate Professor (S).....	A	3 500
3. R. L. Pigford, Research Graduate Assistant (S) (Two years from Sept. 1, 1939, not including July and August)....	F50	600
4. Blanche E. Lautz, Stenographer (C.S.) (S).....	D10	110
(See Department of Chemistry.....)	D90	970)
(Total salary.....)		1 080)
<i>Sub-total, Salaries</i>		(7 335)
5. Wages.....	H	400
<i>Total, Chemical Engineering Research</i>		\$ 7 735

Sewage Research

1. D. H. Caldwell, Research Graduate Assistant (S).....	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 Investigation of Continuous Welded Rails.....)	F25	1 250)
(Total salary.....)		5 000)
2. R. E. Cramer, Special Research Assistant Professor of Engi- neering 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	3 300
4. J. L. Bisesi, Special Research Associate in Engineering Ma- terials (S) (Until further notice).....	F	3 300
5. S. W. Lyon, Special Research Assistant in Engineering Ma- terials (S) (Until further notice).....	F	2 800

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 Engi- neering Materials (S) (Until further notice).....	F25	950
(See Rails Investigation.....)	F75	2 850)
(Total salary.....)		3 800)

Stretching of Lead Sheathing

1. C. W. Dollins, Special Research Assistant in Engineering Materials (S) (Until further notice).....	F	2 700
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Pressures in Granular Materials

1. F. W. Ocvirk, Special Research Graduate Assistant in Civil Engineering (S).....	E50	600
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Concrete Slab Investigation

1. V. P. Jensen, Special Research Assistant Professor of Theo- retical and Applied Mechanics (S) (Until further notice)	F	4 000
2. R. W. Kluge, Special Research Associate in Theoretical and Applied Mechanics (S) (Until further notice).....	F	3 200
3. J. W. Allen, Special Research Graduate Assistant in Theo- retical and Applied Mechanics (S).....	E50	600
4. ———, Special Research Graduate Assistant in Theoretical and Applied Mechanics (S).....	E50	600

5. C. B. Williams, Jr., Special Research Graduate Assistant in Theoretical and Applied Mechanics (S).....	E50	<i>Salary</i> 600
6. R. R. Penman, 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	4 750
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Stack Gases

1. H. F. Johnstone, Professor of Chemical Engineering (C&S)..	A33	1 950
(See Chemistry.....)	A67	3 950)
(Total salary.....)		5 900)
2. A. D. Singh, Special Research Assistant in Chemical Engineering (S) (Until further notice).....	F	2 400

Factors Controlling Uses of Clay

1. M. K. Blanchard, Special Research Graduate Assistant in Ceramic Engineering (S).....	E50	600
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Warm Air Furnace Research

1. Seichi Konzo, Special Research Assistant Professor of Mechanical Engineering (S) (Until further notice).....	F	3 500
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Heating and Ventilation

1. R. B. Engdahl, Special Research Assistant in Mechanical Engineering (S) (Until further notice).....	F	1 800
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Fatigue Strength of Welded Joints

1. J. V. Coombe, Special Research Assistant in Civil Engineering (S) (Until further notice).....	F	2 400
2. R. A. Wilde, Special Research Graduate Assistant in Mining and Metallurgical Engineering (S).....	E50	600

Fundamentals of Opacity

1. B. W. King, Jr., Special Research Assistant in Ceramic Engineering (From July 1, 1939, until further notice).....	F	2 400
Total, Special Cooperative Investigations.....		\$ 51 500

Ferro Enamel Fellowship in Ceramic Engineering

1. T. L. Hurst, Fellow.....	E	\$ 750
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**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.....	\$30 872	\$ 4 615	\$35 487
Administration—Aids to Vocational Agriculture Teachers.....	3 200	800	4 000
Agricultural Economics.....	22 342	400	22 742
Agricultural Engineering.....	16 706	1 055	17 761
Agronomy.....	31 398	2 205	33 603
Animal Husbandry.....	51 358	22 500	73 858
Dairy Husbandry.....	42 526	20 650	63 176
Forestry.....	3 850	250	4 100
Home Economics.....	56 038	9 357	65 395
Horticulture.....	62 500	10 885	73 385
<i>Sub-total</i>	(320 790)	(72 717)	(393 507)
Organized Activities relating to College (self-supporting):			
Dairy Creamery.....	16 990	50 100	67 090
Home Economics Cafeteria.....	4 100	7 900	12 000
<i>Sub-total</i>	(21 090)	(58 000)	(79 090)
<i>Total, College</i>	<u>\$341 880</u>	<u>\$130 717</u>	<u>\$472 597</u>
<i>Station</i>			
Administration.....	\$14 305	\$ 5 860	\$ 20 165
Agricultural Economics.....	25 593	4 453	30 046
Agricultural Engineering.....	14 027	1 436	15 463
Agronomy.....	106 826	39 150	145 976
Animal Husbandry.....	86 458	61 070	147 528
Dairy Husbandry.....	35 322	13 257	48 579
Horticulture.....	56 604	12 669	69 273
<i>Sub-total</i>	(339 135)	(137 895)	(477 030)
Organized Activities relating to Station (self-supporting):			
Farm Account Revolving.....	1 650	750	2 400
Corn Testing Revolving.....	3 950	1 250	5 200
Official Test Revolving.....	4 880	1 520	6 400
Agricultural Research Revolving.....	.....	300	300
<i>Sub-total</i>	(10 480)	(3 820)	(14 300)
Hatch Fund.....	15 000	.....	15 000
Adams Fund.....	15 000	.....	15 000 ²
Purnell Fund.....	47 621 ¹	12 379	60 000 ²
Bankhead-Jones Fund.....	60 990 ¹	14 904	75 894 ²
<i>Sub-total</i>	(138 611)	(27 283)	(165 894)
<i>Total, Station</i>	<u>\$488 226</u>	<u>\$168 998</u>	<u>\$657 224</u>
<i>Extension</i>			
Smith-Lever Fund (includes Bankhead-Jones Funds).....	\$425 741 ¹	\$116 014	\$541 755 ²
Capper-Ketcham Fund.....	37 846 ¹	615	38 461 ²
<i>Sub-total</i>	(463 587)	(116 629)	(580 216)
Extension Revolving Fund.....	2 000	16 000	18 000
<i>Total, Extension</i>	<u>\$465 587</u>	<u>\$132 629</u>	<u>\$598 216</u>
<i>Grand Total</i>	<u>\$1 295 693</u>	<u>\$432 344</u>	<u>\$1 728 037</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.

Resources for Budget

<i>College</i>	<i>University and Federal Funds</i>	<i>Estimated Income from Sales¹</i>
Administration—General.....	\$35 487	.....
Administration—Aids to Vocational Agriculture Teachers.....	4 000	.....
Agricultural Economics.....	22 742	.....
Agricultural Engineering.....	17 561	\$ 200
Agronomy.....	33 603	.....
Animal Husbandry.....	62 108	11 750
Dairy Husbandry.....	40 476	22 700 ²
Forestry.....	4 100	.....
Home Economics.....	65 395	.....
Horticulture.....	58 785	14 600
Sub-total.....	(344 257)	(49 250)
Organized Activities relating to College (self-support- ing):		
Dairy Creamery.....	.....	67 090
Home Economics Cafeteria.....	.....	12 000
Sub-total.....	.....	(79 090)
Total, College.....	\$344 257	\$128 340
<i>Station</i>		
Administration.....	\$20 165	.....
Agricultural Economics.....	30 046	.....
Agricultural Engineering.....	15 463	.....
Agronomy.....	139 976	\$ 6 000
Animal Husbandry.....	106 278	41 250
Dairy Husbandry.....	42 179	6 400 ²
Horticulture.....	67 173	2 100
Sub-total.....	(421 280)	(55 750)
Organized Activities relating to Station (self-support- ing):		
Farm Account Revolving.....	.....	2 400
Corn Testing Revolving.....	.....	5 200
Official Test Revolving.....	.....	6 400
Agricultural Research Revolving.....	.....	300
Sub-total.....	.....	(14 300)
Hatch Fund.....	15 000	.....
Adams Fund.....	15 000	.....
Purnell Fund.....	60 000	.....
Bankhead-Jones Fund.....	75 894	.....
Sub-total.....	(165 894)	.....
Total, Station.....	\$587 174	\$70 050
<i>Extension</i>		
Smith-Lever Fund (includes Bankhead-Jones funds)..	\$541 755	.....
Capper-Ketcham Fund.....	38 461	.....
Sub-total.....	(580 216)	.....
Extension Revolving Fund.....	.....	\$18 000
Total, Extension.....	\$580 216	\$18 000
Grand Total.....	\$1 511 647	\$216 390

¹Expenditures may not exceed actual receipts if less than estimate.²Includes \$3,800 estimated surplus from the Creamery divided equally between College and Station.

Summary Fund Statement

	<i>General University Funds</i>	<i>Federal Funds</i>	<i>Estimated Income From Sales</i>	<i>Total</i>
College.....	\$344 257	.....	\$128 340	\$472 597
Station.....	421 280	\$165 894	70 050	657 224
Extension.....	.....	580 216	18 000	598 216
<i>Total</i>	<u>\$765 537</u>	<u>\$746 110</u>	<u>\$216 390</u>	<u>\$1 728 037</u>

Expendable Gift Funds

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Administration</i>			
Monsanto Insecticides.....	\$ 3 900	\$ 100	\$ 4 000
Nicotine Insecticides.....	1 000	.....	1 000
<i>Agricultural Engineering</i>			
Hay crushing process.....	1 500	.....	1 500
<i>Agronomy</i>			
Interaction of soils with potassium salts.....	1 000	200	1 200
Medium and long season hybrids.....	900	.....	900
Production and characteristics of hybrid corn..	900	.....	900
White corn hybrids.....	1 000	200	1 200
<i>Animal Husbandry</i>			
Calcium in foods.....	5 000	1 300	6 300
Chemical study of crushed hay.....	1 200	.....	1 200
Fly sprays for cattle.....	500	270	770
Hay silage.....	820	.....	820
Physiological effects of fluorine.....	3 000	500	3 500
<i>Dairy Husbandry</i>			
Sweetening agents derived from corn.....	960	.....	960
<i>Home Economics</i>			
Milk solids.....	600	.....	600
<i>Estimated new projects and renewals</i>	<u>4 220</u>	<u>930</u>	<u>5 150</u>
<i>Total</i>	<u>\$26 500</u>	<u>\$3 500</u>	<u>\$30 000</u>

Explanation of symbols in titles

C = College; S = Station; E = Extension

Administration

<i>General</i>	<i>Salary</i>
1. H. P. Rusk, Dean of College of Agriculture (C); Director of Agricultural Experiment Station (S); Director of Extension Service in Agriculture and Home Economics (E) B75	\$6 150
Professor, Cattle Husbandry (C)..... A	.....
(See Smith-Lever fund..... B25	2 100)
(Total salary.....	8 250)
2. J. C. Blair, Dean of College of Agriculture (C), Director of Agricultural Experiment Station (S) and Extension Service (E) (On leave with full pay for 1939-1940).... D	8 250
3. Eugene Davenport, Dean and Professor (C), <i>Emeritus</i>	3 900
4. R. R. Hudelson, Assistant Dean and Professor, Agricultural Economics (C)..... A	5 000
5. F. H. Rankin, Assistant Dean (C) <i>Emeritus</i>	2 476

		<i>Salary</i>
6. J. C. Spitler, Assistant Director of Extension Service in Agriculture and Home Economics (E); Professor, Agricultural Extension (C); and State Leader of Farm Advisers (E).....	A 9	500
(See Smith-Lever fund.....)	A91	5 000)
(Total salary.....)		5 500)
7. H. W. Hannah, Assistant to the Dean (C) and to the Director (S&E); and Associate, Agricultural Economics (C)...	D16	482
(See Smith-Lever fund.....)	D61	1 844)
(See Purnell fund.....)	D23	674)
(See Agricultural Economics.....)	)
(Total salary.....)		3 000)
8. R. J. Webb, Assistant to the Dean (C) and to the Director (S&E).....	D24	434
(See Smith-Lever fund.....)	D46	833)
(See Purnell fund.....)	D30	533)
(Total salary.....)		1 800)
9. W. P. Flint, Chief Entomologist with rank of Professor (S)...	A20	1 000
(From State Natural History Survey.....)	D80	4 000)
(Total salary.....)		5 000)
10. F. J. Keilholz, Extension Editor and Associate Professor, Agricultural Extension (CS&E).....	A20	1 000
(See Smith-Lever fund.....)	A80	4 000)
(Total salary.....)		5 000)
11. Anna C. Glover, Editor and Manager of Publications (S) (Federal).....	)
(See Hatch fund.....)	D88	3 000)
(See Purnell fund.....)	D12	400)
(Total salary.....)		3 400)
12. J. A. Smith, Assistant Editor (S) (Federal).....	)
(See Hatch fund.....)	D76	1 900)
(See Purnell fund.....)	D24	600)
(Total salary.....)		2 500)
13. A. W. Janes, Editorial Assistant (S) (Federal).....	)
(See Purnell fund.....)	D	1 320)
14. W. H. Young, Associate, Agricultural College Extension (C)	D	2 400)
15. Elizabeth B. Cole, Specialist in Office Organization and Management (S&E) (Federal).....	)
(See Smith-Lever fund.....)	D81	1 950)
(See Purnell fund.....)	D19	450)
(Total salary.....)		2 400)
16. Marion F. Berry, Executive Clerk and Secretary to the Dean and Director (Exempt).....	D	2 200
17. Mrs. Mary F. Mauk, Stenographer.....	)
(See Bankhead-Jones Research fund.....)	D	1 500)
18. Virginia E. Foster, Secretary to Assistant Dean (C.S.).....	D	1 380)
19. Bess Riggs, Chief Clerk (C.S.).....	D83	1 500
(See Smith-Lever fund.....)	D17	300)
(Total salary.....)		1 800)
20. _____, Stenographer.....	)
(See Smith-Lever fund.....)	D	1 140)
21. Mildred Hamilton, Stenographer and Clerk.....	)
(See Purnell fund.....)	D	1 260)
22. Lucy Coe, Stenographer (C.S.).....	D	1 200)
23. Velma E. Hudgins, Stenographer (C.S.).....	D	1 200)
24. _____, Clerk.....	)
(See Bankhead-Jones Research fund.....)	D	1 020)
25. Ruth C. Moller, Stenographer (Student).....	D80	720
<i>Sub-total, Salaries.....</i>		(39 792) ¹
26. Wages.....	H	5 385
<i>Total, Administration, General.....</i>		<i>\$ 45 177</i>

¹College, \$27,772; Station, \$12,020.

Aids to Vocational Agriculture Teachers

		<i>Salary</i>
1. Melvin Henderson, Associate, Vocational Agriculture (C)...	D	3 100
2. Wages.....	H	100
<i>Total, Aids to Vocational Agriculture Teachers (all College)</i>		<u>\$3 200</u>

*Restricted Gift Funds**Tobacco By-Products and Chemical Corporation—Nicotine insecticides*

1. A. E. Ritcher, Special Research Assistant (Full time in September at \$125 a month; thereafter 3/5 time until further notice at \$75 a month).....	F60	950
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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).....	A	.....
(Salary under Administration)		
3. J. W. Lloyd, Professor (C) and Chief (S), Fruit and Vegetable Marketing in Department of Agricultural Economics..	A	.....
(Salary under Horticulture)		
4. C. L. Stewart, Professor, Agricultural Economics (C) and Chief, Land Economics (S).....	A72	3 650
(See Purnell fund.....)	A28	1 450)
(Total salary.....)		5 100)
5. L. J. Norton, Professor, Agricultural Economics (C&E) and Chief, Agricultural Marketing (S).....	A73	3 700
(See Smith-Lever fund.....)	A27	1 400)
(Total salary.....)		5 100)
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 (C&E) and Associate Chief (S).....	A70	2 950
(See Purnell fund.....)	A12	500)
(See Smith-Lever fund.....)	A18	750)
(Total salary.....)		4 200)
10. R. C. Ross, Associate Professor (C) and Associate Chief (S), Farm Management.....	A	3 900
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, Associate Professor (C) and Associate Chief (S).....	A60	2 250
(See Purnell fund.....)	A40	1 500)
(Total salary.....)		3 750)

		<i>Salary</i>
13. G. L. Jordan, Associate Professor (C) and Associate Chief (S)	A80	3 260
(See Purnell fund.....)	A20	840)
(See Smith-Lever fund.....)	)
(See Administration.....)	)
(Total salary.....)		4 100)
14. D. E. Lindstrom, Associate Professor (C&E) and Associate Chief (S), Rural Sociology.....	A23	850
(See Sociology.....)	)
(See Purnell fund.....)	A31	1 150)
(See Smith-Lever fund.....)	A46	1 700)
(Total salary.....)		3 700)
15. J. B. Cunningham, Assistant Professor, Farm Management Extension (E).....		.....
(See Smith-Lever fund.....)	B	3 600)
16. E. M. Hughes, Assistant Professor, Agricultural Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	3 000)
17. W. A. Herrington, Associate, Farm Management (S).....		.....
(See Bankhead-Jones Research fund.....)	D	3 200)
18. V. A. Ekstrom, Associate, Fruit and Vegetable Marketing (S)		.....
(See Purnell fund.....)	D	2 600)
19. H. W. Hannah, Assistant to the Dean (C) and to the Director (S&E); Associate (C).....		.....
(Salary under Administration)		.....
20. E. H. Regnier, Associate, Rural Sociology Extension (E)....		.....
(See Smith-Lever fund.....)	D	2 400)
21. L. H. Simerl, Associate, Agricultural Marketing Extension (E)		.....
(See Smith-Lever fund.....)	D	2 500)
22. R. J. Mutti, Assistant, Agricultural Economics Extension (E)		.....
(See Smith-Lever fund.....)	D	1 600)
23. M. P. Gehlbach, Assistant (C&S).....	D	1 800
24. E. N. Searls, Assistant, Farm Management (S).....	D50	900
(See Purnell fund.....)	D50	900)
(Total salary.....)		1 800)
25. N. O. Thompson, Assistant (S).....		.....
(See Bankhead-Jones Research fund.....)	D	1 800)
26. K. E. Kinsinger, Assistant, Farm Management (S).....	D50	750
(See Purnell fund.....)	D50	750)
(Total salary.....)		1 500)
27. ———, Assistant, Agricultural Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	1 440)
28. G. T. Hudson, Assistant, Rural Sociology (S).....		.....
(See Bankhead-Jones Research fund.....)	D75	1 275)
29. E. C. Hedlund, Assistant, Farm Management (C&S).....	F	1 200
(To be paid \$133.33 per month from Sept. 1, 1939, to Feb. 29, 1940, and \$66.67 per month from Mar. 1, 1940, to Aug. 31, 1940. Full-time rate \$1,600 per year.)		
30. G. A. Lee, Assistant, Farm Management (C&S).....	F75	740
(See Purnell fund.....)	F25	460)
(Total salary.....)		1 200)
(To be paid \$133.33 per month from Sept. 1, 1939, to Feb. 29, 1940, and \$66.67 per month from Mar. 1, 1940, to Aug. 31, 1940. Full-time rate \$1,600 per year.)		
31. G. W. Freemyer, Assistant (S).....		.....
(See Purnell fund.....)	D50	840)
32. F. G. Warren, Assistant (S).....		.....
(See Purnell fund.....)	D50	840)
33. L. W. Schruben, Assistant (S).....		.....
(See Purnell fund.....)	D50	720)

		Salary
34. _____, Assistant (S).....		
(See Purnell fund.....)	D50	720)
35. I. S. McArthur, Assistant (S).....		
(See Purnell fund.....)	D50	720)
36. A. H. Harrington, Assistant (S).....		
(See Bankhead-Jones Research fund.....)	D50	720)
37. R. B. McKenzie, Assistant, Rural Sociology (S).....		
(See Bankhead-Jones Research fund.....)	D50	720)
38. D. A. Broadbent, Assistant (C&S).....	E50	700
39. K. D. Naden, Assistant (S).....	E50	600
40. Helen L. Sears, Secretary (C.S.).....	D	1 800
41. Mrs. Marion Busch, Statistical Clerk (C.S.).....	D	1 380
42. Mrs. Ruth B. Godsey, Stenographer (C.S.).....	D	1 320
43. Adah F. McInnes, Stenographer.....		
(See Smith-Lever fund.....)	D	1 140)
44. _____, Stenographer.....		
(See Purnell fund.....)	D	1 020)
45. Zelma C. Holl, Stenographer.....		
(See Purnell fund.....)	D	1 080)
46. _____, Stenographer.....		
(See Smith-Lever fund.....)	D	1 020)
47. Mrs. Mildred B. Hedges, Clerk (C.S.).....	D	1 020
48. _____, Stenographer (C.S.).....	D	1 020
<i>Sub-total, Salaries</i>		(46 365) ¹
49. Wages.....	H	1 570
<i>Total, Agricultural Economics</i>		\$ 47 935

Farm Account Revolving

1. Wages.....	H	1 650
<i>Total, Farm Account Revolving</i>		\$ 1 650

Agricultural Engineering

1. E. W. Lehmann, Professor (C) and Chief (S), Head of Department.....	A	\$ 5 800
2. W. A. Foster, Associate Professor (C) and Associate Chief (S), Rural Architecture.....	A	4 000
3. R. I. Shawl, Associate Professor (C) and Associate Chief (S).....	A	4 000
4. A. L. Young, Assistant Professor (C) and Assistant Chief (S).....	B	3 200
5. R. R. Parks, Assistant Professor, Agricultural Engineering Extension (E).....		
(See Smith-Lever fund.....)	B	3 200)
6. R. H. Reed, Associate (C&S).....	D	2 900
7. R. C. Hay, Associate, Agricultural Engineering Extension (E).....		
(See Smith-Lever fund.....)	D	2 700)
8. E. L. Hansen, Assistant (C&S).....	D	1 800
9. H. P. Bateman, Assistant (S).....		
(See Bankhead-Jones Research fund.....)	D	2 000)
10. C. W. Veach, Assistant (S).....		
(See Bankhead-Jones Research fund.....)	D	2 000)
11. _____, Assistant (S).....		
(See Bankhead-Jones Research fund.....)	D	1 500)
12. R. F. Skelton, Assistant (C&S).....	D	1 450
13. Inez L. Jameson, Stenographer (C.S.).....	D	1 320
14. _____, Stenographer (C.S.).....	D	1 020
15. Mrs. Lenore K. France, Stenographer.....		
(See Smith-Lever fund.....)	D	1 140)

¹College, \$22,267; Station, \$24,098.

16. M. D. Rose, Laborer, <i>Retired</i>		<i>Salary</i> 663
<i>Sub-total, Salaries</i>		(26 153) ¹
17. Wages.....	H	4 580
<i>Total, Agricultural Engineering</i>		\$ 30 733

*Restricted Gift Funds**Food Machinery Corporation—Hay crushing process*

1. G. M. Petersen, Special Research Assistant (Until further notice).....	F	I 500
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Agronomy

1. W. L. Burlison, Professor (C) and Chief (S), Crop Production; Head of Department.....	A	\$ 7 500
2. C. F. Hottes, Consulting Plant Physiologist (S), <i>Emeritus</i> ... (See Department of Botany.....)	G17 G83	453 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	5 000
5. J. C. Hackleman, Professor, Crops Extension (E)..... (See Smith-Lever fund.....)	A	4 750)
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	5 000
8. C. M. Woodworth, Professor (C) and Chief (S), Plant Genetics (On leave with full pay for first semester 1939-1940).....	A	4 500
9. G. H. Dungan, Professor (C) and Chief (S), Crop Production (See Hatch fund.....)	A40 A60	1 600 2 400)
(Total salary.....)		4 000)
10. L. J. Norton, Professor, Agricultural Economics (C&E) and Chief, Agricultural Marketing (S)..... (Salary under Agricultural Economics)		.....
11. J. J. Pieper, Professor (C) and Chief (S), Crop Production... A		4 000
12. Benjamin Koehler, Chief, Crop Pathology (S)..... A		4 000
13. O. H. Sears, Professor (C) and Chief (S), Soil Biology..... A		4 000
14. D. C. Wimer, Associate Professor (C) and Associate Chief (S), Soil Physics..... A		3 300
15. F. H. Crane, Associate Professor (C) and Associate Chief (S), Soil Fertility..... A		3 000
16. H. J. Snider, Assistant Chief, Soil Experiment Fields (S).... B		2 905
17. C. M. Linsley, Assistant Professor, Soils Extension (E)..... (See Smith-Lever fund.....)	B50	2 000)
18. A. L. Lang, Assistant Chief, Soil Experiment Fields (S).... B		3 000
19. R. H. Bray, Assistant Chief, Soil Survey Analysis (S)..... B		3 450
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		3 000
22. J. E. Giesekeing, Assistant Chief, Soil Physics and Soil Survey (S)..... B		2 600
23. R. S. Stauffer, Assistant Chief, Soil Physics and Soil Survey (S)..... B		2 700
24. C. J. Badger, Associate, Soil Experiment Fields (S)..... B		2 200
25. L. B. Miller, Associate, Soil Experiment Fields (S)..... B		2 300
26. G. D. Smith, Associate, Soil Physics and Soil Survey (S).... B		3 200
27. O. E. Bolin, Associate, Plant Genetics (C&S)..... B		2 100

¹College, \$14,226; Station, \$11,927.

		<i>Salary</i>
28. E. D. Walker, Associate, Agronomy Extension (E).....		.....
(See Smith-Lever fund.....)	D	3 200)
29. F. F. Riecken, Associate, Soil Survey (S).....		.....
(See Bankhead-Jones Research fund.....)	D	2 400)
30. E. P. Whiteside, Associate, Soil Survey (S).....		.....
(See Bankhead-Jones Research fund.....)	D	2 100)
31. J. C. Anderson, First Assistant, Soil Fertility (S).....	D	1 630
32. C. H. Farnham, First Assistant, Soil Experiment Fields (S)...	D	2 200
33. P. E. Johnson, First Assistant, Soil Experiment Fields (S)...	D	2 100
34. R. F. Fuelleman, First Assistant, Crop Production (C&S)...	D 8	200
(See Bankhead-Jones Research fund.....)	D92	2 400)
(Total salary.....)		2 600)
35. R. T. Odell, First Assistant, Soil Physics and Soil Survey (S) D		1 900
36. L. F. Marriott, Assistant, Soil Experiment Fields (S).....	D	1 700
37. M. D. Appleman, Assistant, Soil Biology (S).....	D47	800
(See Hatch fund.....)	D53	900)
(Total salary.....)		1 700)
38. I. R. Hoener, Assistant, Soil Fertility (S).....	D	1 600
39. E. E. Cockrum, Assistant, Crop Production (S).....		.....
(See Bankhead-Jones Research fund.....)	D	1 800)
40. T. G. Pearce, Jr., Assistant, Soil Physics and Soil Survey (S) D		1 600
41. _____, Assistant, Crop Production (C).....	D	1 600
42. R. R. Copper, Assistant, Crop Production (S).....		.....
(Paid from Corn Testing Revolving fund.....)	D	1 800)
43. R. B. Musgrave, Assistant, Crop Production (C&S).....	D15	250
(See Hatch fund.....)	D35	590)
(Total salary.....)		840)
44. S. R. Dickman, Assistant, Soil Survey Analysis (S).....	D50	720
45. W. C. Templeton, Jr., Assistant, Crop Production (C).....	D50	720
46. J. B. Fehrenbacher, Assistant, Soil Survey (S).....		.....
(See Bankhead-Jones Research fund.....)	D50	840)
47. J. S. McVickar, Assistant, Soil Survey (S).....		.....
(See Bankhead-Jones Research fund.....)	D50	840)
48. L. T. Kurtz, Assistant, Soil Survey Analysis (S).....	D50	720
49. Cecelia E. Schlarman, Chief Clerk (C.S.).....	D	2 000
50. Lulu B. Meyers, Senior Clerk (C.S.).....	D	1 800
51. Rosa M. Nickell, Stenographer (C.S.).....	D	1 320
52. Mrs. Orlena L. Leischner, Stenographer (C.S.).....	D	1 140
53. Nettie M. Smith, Stenographer (C.S.).....	D	1 020
54. Mrs. Kathryn C. Jordan, Stenographer.....		.....
(See Smith-Lever fund.....)	D	1 080)
55. Betty A. Schmitt, Typist (C.S.).....	D	1 020
56. Bertha E. Coe, File Clerk (C.S.).....	D	1 080
57. C. C. Chapman, Scientific Assistant, <i>Retired</i> , November 1, 1939		1 435
58. F. W. Gault, Scientific Assistant, <i>Retired</i>		1 007
59. John Dawson, Laborer, <i>Retired</i>		465
60. J. D. Smith, Laborer, <i>Retired</i>		559
<i>Sub-total, Salaries</i>		(111 744) ¹
61. Wages.....	H	26 480
<i>Total, Agronomy</i>		\$138 224

Restricted Gift Funds

General Foods Corporation—Study of white corn hybrids

1. W. H. Freeman, Special Research Assistant, Plant Genetics
(Until further notice)..... F50 960

De Kalb Agricultural Association—Study of the development of medium and long-season hybrids

1. W. L. Snelling, Special Research Assistant, Plant Genetics
(Until further notice)..... F50 720

¹College, \$28,918; Station, \$82,826.

Independent Hybrid Producers of Illinois—Study of the production and characteristics of hybrid corn and parent seed stocks

Salary

- | | | |
|---|-----|-----|
| 1. D. G. Thompson, Special Research Assistant, Plant Genetics (Until further notice)..... | F50 | 720 |
|---|-----|-----|

Corn Testing Revolving

- | | | |
|--|---|-----------------|
| 1. R. R. Copper, Assistant, Crop Production (S)..... | D | 1 800 |
| 2. Wages..... | H | 2 150 |
| <i>Total, Corn Testing Revolving.....</i> | | <i>\$ 3 950</i> |

Animal Husbandry

- | | | |
|---|-----|----------|
| 1. ———, Professor (C) and Chief (S), Head of Department..... | A | \$ 6 000 |
| 2. H. P. Rusk, Professor (C), Cattle Husbandry..... | A | ..... |
| Dean (C) and Director (S&E)..... | B | ..... |
| (Salary under Administration) | | |
| 3. Robert Graham, Professor (C&E) and Chief (S), Animal Pathology and Hygiene..... | A75 | 4 200 |
| (See Smith-Lever fund.....) | A25 | 1 400) |
| (Total salary.....) | | 5 600) |
| 4. J. L. Edmonds, Professor (C) and Chief (S), Horse Husbandry..... | A | 5 000 |
| 5. L. E. Card, Professor (C) and Chief (S), Poultry Husbandry..... | A | 6 000 |
| 6. W. E. Carroll, Professor (C) and Chief (S), Swine Husbandry..... | A | 5 000 |
| 7. H. H. Mitchell, Professor (C) and Chief (S), Animal Nutrition..... | A75 | 4 100 |
| (See Adams fund.....) | A25 | 1 400) |
| (Total salary.....) | | 5 500) |
| 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. Sleeter Bull, Professor (C) and Chief (S), Meats..... | A67 | 3 000 |
| (See Purnell fund.....) | A33 | 1 500) |
| (Total salary.....) | | 4 500) |
| 11. R. R. Snapp, Professor (C) and Chief (S), Beef Cattle Husbandry..... | A | 4 000 |
| 12. W. G. Kammblade, Professor (C) and Chief (S), Sheep Husbandry..... | A | 4 000 |
| 13. H. S. Grindley, Professor, Animal Nutrition (C), <i>Emeritus</i> | | 2 000 |
| 14. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E)..... | A | ..... |
| (See Smith-Lever fund.....) | | 4 200) |
| 15. T. S. Hamilton, Associate Professor (C) and Associate Chief (S), Animal Nutrition..... | A66 | 2 668 |
| (See Adams fund.....) | A17 | 666) |
| (See Bankhead-Jones Research fund.....) | A17 | 666) |
| (Total salary.....) | | 4 000) |
| 16. ———, Associate Professor (E) and Associate Chief (S), Animal Pathology and Hygiene..... |  | ..... |
| (Paid from State Department of Agriculture.....) | A | 3 900) |
| 17. H. H. Alp, Assistant Professor, Poultry Extension (E)..... | B | 3 700) |
| (See Smith-Lever fund.....) | | |
| 18. J. H. Longwell, Assistant Professor (E) and Assistant Chief (S), Pasture Improvement..... | D25 | 750 |
| (See Bankhead-Jones Research fund.....) | D50 | 1 500) |
| (See Smith-Lever fund.....) | D25 | 750) |
| (Total salary.....) | | 3 000) |
| 19. C. W. Crawford, Assistant Professor (C) and Assistant Chief (S), Horse Husbandry..... | D | 3 000 |

20. Jesse Sampson, Assistant Professor (E) and Assistant Chief (S), Animal Pathology and Hygiene	B83	Salary 3 000
(See Smith-Lever fund)	B17	600)
(Total salary)		3 600)
21. L. E. Boley, Associate, Animal Pathology and Hygiene (S) (Paid from State Department of Agriculture)	D	2 700)
22. H. G. Russell, Associate, Animal Husbandry Extension (E) (See Smith-Lever fund)	D	3 000)
23. B. R. Burmester, Instructor (C) and First Assistant (S), Animal Physiology	D75	1 800
(See Bankhead-Jones Research fund)	D25	600)
(Total salary)		2 400)
24. M. Helen Keith, First Assistant, Animal Nutrition (S), <i>Emerita</i>		879
25. Jessie R. Beadles, Assistant, Animal Nutrition (S)	D50	800
(See Adams fund)	D50	800)
(Total salary)		1 600)
26. Frank Simpson, Assistant, Animal Nutrition (S)		1 140)
(See Adams fund)	D73	420)
(See Bankhead-Jones Research fund)	D27	560)
(Total salary)		2 700)
27. J. B. Shields, Assistant, Animal Nutrition (S)	D	2 000)
28. J. M. Severens, Assistant, Animal Genetics (S)	D	1 000
(See Bankhead-Jones Research fund)	D67	500)
29. Mrs. Elizabeth Curzon, Assistant, Animal Nutrition (S)	D33	1 500)
(See Adams fund)		2 000)
(Total salary)		2 400)
30. N. D. Levine, Assistant Animal Parasitologist (S)	D	2 400
(Paid from State Department of Agriculture)	D	1 500
31. H. R. Hester, Assistant, Animal Pathology and Hygiene (C&S)	D	600
32. H. W. Bean, Assistant (S)	D75	1 800)
33. J. A. Henderson, Assistant, Animal Pathology and Hygiene (S&E)	D25	360
(See Smith-Lever fund)	D75	720)
(Total salary)		1 080)
34. F. I. Nakamura, Assistant, Animal Nutrition (S)		500)
(See Adams fund)	D28	300)
(See Bankhead-Jones Research fund)	D72	1 800)
(Total salary)		1 500)
35. N. H. Casselberry, Assistant in Animal Pathology and Hygiene (S)	D	240
(Paid from State Department of Agriculture)	D13	660)
36. W. T. Haines, Laboratory Technician, Animal Nutrition (S) (See Bankhead-Jones Research fund)	D87	1 900)
(Total salary)		360
37. ———, Assistant (C&S)	D25	720)
(See Bankhead-Jones Research fund)	D50	1 080)
(Total salary)		600
38. I. F. Edwards, Assistant (C&S)	D33	300)
(See Bankhead-Jones Research fund)	D17	900)
(Total salary)		720
39. J. O. Alberts, Assistant, Animal Pathology and Hygiene (S)	D50	200
40. Bruce Varney, Assistant, Poultry Husbandry (C&S)	D50	720
41. ———, Assistant, Animal Pathology and Hygiene (S)	D50	720
42. ———, Assistant (C&S)	D50	600
43. R. S. Glasscock, Assistant (C&S)	E50	720
44. J. W. Howder, Assistant, Animal Genetics (S)	D50	2 200
45. Josephine Schmalhausen, Executive Clerk (C.S.)	D	500
46. Mrs. Mary P. Sudduth, Stenographer (C.S.)	D	

		<i>Salary</i>
47. Mrs. Margaret Schrader, Senior Clerk (C.S.).....	D	1 350
48. Katherine L. Stiegemeier, Stenographer (C.S.).....	D	1 380
49. Blanche Hays, Stenographer (C.S.).....	D	1 260
50. Mrs. Ethylene O. Campbell, Stenographer (C.S.).....	D	1 320
51. Leah M. Dunn, Stenographer (C.S.).....	D	1 200
52. F. Ruby Stokes, Stenographer (C.S.).....	D	1 080
53. Mrs. Winona Harbaugh, Stenographer.....		.....
(See Smith-Lever fund.....)	D	1 140)
54. Margaret Rothfus, Clerk (C.S.).....	D	1 080
55. W. C. Jones, Laborer, <i>Retired</i>		540
56. J. L. Heddins, Laborer, <i>Retired</i>		904
57. S. W. Kilton, Laborer, <i>Retired</i>		820
<i>Sub-total, Salaries</i>		(86 911) ¹
58. Wages.....	H	50 905
<i>Total, Animal Husbandry</i>		\$137 816

Restricted Gift Funds

Aluminum Company of America and Pennsylvania Salt Company— Physiological effects of fluorine

1. Margaret Lawrenz, Special Research Assistant, Animal Nutrition (Until further notice)..... F 2 400

American Dry Milk Institute, Inc.—Calcium in foods

1. B. W. Fairbanks, Special Research Associate Professor (C) and Special Research Associate Chief (S) (Until further notice)..... F 4 200

Starline Incorporated—Hay silage

1. T. A. Birkhimer, Special Research Assistant, Animal Nutrition (Until further notice)..... F40 600)
(See Food Machinery Company, Chemical Study of Crushed Hay..... F60 900)
(Total salary..... I 500)

Food Machinery Company—Chemical study of crushed hay

1. T. A. Birkhimer, Special Research Assistant, Animal Nutrition (Until further notice)..... F60 900)
(See Starline Inc., Hay Silage..... F40 600)
(Total salary..... I 500)

Dairy Husbandry

1. H. A. Ruehe, Professor (C) and Chief (S), Dairy Manufacturers, Head of Department..... A \$ 6 500
2. W. L. Gaines, Professor (C) and Chief (S), Milk Production.. A46 1 800
(See Hatch fund..... A54 2 100)
(Total salary..... 3 900)
3. M. J. Prucha, Professor (C) and Chief (S), Dairy Bacteriology A66 2 900
(See Hatch fund..... A34 1 500)
(Total salary..... 4 400)
4. W. W. Yapp, Professor (C) and Chief (S), Dairy Cattle.... A 4 250
5. C. S. Rhode, Professor, Dairy Husbandry Extension (E).... A
(See Smith-Lever fund..... A 4 500)
6. W. B. Nevens, Professor (C) and Chief (S), Dairy Cattle Feeding..... A69 2 775
(See Hatch fund..... A31 1 225)
(Total salary..... 4 000)

¹College, \$30,718; Station, \$56,193.

			Salary
7. P. H. Tracy, Professor (C) and Chief (S), Dairy Manufactures	A33		1 500
(See Dairy Creamery.....)	A67		3 000
(Total salary.....)			4 500
8. O. R. Overman, Professor (C) and Chief (S), Dairy Chemistry	A		4 000
9. W. J. Fraser, Professor, Dairy Farming (C), <i>Emeritus</i>			1 834
10. R. W. Bartlett, Associate Professor (C) and Associate Chief (S)			.....
(Salary under Agricultural Economics)			
11. J. M. Brannon, Assistant Professor (C) and Assistant Chief			
(S), Dairy Bacteriology.....	B54		1 575
(See Hatch fund.....)	B46		1 325)
(Total salary.....)			2 900)
12. S. L. Tuckey, Assistant Professor (C) and Assistant Chief (S),			
Dairy Manufactures.....	D		2 900
13. A. F. Kuhlman, Associate (C&S).....	D58		1 400
(See Dairy Official Test Station.....)	D42		1 000)
(Total salary.....)			2 400)
14. B. F. Whitmore, Associate, Dairy Husbandry Extension (E)			.....
(See Smith-Lever fund.....)	D		2 800)
15. J. G. Cash, Associate, Dairy Husbandry Extension (E).....			.....
(See Smith-Lever fund.....)	D		2 600)
16. W. J. Corbett, First Assistant (S).....			.....
(See Bankhead-Jones Research fund.....)	D		2 100)
17. S. G. Menefee, Assistant, Dairy Chemistry (C&S).....	D		1 700
18. A. J. Hahn, Assistant, Dairy Manufactures (C&S).....	D		1 700
19. E. E. Ormiston, Assistant, Dairy Production (C&S).....	D		1 900
20. K. E. Harshbarger, Assistant, Dairy Production (C&S).....	D		1 500
21. R. E. Heyl, Assistant, Dairy Manufactures (C&S).....	D50		720
22. A. C. Maack, Assistant, Dairy Manufactures (C&S).....	D50		720
23. Roberta J. Buckley, Secretary (C.S.).....	D		1 700
24. Mrs. Ellen L. Fabert, Stenographer (C.S.).....	D		1 260
25. Frances M. Godfrey, Stenographer (C.S.).....	D		1 260
26. Helen M. Hawk, Stenographer (C.S.).....	D67		760
(See Dairy Official Test Station.....)	D33		380)
(Total salary.....)			1 140)
27. _____, Stenographer.....			.....
(See Smith-Lever fund.....)	D		1 080)
28. _____, Stenographer (C.S.).....	D		1 020
29. G. A. Pickens, Clerk (C.S.).....	D		1 020
30. Margaret C. Clancy, Stenographer and Clerk (C.S.).....			.....
(See Dairy Creamery.....)	D		1 140)
31. W. T. Marsh, Laborer, <i>Retired</i>			345
32. A. C. Vogele, Laborer, <i>Retired</i>			579
33. E. H. Soughers, Laborer, <i>Retired</i>			465
Sub-total, Salaries.....			(48 083) ¹
35. Wages.....	H		29 765
Total, Dairy Husbandry.....			\$ 77 848
<i>Dairy Creamery</i>			
1. P. H. Tracy, Professor (C) and Chief (S), Dairy Manufactures.....	A67		3 000
(See Dairy Husbandry.....)	A33		1 500)
(Total salary.....)			4 500)
2. Margaret C. Clancy, Stenographer and Clerk (C.S.).....	D		1 140
Sub-total, Salaries.....			(4 140)
3. Wages.....	H		12 850
Total, Dairy Creamery.....			\$ 16 990

¹College, \$25,101; Station, \$22,982.

Dairy Official Test Station

		<i>Salary</i>
1. A. F. Kuhlman, Associate (C&S).....	D42	1 000
(See Dairy Husbandry.....)	D58	1 400)
(Total salary.....)		2 400)
2. Helen M. Hawk, Stenographer (C.S.).....	D33	380
(See Dairy Husbandry.....)	D67	760)
(Total salary.....)		1 140)
<i>Sub-total, Salaries.....</i>		(1 380)
3. Wages.....	H	3 500
<i>Total, Dairy Official Test Station.....</i>		\$ 4 880

*Restricted Gift Fund**A. E. Staley Company—Study of sweetening agents derived from corn*

1. G. J. Edman, Special Research Assistant (Until Feb. 1, 1940)	F50	720
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Forestry

1. J. N. Spaeth, Professor (C) and Chief (S), Head of Department.....	A70	\$ 3 850
(See Bankhead-Jones Research fund.....)	A30	1 650)
(Total salary.....)		5 500)
2. J. E. Davis, Extension Forester and Assistant Professor, Forestry Extension (E).....		.....
(See Smith-Lever fund.....)	B17	600)
(From Federal Clarke-McNary funds, U.S.D.A.....)	D45	1 620)
(From State Natural History Survey.....)	D38	1 380)
(Total salary.....)		3 600)
3. R. W. Lorenz, Associate (S&E).....		.....
(See Bankhead-Jones Research fund.....)	D68	1 900)
(See Smith-Lever fund.....)	D32	900)
(Total salary.....)		2 800)
4. L. B. Culver, Assistant, Forestry Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 200)
5. Ruth E. Rogers, Stenographer.....		.....
(See Smith-Lever fund.....)	D75	990)
(See Bankhead-Jones Research fund.....)	D25	330)
(Total salary.....)		1 320)
<i>Total, Forestry (all College).....</i>		\$ 3 850

Home Economics

1. J. Lita Bane, Professor and Head of Department (C) and Vice-Director Extension Work in Home Economics (E).....	A86	\$ 4 925
(See Smith-Lever fund.....)	A14	825)
(Total salary.....)		5 750)
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, Professor (C) and Chief (S), Nutrition (On leave June, July, August, 1940, with full pay.).....	A60	2 260
(See Purnell fund.....)	A40	1 490)
(Total salary.....)		3 750)
5. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension (E) and Associate Professor (C).....	A 9	350
(See Smith-Lever fund.....)	A91	3 650)
(Total salary.....)		4 000)
6. ———, Associate Professor (C) and Associate Chief (S), Household Management.....	D56	2 000
(See Bankhead-Jones Research fund.....)	D44	1 600)
(Total salary.....)		3 600)

		<i>Salary</i>
7. Fannie M. Brooks, Assistant Professor, Health Education (C&E).....	B 7	230
(See Smith-Lever fund.....)	B93	2 970)
(Total salary.....)		3 200)
8. Harriet T. Barto, Assistant Professor, Dietetics (C).....	B	3 300
9. Eda A. Jacobsen, Assistant Professor (C).....	B	2 800
10. Edna E. Walls, Assistant Professor, Child Development and Parent Education (C&E).....	E 7	200
(See Smith-Lever fund.....)	E93	2 700)
(Total salary.....)		2 900)
11. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E).....		.....
(See Smith-Lever fund.....)	B	3 000)
12. E. Evelyn Smith, Assistant Professor, Institution Management (C).....	B	3 300
13. Virginia H. Weaver, Assistant Professor (C).....	B	3 100
14. Mary C. Whitlock, Assistant Professor (C).....	B	2 600
15. Mary F. Reed, Assistant Professor, Household Management (C).....	D33	1 000
16. Florence M. King, Assistant Professor (C).....	B	2 500
17. Mary L. Chase, Assistant State Leader and Assistant Professor, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	B	3 300)
18. Anna W. Searl, Assistant State Leader and Assistant Professor, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	B	3 000)
19. Edna R. Gray, Assistant Professor, Clothing Extension (E).. (See Smith-Lever fund.....)	B	3 000)
20. Gladys J. Ward, Assistant Professor, Home Management Extension (E).....		.....
(See Smith-Lever fund.....)	B	3 000)
21. 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)
22. Helen Eades, Associate (C).....	B	2 300
23. Dorothy J. Iwig, Associate, Home Furnishings Extension (E) (See Smith-Lever fund.....)	D	2 300)
(Leave of absence from Aug. 1, 1939, to Feb. 29, 1940; six months with full pay and one month without pay)		
24. Majel M. MacMasters, Associate (C&S).....	D18	375
(See Purnell fund.....)	D73	1 525)
(See Bankhead-Jones Research fund.....)	D 9	200)
(Total salary.....)		2 100)
25. Glenna A. Henderson, Associate (C).....	D	2 000
26. Mary A. McKee, Associate, Girls' 4-H Club Work (E)..... (See Smith-Lever fund.....)	D	2 800)
(On leave with half pay for 1939-1940)		
27. Lulu S. Black, Assistant State Leader and Associate, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 640)
28. Cleo Fitzsimmons, Associate, Rural Youth Extension (E).. (See Smith-Lever fund.....)	D	2 800)
29. Erma Cottingham, District Girls' 4-H Club Adviser and Associate, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 460)
30. Mildred M. Read, Associate, Girls' 4-H Club Work (E)..... (See Smith-Lever fund.....)	D	1 800)
31. _____, Associate, Health, Child Development, and Parent Education Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 400)

		<i>Salary</i>
32. Mrs. Elsie R. Butler, District Girls' 4-H Club Adviser and Associate, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 200)
33. Florence A. Kimmelshue, Associate, Girls' 4-H Club Work (E).....		.....
(See Smith-Lever fund.....)	D	2 200)
34. Fern Carl, Associate, Clothing Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 400)
35. Mildred R. Chapin, Instructor (C).....	E	1 800
36. Elizabeth R. Rogosheski, Instructor (C).....	E	1 800
37. Agnes M. Doster, Instructor (C).....	E15	300
38. Margaret R. Goodyear, Instructor (C).....	E	1 500
39. Williamina E. Armstrong, Instructor (C&S).....	D50	1 100
(See Purnell fund.....)	D50	1 100)
(Total salary.....)		2 200)
40. Dorothea C. Siebert, Instructor (C).....	E50	900
(See Home Economics Education fund.....)	E50	900)
(Total salary.....)		1 800)
41. Helen K. Klaas, First Assistant (S).....		.....
(See Purnell fund.....)	E59	1 000)
(See Bankhead-Jones Research fund.....)	E41	700)
(Total salary.....)		1 700)
42. Mary Stansifer, Home Adviser at Large and First Assistant, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 100)
43. Mrs. Helen T. Butner, Home Adviser at Large and First Assistant, Home Economics Extension (E).....		.....
(See Smith-Lever fund.....)	D	2 300)
44. Helen E. Underwood, Assistant, Institution Management (C).....	E40	720
(See Cafeteria.....)	E60	1 080)
(Total salary.....)		1 800)
45. Gertrude A. Esteros, Assistant (C).....	E	1 350
46. Rosalind E. Mills, Assistant Nutrition (S).....		.....
(See Purnell fund.....)	D	1 700)
47. Mildred E. Anderson, Assistant, Home Accounts (S).....		.....
(See Bankhead-Jones Research fund.....)	D	1 800)
48. Gertrude L. Seyb, Assistant, Girls' 4-H Club Work (E).....		.....
(From unused portion of salary of Mary A. McKee, Item 26, absent on leave, and not included in total.....)	D70	1 400)
(See Smith-Lever fund.....)	D30	600)
(Total salary.....)		2 000)
49. Frances E. Cook, Assistant, Foods Extension (E).....		.....
(See Smith-Lever fund.....)	D	1 800)
50. Herta S. Breiter, Assistant (S).....		.....
(See Purnell fund.....)	D	1 500)
51. Beula V. McKey, Assistant (C&S).....	D56	840
(See Purnell fund.....)	D44	660)
(Total salary.....)		1 500)
52. Ida A. Fisher, Laboratory Assistant (C&S).....	E33	400
(See Purnell fund.....)	E17	200)
(Total salary.....)		600)
53. Louise A. Seiter, Assistant (S).....		.....
(See Bankhead-Jones Research fund.....)	E50	600)
54. C. M. Wilson, Assistant (S).....		.....
(See Bankhead-Jones Research fund.....)	E50	600)
55. ———, Assistant (C).....		.....
(See Cafeteria.....)	E50	600)
56. Esther J. Rutherford, Laboratory Assistant (C).....	E50	600
57. ———, Assistant, Home Accounts Extension (E).....		.....
(See Smith-Lever fund.....)	D50	720)
58. ———, Assistant (C).....	D25	360

		<i>Salary</i>
59. Mildred Bonnell, Assistant (C).....	E20	300
(See Residence Halls.....)	E80	1 000)
(Total salary.....)		1 300)
60. Bessie E. Packard, Secretary.....	D	1 900
61. Mrs. Neva B. Klockner, Stenographer and Clerk.....		.....
(See Smith-Lever fund.....)	D	1 800)
62. Marybel Eversole, Stenographer (C.S.).....	D	1 320
63. Mrs. Stephanie P. Chase, Stenographer and Clerk.....		.....
(See Smith-Lever fund.....)	D	1 200)
64. Mrs. Ruth H. Clements, Stenographer.....		.....
(See Smith-Lever fund.....)	D	1 140)
65. Mrs. Alberta K. Eleman, Stenographer.....		.....
(See Smith-Lever fund.....)	D	1 080)
66. Jane Bacon, Stenographer.....		.....
(See Bankhead-Jones Research fund.....)	D89	960)
(See Purnell fund.....)	D11	120)
(Total salary.....)		1 080)
67. Mabel I. O'Neill, Stenographer.....		.....
(See Smith-Lever fund.....)	D	1 020)
68. ———, Stenographer.....		.....
(See Smith-Lever fund.....)	D	960)
69. ———, Stenographer and Clerk (C.S.).....	D	960
70. ———, Stenographer.....		.....
(See Smith-Lever fund.....)	D	960)
71. ———, Laboratory Caretaker (C.S.).....	D72	650
(From Building Operation.....)	D28	250)
(Total salary.....)		900)
72. Mrs. Mary L. Ryan, Caretaker, <i>Retired</i>	G67	288
(From Building Operation.....)	G33	144)
(Total salary.....)		432)
73. County Home Advisers (See Smith-Lever fund, Item 108)..<		.....
<i>Sub-total, Salaries</i>		(55 288)
74. Wages.....	H	750
<i>Total, Home Economics (all College)</i>		\$ 56 038

Home Economics Cafeteria

1. Helen E. Underwood (See Home Economics, Item 44).....	E60	1 080
2. ——— (See Home Economics, Item 55).....	E50	600
<i>Sub-total, Salaries</i>		(1 680)
3. Wages.....	H	2 420
<i>Total, Home Economics Cafeteria</i>		\$ 4 100

Horticulture

1. ———, Professor (C) and Chief (S), Horticulture; Head of Department.....	A	\$ 6 000
2. J. W. Lloyd, Professor (C) and Chief (S), Horticulture; Acting Head of Department.....	D	5 500
Professor (C) and Chief (S), Fruit and Vegetable Market- ing, in Department of Agricultural Economics.....	A	.....
(Paid from Item 1)		
3. H. B. Dorner, Professor (C) and Chief (S), Floriculture.....	A	5 000
4. M. J. Dorsey, Professor (C) and Chief (S), Pomology.....	A	5 000
5. W. A. Ruth, Professor (C) and Chief (S), Pomological Physi- ology.....	A	4 300
6. A. S. Colby, Professor, Pomology (C) and Chief, Small Fruit Culture (S).....	A	4 200
7. H. W. Anderson, Professor (C) and Chief (S), Pomological Pathology.....	A	4 200

8. ———, Professor (C) and Chief (S), Olericulture (Paid from Item 2 and not included in total.		Salary 4 600)
9. S. W. Hall, Professor (C) and Chief (S), Floriculture.	A	4 000
10. W. A. Huelsen, Professor (C) and Chief (S), Olericulture. . .	A	4 000
11. F. F. Weinard, Associate Professor (C) and Associate Chief (S), Floricultural Physiology.	A	3 600
12. V. W. Kelley, Associate Professor, Horticulture Extension (E). ....		.....
(See Smith-Lever fund.	A	3 500)
13. ———, Associate Professor (C) and Associate Chief (S), Pomology.	D	2 600
14. J. P. McCollum, Assistant Professor (C) and Assistant Chief (S), Olericulture.	B	3 200
15. R. L. McMunn, Assistant Professor (C) and Assistant Chief (S), Pomology.	B	3 000
16. H. H. Thornberry, Assistant Professor (C) and Assistant Chief (S), Plant Pathology.	B	3 200
17. H. W. Gilbert, Assistant Professor, Landscape Gardening Extension (E). ....		.....
(See Smith-Lever fund.	D	3 200)
18. J. B. Corns, Assistant Professor, Olericulture Extension (E)..		.....
(See Smith-Lever fund.	D	2 600)
19. ———, Assistant Professor (C) and Assistant Chief (S), Floricultural Pathology.	D	2 800
20. James Hutchinson, Associate Floriculture (S).	D	3 000
21. L. A. Somers, Associate, Vegetable Gardening Extension (E) (See Smith-Lever fund.	D	2 400)
22. Dwight Powell, Associate, Plant Pathology (S). ....		.....
(See Bankhead-Jones Research fund.	D	2 100)
23. B. L. Weaver, Associate, Olericulture (C&S).	D	2 600
24. W. N. Brown, Associate (S).	D	1 600
25. C. E. Mitchell, Associate, Olericulture (S). ....		.....
(See Bankhead-Jones Research fund.	D	1 440)
26. B. J. Sovey, Assistant, Olericulture (C&S).	D50	800
27. M. E. Dahmus, Assistant (S). ....		.....
(See Adams fund.	D50	800)
28. C. E. Chaplin, Assistant (S).	D	1 380
29. Louise Mosgrove, Executive Clerk (C.S.).	D	2 000 ¹
30. L. Louise Cress, Stenographer and Clerk (C.S.).	D	1 200
31. Dorothea L. Greene, Stenographer and Record-keeper. ....		.....
(See Adams fund.	D	960)
32. G. Estelle Collier, Stenographer (C.S.).	D	1 200
33. Evelyn F. Ellison, Stenographer (C.S.).	D	1 080
34. ———, Stenographer and Clerk (C.S.).	D	960
35. ———, Stenographer. ....		.....
(See Smith-Lever fund.	D	1 020)
36. E. P. Brentlinger, Laborer, <i>Retired</i>		657
37. A. T. Gross, Laborer, <i>Retired</i>		394
Sub-total, Salaries.		(77 471) ²
38. Wages.	H	41 633
Total, Horticulture.		\$119 104

Hatch Fund

Administration

1. Anna C. Glover (See Administration, Item 11).	D88	\$ 3 000
2. J. A. Smith (See Administration, Item 12).	D76	1 900
Sub-total, Administration.		(4 900)

¹Subject to adjustment in Civil Service status.²College, \$33,707; Station, \$43,764.

Agronomy

		<i>Salary</i>
3. G. H. Dungan (See Agronomy, Item 9).....	A60	2 400
4. M. D. Appleman (See Agronomy, Item 37).....	D53	900
5. R. B. Musgrave (See Agronomy, Item 43).....	D35	590
<i>Sub-total, Agronomy</i>		(3 890)

Dairy Husbandry

6. W. L. Gaines (See Dairy Husbandry, Item 2).....	A54	2 100
7. M. J. Prucha (See Dairy Husbandry, Item 3).....	A34	1 500
8. W. B. Nevens (See Dairy Husbandry, Item 6).....	A31	1 225
9. J. M. Brannon (See Dairy Husbandry, Item 11).....	B46	1 325
<i>Sub-total, Dairy Husbandry</i>		(6 150)
<i>Sub-total, Salaries</i>		(14 940)
10. Wages.....	H	60
<i>Total, Hatch Fund</i>		\$ 15 000

Adams Fund*Animal Husbandry*

1. H. H. Mitchell (See Animal Husbandry, Item 7).....	A25	\$ 1 400
2. Elmer Roberts (See Animal Husbandry, Item 8).....	A50	2 000
3. T. S. Hamilton (See Animal Husbandry, Item 15).....	A17	666
4. Jessie R. Beadles (See Animal Husbandry, Item 25).....	A50	800
5. Frank Simpson (See Animal Husbandry, Item 26).....	D73	1 140
6. Mrs. Elizabeth Curzon (See Animal Husbandry, Item 29)...	D33	500
7. F. I. Nakamura (See Animal Husbandry, Item 34).....	D28	500
<i>Sub-total, Animal Husbandry</i>		(7 006)

Horticulture

8. M. E. Dahmus (See Horticulture, Item 27).....	D50	800
9. Dorothea L. Greene (See Horticulture, Item 31).....	D	960
<i>Sub-total, Horticulture</i>		(1 760)
<i>Sub-total, Salaries</i>		(8 766)
10. Wages.....	H	6 234
<i>Total, Adams Fund</i>		\$ 15 000

Purnell Fund*Administration*

1. H. W. Hannah (See Administration, Item 7).....	D23	\$ 674
2. R. J. Webb (See Administration, Item 8).....	D30	533
3. Anna C. Glover (See Administration, Item 11).....	D12	400
4. J. A. Smith (See Administration, Item 12).....	D24	600
5. A. W. Janes (See Administration, Item 13).....	D	1 320
6. Elizabeth B. Cole (See Administration, Item 15).....	D19	450
7. Mildred Hamilton (See Administration, Item 21).....	D	1 260
<i>Sub-total, Administration</i>		(5 237)

Agricultural Economics

8. C. L. Stewart (See Agricultural Economics, Item 4).....	A28	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. P. E. Johnston (See Agricultural Economics, Item 9).....	A12	500
12. E. J. Working (See Agricultural Economics, Item 11).....	A39	1 850
13. R. W. Bartlett (See Agricultural Economics, Item 12).....	A40	1 500
14. G. L. Jordan (See Agricultural Economics, Item 13).....	A20	840
15. D. E. Lindstrom (See Agricultural Economics, Item 14)....	A31	1 150
16. V. A. Ekstrom (See Agricultural Economics, Item 18).....	D	2 600
17. E. N. Searls (See Agricultural Economics, Item 24).....	D50	900
18. K. E. Kinsinger (See Agricultural Economics, Item 26)....	D50	750

		<i>Salary</i>
19. G. A. Lee (See Agricultural Economics, Item 30).....	F16	460
20. G. W. Freemyer (See Agricultural Economics, Item 31)....	D50	840
21. F. G. Warren (See Agricultural Economics, Item 32).....	D50	840
22. L. W. Schruben (See Agricultural Economics, Item 33)....	D50	720
23. ————— (See Agricultural Economics, Item 34).....	D33	720
24. I. S. McArthur (See Agricultural Economics, Item 35).....	D50	720
25. ————— (See Agricultural Economics, Item 44).....	D	1 020
26. Zelma C. Holl (See Agricultural Economics, Item 45).....	D	1 080
<i>Sub-total, Agricultural Economics</i>		(22 315)

Animal Husbandry

27. Sleeter Bull (See Animal Husbandry, Item 10).....	A33	1 500
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Home Economics

28. Sybil Woodruff (See Home Economics, Item 3).....	A30	1 200
29. Julia P. Outhouse (See Home Economics, Item 4).....	A40	1 490
30. Mrs. Ruth C. Freeman (See Home Economics, Item 21)....	D36	855
31. Majel M. MacMasters (See Home Economics, Item 24)....	D73	1 525
32. Williamina E. Armstrong (See Home Economics, Item 39)	D50	1 100
33. Helen K. Klaas (See Home Economics, Item 41).....	E59	1 000
34. Rosalind E. Mills (See Home Economics, Item 46).....	D	1 700
35. Herta S. Breiter (See Home Economics, Item 50).....	D	1 500
36. Beula V. McKey (See Home Economics, Item 51).....	D44	660
37. Ida A. Fisher (See Home Economics, Item 52).....	E17	200
38. Jane Bacon (See Home Economics, Item 66).....	D11	120
<i>Sub-total, Home Economics</i>		(11 350)
<i>Total, Salaries</i>		(40 402)
39. Wages.....	H	7 219
<i>Total, Purnell Fund</i>		\$ 47 621

Bankhead-Jones Research Fund*Carbohydrates Project*

1. T. S. Hamilton (See Animal Husbandry, Item 15).....	A17	\$ 666
2. Frank Simpson (See Animal Husbandry, Item 26).....	D27	420
3. F. I. Nakamura (See Animal Husbandry, Item 34).....	D72	1 300
4. W. T. Haines (See Animal Husbandry, Item 36).....	D87	1 660
<i>Total, Carbohydrates Project</i>		(4 046)

Crop Composition Project

5. Mrs. Mary F. Mauk (See Administration, Item 17).....	D20	300
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New Uses Dairy Products Project

6. W. J. Corbett (See Dairy Husbandry, Item 16).....	D	2 100
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Farm Organization and Farm Management Project

7. W. A. Herrington (See Agricultural Economics, Item 17)...	D	3 200
8. A. H. Harrington (See Agricultural Economics, Item 36)....	D50	720
9. Mrs. Mary F. Mauk (See Administration, Item 17).....	D20	300
<i>Total, Farm Organization and Farm Management Project</i>		(4 220)

Forestry Project

10. J. N. Spaeth (See Forestry, Item 1).....	A30	1 650
11. R. W. Lorenz (See Forestry, Item 3).....	D68	1 900
12. Ruth E. Rogers (See Forestry, Item 5).....	D23	330
<i>Total, Forestry Project</i>		(3 880)

Home Accounts Project

13. ————— (See Home Economics, Item 6).....	D44	1 600
14. Mildred E. Anderson (See Home Economics, Item 47).....	D	.....
<i>Total, Home Accounts Project</i>		(1 600)

Human Element Project

		<i>Salary</i>
15. G. T. Hudson (See Agricultural Economics, Item 28).....	D75	1 275
16. R. B. McKenzie (See Agricultural Economics, Item 37)....	D50	720
<i>Total, Human Element Project</i>		(1 995)

Operating and Improvement Costs Project

17. H. P. Bateman (See Agricultural Engineering, Item 9).....	D	2 000
18. _____ (See Agricultural Engineering, Item 11)....	D	1 500
19. Mrs. Mary F. Mauk (See Administration, Item 17).....	D20	300
<i>Total, Operating and Improvement Costs Project</i>		(3 800)

Pasture Project

20. R. F. Fuelleman (See Agronomy, Item 34).....	D92	2 400
21. J. H. Longwell (See Animal Husbandry, Item 18).....	D50	1 500
22. _____ (See Animal Husbandry, Item 37).....	D50	720
23. I. F. Edwards (See Animal Husbandry, Item 38).....	D17	300
24. _____ (See Administration, Item 24).....	D33	340
<i>Total, Pasture Project</i>		(5 260)

Preservation of Foods Project

25. Helen K. Klaas (See Home Economics, Item 41).....	E12	200
26. Louise A. Seiter (See Home Economics, Item 53).....	E50	600
27. C. M. Wilson (See Home Economics, Item 54).....	E50	600
<i>Total, Preservation of Foods Project</i>		(1 400)

Resistance to Disease Project

28. B. R. Burmester (See Animal Husbandry, Item 23).....	D25	600
29. J. M. Severens (See Animal Husbandry, Item 28).....	D	2 000
30. Mrs. Mary F. Mauk (See Administration, Item 17).....	D20	300
<i>Total, Resistance to Disease Project</i>		(2 900)

Soil Survey Project

31. F. F. Riecken (See Agronomy, Item 29).....	D	2 400
32. E. P. Whiteside (See Agronomy, Item 30).....	D	2 100
33. J. B. Fehrenbacher (See Agronomy, Item 46).....	D50	840
34. J. S. McVickar (See Agronomy, Item 47).....	D50	840
35. _____ (See Administration, Item 24).....	D33	340
<i>Total, Soil Survey Project</i>		(6 520)

Soybeans as Food Project

36. Majel M. MacMasters (See Home Economics, Item 24)....	D 9	200
37. Helen K. Klaas (See Home Economics, Item 41).....	E29	500
38. Jane Bacon (See Home Economics, Item 66).....	D89	960
<i>Total, Soybeans as Food Project</i>		(1 660)

Spray Program Improvement Project

39. Dwight Powell (See Horticulture, Item 22).....	D	2 100
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Use of Income Project

40. N. O. Thompson (See Agricultural Economics, Item 25)....	D	1 800
41. Mildred E. Anderson (See Home Economics, Item 47).....	D	1 800
42. Mrs. Mary F. Mauk (See Administration, Item 17).....	D20	300
<i>Total, Use of Income Project</i>		(3 900)

Vegetable Crops Project

43. C. E. Mitchell (See Horticulture, Item 25).....	D	1 440
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Weed Control Project

		<i>Salary</i>
44. C. W. Veach (See Agricultural Engineering, Item 10)	D	2 000
45. E. E. Cockrum (See Agronomy, Item 39)	D	1 800
46. ————— (See Administration, Item 24)	D34	340
<i>Total, Weed Control Project</i>		(4 140)
<i>Total, Salaries</i>		(51 261)
47. Wages	H	9 729
<i>Total, Bankhead-Jones Research Fund</i>		\$ 60 990

**Extension Service in Agriculture and Home Economics
Smith-Lever Fund**

(Includes Bankhead-Jones Extension Fund)

ADMINISTRATION*Administration*

1. H. P. Rusk, Dean of College of Agriculture (C); Director of Agricultural Experiment Station (S); Director of Extension Service in Agriculture and Home Economics (E)	B25	\$ 2 100
Professor, Cattle Husbandry (C)	A	.....
(See Administration	B75	6 150)
(Total salary		8 250)
2. J. C. Spitler, Assistant Director of Extension Service in Agriculture and Home Economics (E); Professor, Agricultural Extension (C); and State Leader of Farm Advisers (E)	A46	2 500
(See Smith-Lever Farm Advisers	A45	2 500)
(See Administration	A 9	500)
(Total salary		5 500)
3. H. W. Hannah, Assistant to the Dean (C) and to the Director (S&E) and Associate, Agricultural Economics (C)	D61	1 844
(See Purnell fund	D23	674)
(See Administration	D16	482)
(Total salary		3 000)
4. R. J. Webb, Assistant to the Dean (C) and to the Director (S&E)	D46	833
(See Purnell fund	D30	533)
(See Administration	D24	434)
(Total salary		1 800)
5. D. M. Hall, Extension Project Supervisor and Assistant Professor, Agricultural Extension	B	3 200
6. Elizabeth B. Cole, Specialist in Office Organization and Management (S&E) (Federal)	D81	1 950
(See Purnell fund	D19	450)
(Total salary		2 400)
7. Blanche L. Lewis, Executive Clerk	D	2 300
8. Bess Riggs, Chief Clerk (C.S.)	D17	300
(See Administration	D83	1 500)
(Total salary		1 800)
9. Mrs. Mellie G. Holt, File Clerk	D	1 320
10. Audrey E. Wood, Stenographer and Clerk	D	1 380
11. Ruth E. Klein, Stenographer	D	960
12. —————, Stenographer	D	1 140
13. Louise A. Westerbeek, Stenographer and Bookkeeper	D	1 320
14. Dorothy E. Lane, Stenographer	D	1 020
15. Wages	H	12 120
<i>Sub-total, Administration</i>		(34 287)

Extension Editors

16. F. J. Keilholz, Extension Editor and Associate Professor, Agricultural Extension (CS&E)	A80	4 000
(See Administration	A20	1 000)
(Total salary		5 000)

17. S. D. Coleman, Assistant Extension Editor and Associate, Agricultural Extension (E).....	D	Salary 2 700
18. Candace A. Hurley, Assistant Extension Editor and Assistant, Agricultural Extension (E).....	D	2 000
19. T. N. Mangner, Assistant, Radio Extension (E).....	D	2 400
20. Mrs. Lester M. Friend, Stenographer.....	D	1 200
Sub-total, Extension Editors.....		(12 300)

Farm Advisers and Supervisors

21. J. C. Spittler, Assistant Director of Extension Service in Agriculture and Home Economics (E); Professor, Agricultural Extension (C); and State Leader of Farm Advisers (E).....	A45	2 500
(See Smith-Lever Administration.....)	A46	2 500)
(See Administration.....)	A 9	500)
(Total salary.....)		5 500)
22. F. E. Longmire, Assistant State Leader of Farm Advisers and Associate Professor, Agricultural Extension (E).....	A	4 400
23. J. D. Bilsborrow, Assistant State Leader of Farm Advisers, with rank of Assistant Professor (E).....	B	4 400
24. ———, Assistant State Leader of Farm Advisers and Associate, Agricultural Extension (E).....	D	2 500
25. J. B. Andrews, Administrative Assistant and Assistant Professor, Agricultural Extension (E).....	B	4 200
26. O. L. Whalin, Assistant Professor, Agricultural Extension (E).....	B	3 400
27. ———, Assistant, Agricultural Extension (E).....	D	2 400
28. F. A. Painter, Farm Adviser at Large and Associate, Agricultural Extension (E).....	D	2 300
29. H. H. Gordon, Farm Adviser at Large and Associate, Agricultural Extension (E).....	D	2 600
30. ———, Farm Adviser at Large and Assistant, Agricultural Extension (E).....	D	2 400
31. ———, Farm Adviser at Large and Assistant, Agricultural Extension (E).....	D	2 400
32. ———, District Supervisor (E).....	D	2 400
33. ———, District Supervisor (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. <i>County Farm Advisers:</i>		
97 at \$720 a year, S-L & B-J combined ¹		69 840
(From State Department of Agriculture ²)		107 500)
(97 at \$1,828.25 a year, Federal and State ³)	D	177 340)
40. Mrs. Margaret O. Fisher, Stenographer.....	D	1 320
41. Benita L. Winget, Stenographer and Bookkeeper.....	D	1 200
42. Lottie M. Shaffer, Stenographer.....	D	1 020
43. <i>County Clerical Help:</i>		
Clerical Help for 97 Farm Advisers.....	H	38 000
Sub-total, Farm Advisers.....		(161 680)

¹To be increased in June, 1940, 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, 1939, to June 30, 1940, 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.

Rural Youth:

		<i>Salary</i>
44. L. L. Colvis, Assistant, Rural Youth Extension (E).....	D	2 700
45. Cornelia Schlorff, Stenographer.....	D	1 080
<i>Sub-total, Rural Youth.....</i>		<i>(3 780)</i>

Boys' 4-H Club Work

46. E. I. Pilchard, Assistant Professor, Agricultural Extension (E) B		3 500
47. F. H. Mynard, Associate, Boys' 4-H Club Work (E).....	D	2 600
48. R. G. Benbow, Associate, Boys' 4-H Club Work (E).....	D	2 500
49. O. F. Gaebe, Associate, Boys' 4-H Club Work (E).....	D	2 400
50. H. L. Jepson, Associate, Boys' 4-H Club Work (E).....	D	2 300
51. Dorothy E. Hanke, Stenographer.....	D	1 200
<i>Sub-total, Boys' 4-H Club Work.....</i>		<i>(14 500)</i>

AGRICULTURAL ECONOMICS

52. L. J. Norton, Professor, Agricultural Economics (C&E) and Chief, Agricultural Marketing (S).....	A27	1 400
(See Agricultural Economics.....)	A73	3 700)
(Total salary.....)		5 100)
53. M. L. Mosher, Professor, Farm Management Extension (E)...	A50	2 250
54. P. E. Johnston, Associate Professor (C&E) and Associate Chief (S), Agricultural Economics.....	A18	750
(See Purnell fund.....)	A12	500)
(See Agricultural Economics.....)	A70	2 950)
(Total salary.....)		4 200)
55. D. E. Lindstrom, Associate Professor (C&E) and Associate Chief (S), Rural Sociology.....	A46	1 700
(See Purnell fund.....)	A31	1 150)
(See Agricultural Economics.....)	A23	850)
(Total salary.....)		3 700)
56. J. B. Cunningham, Assistant Professor, Farm Management Extension (E).....	B	3 600
57. E. M. Hughes, Assistant Professor, Agricultural Economics Extension (E).....	D	3 000
58. E. H. Regnier, Associate, Rural Sociology Extension (E)...	D	2 400
59. L. H. Simerl, Associate, Agricultural Marketing Extension (E)	D	2 500
60. R. J. Mutti, Assistant, Agricultural Economics Extension (E)	D	1 600
61. _____, Assistant, Agricultural Economics Extension (E).....	D	1 440
62. Adah F. McInnes, Stenographer.....	D	1 140
63. _____, Stenographer.....	D	1 020
64. Wages.....	H	1 040
<i>Sub-total, Agricultural Economics.....</i>		<i>(23 840)</i>

AGRICULTURAL ENGINEERING

65. R. R. Parks, Assistant Professor, Agricultural Engineering Extension (E).....	B	3 200
66. R. C. Hay, Associate, Agricultural Engineering Extension (E)	D	2 700
67. Mrs. Lenore K. France, Stenographer.....	D	1 140
<i>Sub-total, Agricultural Engineering.....</i>		<i>(7 040)</i>

AGRONOMY

68. J. C. Hackleman, Professor, Crops Extension (E).....	A	4 750
69. C. M. Linsley, Assistant Professor, Soils Extension (E)....	B50	2 000
70. E. D. Walker, Associate, Agronomy Extension (E).....	D	3 200
71. Mrs. Kathryn C. Jordan, Stenographer.....	D	1 080
<i>Sub-total, Agronomy.....</i>		<i>(11 030)</i>

ANIMAL HUSBANDRY

Animal Husbandry

72. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E).....	A	4 200
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73. J. H. Longwell, Assistant Professor (E) and Assistant Chief (S), Pasture Improvement.....	D25	Salary 750
(See Bankhead-Jones Research fund.....)	D50	1 500)
(See Animal Husbandry.....)	D25	750)
(Total salary.....)		3 000)
74. H. G. Russell, Associate, Animal Husbandry Extension (E)...	D	3 000
75. Mrs. Winona Harbaugh, Stenographer.....	D	1 140

Animal Pathology

76. Robert Graham, Professor (C&E) and Chief (S), Animal Pathology and Hygiene.....	A25	1 400
(See Animal Husbandry.....)	A75	4 200)
(Total salary.....)		5 600)
77. Jesse Sampson, Associate, Animal Pathology and Hygiene (S&E).....	D17	600
(See Animal Husbandry.....)	D83	3 000)
(Total salary.....)		3 600)
78. J. A. Henderson, Assistant, Animal Pathology and Hygiene (S&E).....	D75	1 800
(See Animal Husbandry.....)	D25	600)
(Total salary.....)		2 400)

Poultry Husbandry

79. H. H. Alp, Assistant Professor, Poultry Extension (E).....	B	3 700
Sub-total, <i>Animal Husbandry</i>		(16 590)

DAIRY HUSBANDRY

80. C. S. Rhode, Professor, Dairy Husbandry Extension (E)....	A	4 500
81. B. F. Whitmore, Associate, Dairy Husbandry Extension (E) D		2 800
82. J. G. Cash, Associate, Dairy Husbandry Extension (E)....	D	2 600
83. _____, Stenographer.....	D	1 080
Sub-total, <i>Dairy Husbandry</i>		(10 980)

FORESTRY

84. J. E. Davis, Extension Forester and Assistant Professor, Forestry Extension (E).....	B17	600
(From Federal Clarke-McNary fund U.S.D.A. ¹)	D45	1 620)
(From State Natural History Survey.....)	D38	1 380)
(Total salary.....)		3 600)
85. R. W. Lorenz, Associate, Forestry (S&E).....	D32	900
(See Bankhead-Jones Research fund.....)	D68	1 900)
(Total salary.....)		2 800)
86. L. B. Culver, Assistant, Forestry Extension (E).....	D	2 200
87. Ruth E. Rogers, Stenographer.....	D75	990
(See Bankhead-Jones Research fund.....)	D25	330)
(Total salary.....)		1 320)
88. Wages.....	H	820
Sub-total, <i>Forestry</i>		(5 510)

HORTICULTURE

89. V. W. Kelley, Associate Professor, Horticulture Extension (E) A		3 500
90. H. W. Gilbert, Assistant Professor, Landscape Gardening Extension (E).....	D	3 200
91. J. B. Corns, Assistant Professor, Olericulture Extension (E) D		2 600
92. L. A. Somers, Associate, Vegetable Gardening Extension (E) D		2 400
93. _____, Stenographer.....	D	1 020
Sub-total, <i>Horticulture</i>		(12 720)

¹The Federal Clarke-McNary fund for the fiscal year July 1, 1939, to June 30, 1940, 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.

HOME ECONOMICS

Salary

Home Advisers and Supervisors

94. J. Lita Bane, Professor and Head of Department (C), and Vice-Director, Extension Work in Home Economics (E)	A14	825
(See Home Economics)	A86	4 925)
(Total salary)		5 750)
95. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension (E) and Associate Professor (C)	Ag1	3 650
(See Home Economics)	A 9	350)
(Total salary)		4 000)
96. Mary Louise Chase, Assistant State Leader and Assistant Professor, Home Economics Extension (E)	B	3 300
97. Anna W. Searl, Assistant State Leader and Assistant Professor, Home Economics Extension (E)	B	3 000
98. Lulu S. Black, Assistant State Leader and Associate, Home Economics Extension (E)	D	2 640
99. Mrs. Helen T. Butner, Home Adviser at Large and First Assistant, Home Economics Extension (E)	D	2 300
100. Mary Stansifer, Home Adviser at Large and First Assistant, Home Economics Extension (E)	D	2 100
101. Mrs. Neva B. Klockner, Stenographer and Clerk	D	1 800
102. Mrs. Stephanie P. Chase, Stenographer and Clerk	D	1 200
103. Mrs. Ruth H. Clements, Stenographer	D	1 140
104. Mrs. Alberta K. Eleman, Stenographer	D	1 080
105. Mabel I. O'Neill, Stenographer	D	1 020
106. _____, Stenographer	D	960
107. _____, Stenographer	D	960
108. <i>County Home Advisers:</i>		
35 at \$1,261.53 a year Smith-Lever and Bankhead-Jones combined		44 154
(30 at \$1,261.53 a year Capper-Ketcham)		37 846)
(From State Department of Agriculture ¹)		35 000)
(65 at \$1,800 a year, Federal and State ²)	D	117 000)
109. Wages	H	660
<i>Sub-total, Home Advisers</i>		(70 789)

Child Development and Parent Education

110. Edna E. Walls, Assistant Professor, Child Development and Parent Education (C&E)	E93	2 700
(See Home Economics)	E 7	200)
(Total salary)		2 900)

Clothing

111. Edna R. Gray, Assistant Professor, Clothing Extension (E)	B	3 000
112. Fern Carl, Associate, Clothing Extension (E)	D	2 400
<i>Sub-total, Clothing</i>		(5 300)

Foods and Nutrition

113. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E)	B	3 000
114. Frances E. Cook, Assistant, Foods Extension (E)	D	1 800
<i>Sub-total, Foods and Nutrition</i>		(4 800)

Health Education

115. Fannie M. Brooks, Assistant Professor, Health Education (C&E)	B93	2 970
(See Home Economics)	B 7	230)
(Total salary)		3 200)

¹The State appropriation for the fiscal year July 1, 1939, to June 30, 1940, 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.

²Some of the county home advisers receive additional salary from local Home Bureaus.

116. —————, Associate, Health, Child Development and Parent Education Extension (E).....	D		<i>Salary</i> 2 400
<i>Sub-total, Health Education</i>			(5 370)

Home Furnishings

117. Dorothy J. Iwig, Associate, Home Furnishings Extension (E) (On leave of absence from Aug. 1, 1939, to Feb. 29, 1940; six months with full pay and one month without pay).....	D		2 300
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Home Management

118. Gladys J. Ward, Assistant Professor, Home Management Extension (E).....	B		3 000
119. Mrs. Ruth C. Freeman, Associate, Home Accounts (S&E)...	D64		1 545
(See Purnell fund.....)	D36		855)
(Total salary.....)			2 400)
120. —————, Assistant, Home Accounts Extension (E)...	D50		720
<i>Sub-total, Home Management</i>			(5 265)

Rural Youth

121. Cleo Fitzsimmons, Associate, Rural Youth Extension (E)...	D		2 800
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Girls' 4-H Club Work

122. Mary A. McKee, Associate, Girls' 4-H Club Work (E) (On leave with half pay for 1939-1940).....	D		2 800
123. Erma Cottingham, District Girls' 4-H Club Adviser and Associate, Home Economics Extension (E).....	D		2 460
124. Mildred M. Read, Associate, Girls' 4-H Club Work (E).....	D		1 800
125. Mrs. Elsie R. Butler, District Girls' 4-H Club Adviser and Associate, Home Economics Extension (E).....	D		2 200
126. Florence A. Kimmelshue, Associate, Girls' 4-H Club Work (E).....	D		2 200
127. Gertrude L. Seyb, Assistant, Girls' 4-H Club Work (E).....	D		600
(From unused portion of salary of Mary A. McKee absent on leave, and not included in total.....)			1 400)
(Total salary.....)			2 000)
<i>Sub-total, Girls' 4-H Club Work</i>			(12 060)
<i>Sub-total, Home Economics</i>			(111 484)
<i>Total, Salaries</i>			(411 101)
128. Wages.....	H		14 640
<i>Total, Smith-Lever Fund</i>			\$425 741

Capper-Ketcham Fund1. *County Home Advisers:*

30 at \$1,261.53 a year Capper-Ketcham.....			\$ 37 846
(35 at \$1,261.53 a year Smith-Lever and Bankhead-Jones combined.....)			44 154)
(From State Department of Agriculture ¹)			35 000)
(65 at \$1,800 a year, Federal and State ²)	D		117 000)
<i>Total, Capper-Ketcham Fund</i>			\$ 37 846

LIBRARY SCHOOL

1. —————, Director of the Library and the Library

School.....	B		.....
Professor of Library Science.....	A		.....
(Salary under Library)			

¹The State appropriation for the fiscal year July 1, 1939, to June 30, 1940, 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.

²Some of the county home advisers receive additional salary from local Home Bureaus.

		Salary
2. P. L. Windsor, Director of the Library and the Library School, <i>Emeritus</i> ¹.....		.....
Professor of Library Science, <i>Emeritus</i> ¹.....		.....
(Salary under Library)		
3. Amelia Krieg, Assistant Director of the Library School....	D	.....
Assistant Professor of Library Science.....	B	\$ 3 800
4. Frances Simpson, Associate Professor of Library Economy and Assistant Director, <i>Emerita</i>		1 870
5. Ethel Bond, Associate Professor of Library Science (On leave with full pay for second semester of 1939-1940)...	A	3 400
6. Anne M. Boyd, Associate Professor of Library Science....	A	3 400
7. Marie M. Hostetter, Assistant Professor of Library Science..	D	3 000
8. Rose B. Phelps, Associate in Library Science.....	D	2 800
9. Mildred E. Singleton, Associate in Library Science.....	D	2 500
10. E. W. McDiarmid, Jr., Associate in Library Science.....	D	3 100
11. Mary R. Kinney, Instructor in Library Science.....	E	2 100
12. Willia K. Garver, Lecturer and Order Librarian in the Library	D	.....
(Salary under Library)		
13. A. H. Trotter, Lecturer and Catalog Librarian in the Library	D	.....
(Salary under Library)		
14. Alice S. Johnson, Lecturer and Reference Librarian in the Library.....	D	.....
(Salary under Library)		
15. Fanny Dunlap, Lecturer and Reference Librarian in the Library.....	D	.....
(Salary under Library)		
16. Emma R. Jutton, Lecturer and Loan Librarian in the Library	D	.....
(Salary under Library)		
17. Josie B. Houchens, Lecturer and Binding Librarian in the Library.....	D	.....
(Salary under Library)		
18. Josephine Tharpe, Assistant in Library Science.....	E75	1 050
19. Lois L. Riffe, Assistant in Library Science.....	E75	1 050
20. Cerilla E. Saylor, Assistant in Library Science.....	E75	1 050
21. _____, Assistant in Library Science.....	E50	700
22. Ruth Crossman, Assistant in Library Science.....	E75	1 050
23. Helen D. Small, Stenographer (C.S.).....	D	1 260
24. _____, Stenographer (Student).....	E50	480
<i>Sub-total, Salaries</i>		(32 610)
25. Wages.....	H	690
<i>Total, Library School</i>		\$ 33 300

COLLEGE OF LAW

1. A. J. Harno, Dean.....	B}	60	\$5 750
Professor.....	A}		
(See Provost's Office.....)	D40		
(Total salary.....)			9 600)
2. Sveinbjorn Johnson, Professor.....	A		.....
University Counsel.....	D		.....
(Salary under University Counsel)			
3. Frederick Green, Professor, <i>Emeritus</i>			3 000
4. O. L. McCaskill, Professor.....	A		7 600
5. W. E. Britton, Professor (On leave with full pay for second semester of 1939-1940).....	A		7 600
6. M. I. Schnebly, Professor.....	A		7 600
7. W. L. Summers, Professor.....	A		7 000
8. G. W. Goble, Professor.....	A		7 000
9. G. B. Weisiger, Professor.....	A		5 600
10. H. W. Holt, Professor.....	A		5 400
11. V. E. Ferrall, Associate Professor.....	A		4 300

¹See page 492 for action postponing the retirement of P. L. Windsor.

			<i>Salary</i>
12. R. N. Sullivan, Assistant Professor.....	B		3 600
13. Marian H. Martin, Assistant to the Dean (Exempt).....	D		2 100
14. Dorothy Duncan, Typist (C.S.).....	D50		700
<i>Sub-total, Salaries</i>			(67 250)
15. Wages.....	H		750
<i>Total, College of Law</i>			<u>\$ 68 000</u>

COLLEGE OF FINE AND APPLIED ARTS

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$13 115	\$4 100	\$17 215
Bureau of Community Planning.....	5 135	1 000	6 135
Architecture.....	61 090	1 500	62 590
Art.....	47 996	1 200	49 196
Landscape Architecture.....	20 030	990	21 020
School of Music.....	72 076	3 750	75 826
<i>Sub-total</i>	(219 442)	(12 540)	(231 982)
Revolving Account:			
University Chorus (estimated).....	75	275	350
<i>Total</i>	<u>\$219 517</u>	<u>\$12 815</u>	<u>\$232 332</u>

Expendable Gift and Endowment Funds

Instruction

Carnegie Corporation Professorship in art (Gift Fund).....	\$4 000	.....	\$4 000
Lorado Taft Lectureship (Endowment In- come).....	750	\$250	1 000
<i>Total</i>	<u>\$4 750</u>	<u>\$250</u>	<u>\$5 000</u>

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		2 615
(See Department of Architecture.....)	A50		2 585
(Total salary.....)			5 200
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>			(12 865)
4. Wages.....	H		250
<i>Total, Administration</i>			<u>\$ 13 115</u>

Bureau of Community Planning

1. Rexford Newcomb, Director.....	D		.....
(Salary under Administration)			
2. D. H. Morgan, Community Consultant.....	B		\$ 3 200
3. R. E. Hieronymus, Community Adviser, <i>Emeritus</i>			1 935
<i>Total, Bureau of Community Planning</i>			<u>\$ 5 135</u>

Architecture

1. L. H. Provine, Professor of Architectural Engineering and Head of Department of Architecture.....	A		\$ 6 500
2. Rexford Newcomb, Professor of History of Architecture....	A		.....
(Salary under Administration)			
3. A. F. Deam, Professor.....	A		6 500

			<i>Salary</i>
4.	C. E. Palmer, Professor of Architectural Engineering.....	A50	2 585
	(See Administration.....)	D50	2 615)
	(Total salary.....)		5 200)
5.	N. D. Morgan, Professor of Architectural Engineering.....	A	4 200
6.	G. E. Mylonas, Professor of Classical Art and Archaeology..	A20	1 100
	(See Art.....)	A47	2 566)
	(See Classics.....)	A33	1 834)
	(Total salary.....)		5 500)
7.	J. G. VanDerpool, Professor of the History of Art and Archi- tecture.....	A50	2 500
	(See Art.....)	A50	2 500)
	(Total salary.....)		5 000)
8.	T. E. O'Donnell, Associate Professor.....	A	3 600
9.	F. M. Lescher, Associate Professor.....	A	3 600
10.	O. S. Fjelde, Assistant Professor.....	B	3 200
11.	E. I. Love, Assistant Professor.....	B	3 100
12.	W. H. Scheick, Assistant Professor.....	B	3 100
13.	G. S. Keith, Associate.....	B	2 900
14.	J. E. Sweet, Associate.....	B	2 400
15.	J. E. Branch, Associate.....	B	2 400
16.	E. F. Toth, Associate.....	B	2 200
17.	M. R. Dobberman, Instructor.....	E	2 200
18.	D. B. Lindsay, Instructor.....	E	2 000
19.	J. W. Davis, Instructor.....	E	2 000
20.	Nathan Wilkinson, Instructor.....	E	1 800
21.	J. J. Fiscus, Assistant and Storekeeper (C.S.).....	D	1 630
22.	Mrs. Mildred C. Barber, Clerk and Stenographer (C.S.)....	D	1 500
	<i>Sub-total, Salaries</i>		(61 015)
23.	Wages.....	H	75
	<i>Total, Architecture</i>		\$ 61 090

Art

1.	J. G. VanDerpool, Professor of History of Art and Architec- ture, Head of Department.....	A50	\$ 2 500
	(See Architecture.....)	A50	2 500)
	(Total salary.....)		5 000)
2.	E. J. Lake, Professor, <i>Emeritus</i>		2 015
3.	G. E. Mylonas, Professor of Classical Art and Archaeology..	A47	2 566
	(See Architecture.....)	A20	1 100)
	(See Classics.....)	A33	1 834)
	(Total salary.....)		5 500)
4.	C. E. Bradbury, Associate Professor.....	A	3 850
5.	L. F. Bailey, Associate Professor.....	A	3 700
6.	C. V. Donovan, Associate Professor.....	A	3 400
7.	A. Marie Anderson, Associate.....	B	2 540
8.	W. F. Doolittle, Associate.....	B	2 400
9.	J. W. Kennedy, Associate.....	B	2 800
10.	Louise M. Woodroffe, Associate.....	B	2 500
11.	J. D. Hogan, Associate.....	B	2 600
12.	R. C. Smith, Associate.....	B	2 000
13.	J. R. Shipley, Instructor.....	E	2 200
14.	J. W. Raushenberger, Instructor.....	E	2 000
15.	C. A. Dietemann, Instructor.....	E	2 100
16.	R. E. Hult, Instructor.....	E	2 000
17.	_____, Instructor.....	E	1 700
18.	Carol E. Black, Assistant.....	E	1 600
	<i>Sub-total, Salaries</i>		(44 471)
19.	Wages.....	H	3 525
	<i>Total, Art</i>		\$ 47 996

<i>Carnegie Visiting Professorship in Art</i>		Salary
1. D. W. Nichols, Carnegie Visiting Professor of Art.....	D	\$ 4 000
Landscape Architecture		
1. O. G. Schaffer, Professor and Head of Department.....	A	\$ 4 800
2. K. B. Lohmann, Professor.....	A	4 400
3. S. H. White, Professor.....	A	4 300
4. Harland Bartholomew, Non-resident Professor of Civic Design.....	B20	1 000
5. I. L. Peterson, Assistant Professor.....	D70	1 900
6. Florence B. Robinson, Assistant Professor.....	B	3 000
7. Mildred H. Bowers, Clerk (C.S.).....	D14	200
(See Library.....)	D86	1 400)
(Total salary.....)		1 600)
<i>Sub-total, Salaries</i>		(19 600)
8. Wages.....	H	430
<i>Total, Landscape Architecture</i>		\$ 20 030

School of Music		
1. F. B. Stiven, Director.....	B	\$ 6 500
2. A. A. Harding, Professor.....	A33	2 150
(See Military Bands.....)	A67	4 350)
(Total salary.....)		6 500)
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.....	A	3 300
6. Sherman Schoonmaker, Associate Professor.....	A	3 200
7. W. G. Hill, Associate Professor.....	A	3 250
8. W. L. Roosa, Assistant Professor.....	B	3 000
9. Arthur Beresford, Assistant Professor, <i>Emeritus</i>	B	1 095
10. Jane C. Watt, Assistant Professor.....	B	3 000
11. Hubert Kessler, Assistant Professor.....	B	2 725
12. LeRoy Hamp, Assistant Professor.....	B	3 100
13. H. M. Kauffman, Assistant Professor of Music Education..	D25	650
(See College of Education.....)	D75	1 950)
(Total salary.....)		2 600)
14. Dorothy E. Bowen, Assistant Professor.....	B	2 600
15. M. H. Hindsley, Assistant Professor.....	B50	1 500
(See Military Bands.....)	D50	1 900)
(Total salary.....)		3 400)
16. Edith M. Usry, Associate.....	B	2 400
17. B. R. Foote, Associate.....	B	2 600
18. Stanley Fletcher, Associate.....	B	2 600
19. Duane Branigan, Associate.....	B	2 400
20. L. F. Demming, Associate.....	D25	.....
(See Radio Station.....)	D75	2 500)
21. Velma I. Kitchell, Associate in Music Education.....	D50	1 200
(See College of Education.....)	D50	1 200)
(Total salary.....)		2 400)
22. Kathryn J. Sutherland, Instructor.....	E	2 250
23. Stella R. Percival, Instructor.....	E80	1 650
24. A. E. Cohen, Instructor.....	E	2 000
25. _____, Instructor.....	E	1 800
26. J. G. Metcalf, Instructor.....	E	1 920
27. Nellie M. Stuart, Instructor.....	E	1 650
28. K. L. Wilson, Instructor.....	E	1 700
29. C. E. Sawhill, Instructor.....	E75	1 800
(See Military Bands.....)	E25	500)
(Total salary.....)		2 300)
30. R. E. Roberts, Assistant.....	E	1 500

31. _____, Assistant.....	E33	<i>Salary</i> 500
32. Eleven Student Assistantships in University Orchestra at \$35 a semester.....		770
33. Lillian Marr, Stenographer and Clerk (C.S.).....	D	1 320
<i>Sub-total, Salaries</i>		(69 806)
34. Wages.....	H	2 270
<i>Total, Music</i>		<u>\$ 72 076</u>

GRADUATE SCHOOL

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$14 950	\$2 200	\$17 150
Scholarships and Fellowships.....	40 000	.....	40 000
Publications ¹ :			
Illinois Studies.....	.....	9 000	9 000
Journal of English and Germanic Philology.....	.....	3 000	3 000
General Publications.....	.....	1 000	1 000
Research:			
General.....	28 000 ²	27 000	55 000
Illinois Historical Survey.....	750 ²	2 250	3 000
<i>Total</i>	<u>\$83 700</u>	<u>\$44 450</u>	<u>\$128 150</u>

Administration

		<i>Salary</i>
1. R. D. Carmichael, Dean.....	B	\$ 9 000
Professor of Mathematics.....	A	.....
2. H. M. Gray, Assistant Dean.....	D25	1 250
(See Economics.....)	A75	2 850)
<i>Total salary</i>		4 100)
3. Lida E. Voight, Secretary to the Dean (Exempt).....	D	2 500
4. _____, Stenographer (C.S.).....	D	1 200
5. Therese Stadler, Stenographer (C.S.).....	D75	900
<i>Sub-total, Salaries</i>		(14 850)
6. Wages.....	H	100
<i>Total, Administration</i>		<u>\$ 14 950</u>

SCHOOL OF PHYSICAL EDUCATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 9 800	\$ 1 200	\$ 11 000
Physical Education:			
Men.....	55 100	12 870	67 970
Women.....	27 800	6 255	34 055
Health Service:			
Urbana.....	57 050	3 640	60 690
Chicago.....	5 430	570	6 000
<i>Total, Health Service</i>	<u>(62 480)</u>	<u>(4 210)</u>	<u>(66 690)</u>
<i>Total</i>	<u>\$155 180</u>	<u>\$24 535</u>	<u>\$179 715</u>

Expendable Gift and Endowment Funds

Instruction (endowment income):

Women students physical welfare.....	\$350	\$350
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¹Subject to transfer within the total.²Estimate.

Administration

			Salary
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		700
(See Physical Education for Men	D75		2 000)
(From Athletic Association			200)
(Total salary			2 900)
3. Helen E. Johnson, Secretary (C.S.)	D		1 440
Sub-total, Salaries			(8 140)
4. Wages	H		1 660
Total, Administration		\$	9 800

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. G. T. Stafford, Professor	A		4 500
4. W. S. Wilson, Associate Professor	A		1 500
Director of Intercollegiate Athletics	B		.....
(From Athletic Association			4 500)
(Total salary			6 000)
5. C. O. Jackson, Assistant Professor	D50		1 600
(See College of Education	D50		1 600)
(Total salary			3 200)
6. H. D. Price, Assistant Professor	D		1 700
(From Athletic Association			1 800)
(Total salary			3 500)
7. H. E. Kenney, Assistant Professor	D		1 900
(From Athletic Association			1 600)
(Total salary			3 500)
8. A. S. Daniels, Assistant Professor	D		3 000
(From Athletic Association			500)
(Total salary			3 500)
9. W. W. Brown, Assistant Professor	D75		2 000
(See Administration	D25		700)
(From Athletic Association			200)
(Total salary			2 900)
10. W. H. Roettger, Associate	D		1 300
(From Athletic Association			3 400)
(Total salary			4 700)
11. D. R. Mills, Associate	D		1 000
(From Athletic Association			4 500)
(Total salary			5 500)
12. E. J. Manley, Associate	D		2 000
(From Athletic Association			800)
(Total salary			2 800)
13. L. T. Johnson, Associate	D		750
(From Athletic Association			3 100)
(Total salary			3 850)
14. H. L. Gill, Associate, <i>Emeritus</i>	D		.....
(From Athletic Association			1 000)
15. H. W. Craig, Associate	D		2 400
16. Raymond Eliot, Associate	D		1 000
(From Athletic Association			2 600)
(Total salary			3 600)

			<i>Salary</i>
17.	H. C. Paterson, Associate.....	D	1 600
	(From Athletic Association.....)		1 300)
	(Total salary.....)		2 900)
18.	G. C. Law, Instructor.....	E	1 700
	(From Athletic Association.....)		550)
	(Total salary.....)		2 250)
19.	W. J. Treece, Instructor.....	E	2 100
	(From Athletic Association.....)		150)
	(Total salary.....)		2 250)
20.	A. M. Jennings, Instructor.....	E	1 400
	(From Athletic Association.....)		400)
	(Total salary.....)		1 800)
21.	A. E. Florio, Instructor.....	E	2 000
22.	M. J. Chapman, Instructor.....	E	1 100
	(From Athletic Association.....)		1 100)
	(Total salary.....)		2 200)
23.	R. E. Fletcher, Instructor.....	E	1 000
	(From Athletic Association.....)		2 500)
	(Total salary.....)		3 500)
24.	H. J. Braun, Instructor.....	E	1 300
	(From Athletic Association.....)		700)
	(Total salary.....)		2 000)
25.	R. O. Duncan, Instructor.....	E	1 700
	(From Athletic Association.....)		300)
	(Total salary.....)		2 000)
26.	_____, Instructor.....	E	1 800
27.	D. M. Bullock, Assistant.....	E	.....
	(From Athletic Association.....)		2 400)
	(Total salary.....)		2 400)
28.	A. B. Klingel, Assistant.....	E	800
	(From Athletic Association.....)		1 200)
	(Total salary.....)		2 000)
29.	A. V. H. Sapora, Assistant.....	E80	1 300
30.	C. R. Kovacic, Assistant.....	E80	1 300
31.	F. W. Kasch, Assistant (Chicago Departments).....	E67	1 000
32.	J. L. Jackson, Assistant.....	E50	450
	(From Athletic Association.....)		350)
	(Total salary.....)		800)
33.	N. M. Lance, Assistant.....	E50	700
34.	_____, Assistant.....	E50	700
35.	_____, Assistant.....	E50	700
36.	Clara Brown, Stenographer (C.S.).....	D	1 500
	<i>Sub-total, Salaries: Physical Education for Men.....</i>		(50 400)
	<i>Sub-total, Salaries: Athletic Association.....</i>		(43 350)
37.	Wages.....	H	4 700
	<i>Total, Physical Education for Men.....</i>		\$ 55 100
	<i>Total, Athletic Association.....</i>		\$ 43 350

Physical Education for Women

1.	Louise Freer, Professor and Head of Department.....	A	\$ 4 400
2.	Mary F. Lawson, Assistant Professor.....	D50	1 500)
	(See Education.....)	D50	1 500)
	(Total salary.....)		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.	Martha J. Vaught, Instructor.....	E	1 900
7.	Enid Schnauber, Instructor.....	E	1 900
8.	_____, Instructor.....	E	1 700

		<i>Salary</i>
9. Delta T. Hinkel, Instructor.....	E	1 800
10. Jane Lawyer, Assistant.....	E	1 700
11. Esther Davey, Assistant.....	E ₅₀	700
12. ———, Assistant.....	E ₄₀	600
13. Florence L. Fair, Stenographer (C.S.).....	D	1 200
<i>Sub-total, Salaries.....</i>		(25 350)
14. Wages.....	H	2 450
<i>Total, Physical Education for Women.....</i>		\$ 27 800

Health Service, Urbana

1. J. H. Beard, Professor of Hygiene, Head of the Department	A	.....
University Health Officer.....	D	\$ 6 500
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	4 250
4. H. C. Gebhart, Assistant Professor of Hygiene, Medical		
Adviser for Men.....	D	3 500
5. L. N. Judah, Assistant Professor of Hygiene, Medical Adviser		
for Men.....	D	3 500
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. Lucy G. Coon, Associate in Hygiene, Medical Adviser for		
Women.....	D	2 700
9. M. P. Mains, Associate in Hygiene, Medical Adviser for Men	D	3 300
10. ———, Instructor in Hygiene, Medical Adviser for		
Men.....	D	3 000
11. Anita V. Green, Instructor in Hygiene, Medical Adviser for		
Women.....	D	2 500
12. Marjorie M. Smarzo, Instructor in Hygiene, Medical Adviser		
for Women.....	D	2 700
13. R. B. Montgomery, Instructor in Hygiene, Medical Adviser		
for Men.....	D	3 000
14. M. F. Hanson, Instructor in Hygiene, Medical Adviser for Men	D	2 800
15. ———, Assistant to the Health Officer (C.S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(48 650)
16. Wages.....	H	8 400
<i>Total, Health Service, Urbana.....</i>		\$ 57 050

Health Service, Chicago Departments

1. W. W. Dalitsch, Health Officer of Chicago Departments....	D ₅₀	\$ 2 400
(See Medicine.....)	D ₁₂	381)
(Total salary.....)		2 781)
2. ———, Medical Assistant to the Health Officer....	D ₅₀	1 200
3. ———, Medical Assistant to the Health Officer....	D ₅₀	1 200
<i>Sub-total, Salaries.....</i>		(4 800)
4. Wages.....	H	630
<i>Total, Health Service, Chicago Departments.....</i>		\$ 5 430

MILITARY DEPARTMENT

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Military.....	\$12 500	\$4 820	\$17 320
Revolving Account (estimated).....	.....	800	800
<i>Total.....</i>	<i>\$12 500</i>	<i>\$5 620</i>	<i>\$18 120</i>

Administration

		<i>Salary</i>
1. F. R. Brown, Professor, Military Science and Tactics	D	\$ 900 ¹
2. K. S. Stice, Supply Officer, R.O.T.C.	D	600 ¹
3. A. Pinsenshaum, Property Clerk	D	1 400 ²
4. F. W. Kistenmacher, Clerk	D	600 ¹
5. E. A. Moore, Storekeeper	D	360 ¹
6. S. E. Berbaum, Mechanic (C.S.)	D	1 500
7. B. J. Kahrhoff, Storekeeper (C.S.)	D	1 200
8. Mrs. Jennie L. McWilliams, Secretary (C.S.)	D	1 680
9. Mrs. Frances L. Brockway, Stenographer (C.S.)	D	1 320
10. Marie Doyle, Stenographer (C.S.)	D	1 320
11. Helen Byland, Stenographer (C.S.)	D	1 200
Sub-total, Salaries		(12 080)
12. Wages	H	420
<i>Total, Military</i>		\$ 12 500

MILITARY BANDS**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Military Bands	\$13 050	\$1 975	\$15 025
Revolving Account		3 200	3 200
<i>Total</i>	\$13 050	\$5 175	\$18 225

Administration

		<i>Salary</i>
1. A. A. Harding, Director	A67	\$ 4 350
(See School of Music)	A33	2 150)
(Total salary)		6 500)
2. M. H. Hindsley, Assistant Director	D50	1 900
(See School of Music)	B50	1 500)
(Total salary)		3 400)
3. C. E. Sawhill, Instructor	E25	500
(See School of Music)	E75	1 800)
(Total salary)		2 300)
4. Mrs. Velma I. Roberts, Secretary (C.S.)	D63	1 000
5. Student assistantships for bandmen and services of other essential bandmen during Commencement week	F	4 000
<i>Sub-total, Salaries</i>		(11 750)
6. Wages	H	1 300
<i>Total, Military Bands</i>		\$ 13 050

SUMMER SESSION

1. R. B. Browne, Acting Director	D12	\$ 750
(See Extension)	D68	3 500)
(See Education)	D20	1 000)
(Total salary)		5 250)
2. Lillian Hart, Executive Clerk (Exempt)	D20	480
(See Education)	D80	2 020)
(Total salary)		2 500)
3. Frances Patton, Stenographer (C.S.)	D40	500
(See Education)	D60	880)
(Total salary)		1 380)
4. Academic Salaries and High School Salaries (subject to ap- proval of detailed list)		123 470
<i>Sub-total, Salaries</i>		(125 200)
5. Wages	H	1 500
<i>Total, Summer Session</i>		\$126 700

¹Receives additional salary as member of United States Army.²On United States Army retired list.

COLLEGE OF MEDICINE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$17 770	\$5 048	\$22 818
Equipment (all departments).....	.....	3 000	3 000
Anaesthesia.....	6 100	2 800	8 900
Animal Hospital.....	6 540	.....	6 540
Anatomy.....	37 523	6 450	43 973
Dermatology.....	9 714	1 806	11 520
Dispensary:			
General.....	39 285	4 920	44 205
Orthopaedic.....	3 820	700	4 520
<i>Total</i>	(43 105)	(5 620)	(48 725)
Hospital Laboratory.....	20 200	5 100	25 300
Laryngology, Rhinology, and Otology.....	9 250	2 500	11 750
Medicine.....	35 039	6 825	41 864
Neurology and Neurological Surgery.....	27 980	2 400	30 380
Obstetrics and Gynecology.....	21 106	5 250	26 356
Ophthalmology.....	6 170	1 245	7 415
Orthopaedics.....	24 830	4 978	29 808
Pathology, Bacteriology, and Public Health:			
Pathology.....	29 060	7 236	36 396
Bacteriology and Public Health.....	20 000	6 975	26 975
<i>Total</i>	(49 060)	(14 211)	(63 271)
Pediatrics.....	13 435	3 263	16 698
Pharmacology, Materia Medica, and Therapeutics	19 940	4 488	24 428
Physiological Chemistry.....	24 364	5 126	29 490
Physiology.....	32 050	5 808	37 858
Psychiatry.....	18 120	2 130	20 250
Roentgenology.....	17 760	8 115	25 875
Surgery.....	31 862	10 685	42 547
Medical and Dental Illustration ¹	(10 600)	(90)	(10 690)
<i>Total</i>	\$471 918	\$106 848	\$578 766

¹Entire amount chargeable to other accounts in Medicine and Dentistry.

Expendable Gift and Endowment Income Funds*Instruction* (endowment income):

Obstetrics and Gynecology:			
Charles Sumner Bacon lectureship.....	\$ 300	.....	\$ 300
Pathology, Bacteriology, and Public Health:			
Adolph Gehrmann lectureship.....	400	\$ 50	450
<i>Total, Instruction</i>	(700)	(50)	(750)

Special Research (gifts unless otherwise indicated)

Administration:

William Beaumont award (endowment income)...	100	.....	100
Sachs residency in tuberculosis.....	1 000	.....	1 000
Anaesthesia:			
Anaesthetic substances.....	200	100	300
Obstetrics and Gynecology:			
Calchicine in treatment of cancer.....	200	.....	200
Pathology, Bacteriology, and Public Health:			
Antiseptic properties of the skin.....	450	150	600
Physicians course in venereals.....	3 000	.....	3 000
Pediatrics:			
Carbohydrates.....	1 250	250	1 500
Milk investigations.....	1 000	.....	1 000
Pharmacology, Materia Medica, and Therapeutics:			
All bran research.....	3 500	1 500	5 000
Phenolphthalein research.....	4 500	1 000	5 500
Physiological Chemistry:			
Effect of yeast on the digestive tract.....	1 200	50	1 250
Physiology:			
Insulin.....	3 000	2 000	5 000
Metrazol.....	2 500	2 500	5 000
Psychiatry:			
Experiments in teaching of psychiatry.....	15 000	.....	15 000
Estimated new projects and renewals.....	3 500	1 300	4 800
<i>Total, Special Research</i>	(40 400)	(8 850)	(49 250)
<i>Total</i>	\$41 100	\$8 900	\$50 000

Administration

		<i>Salary</i>
1. D. J. Davis, Dean.....	B	\$ 8 500
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	2 300
(See Registrar's Office, Chicago.....)	D50	2 300)
(Total salary.....)		4 600)
3. Lois M. Snyder, 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, 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>		(17 740)
7. Wages.....	H	30
<i>Total, Administration</i>		\$ 17 770

Anaesthesia

1. Robbie N. Brunner, Associate.....	D	\$ 3 300
2. Mary S. Sim, Assistant Anaesthetist.....	D	1 800
3. Elizabeth Franklin, Resident.....	H	600 ¹

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		<i>Salary</i>
4. Gwendolyn S. Hudson, Resident.....	H	300 ¹
(From Department of Public Welfare.....)		300)
(Total salary.....)		600)
<i>Sub-total, Salaries.....</i>		(6 000)
5. Wages.....	H	100
<i>Total, Division of Anaesthesia.....</i>		<u>\$ 6 100</u>

Animal Hospital

1. J. H. Bone, Supervisor.....	D	\$ 2 400
2. A. L. Hesse, Technician.....	D	1 500
3. O. K. Bagaason, Attendant.....	D	1 320
4. G. O. Dodd, Laborer (C.S.).....	D	1 320
5. E. F. Sheehan, Attendant (C.S.).....	D	1 260
<i>Total, Division of Animal Hospital.....</i>		<u>\$ 6 540</u>

Anatomy

1. O. F. Kampmeier, Professor and Head of Department.....	A	\$ 6 500
2. A. A. Zimmermann, Professor.....	A	4 200
3. Gerhardt von Bonin, Professor.....	A	4 000
4. A. R. Cooper, Associate Professor.....	A75	3 200
5. Yngve Joranson, Associate Professor.....	A33	1 300
6. R. L. Webb, Associate Professor.....	A	3 800
7. G. L. Zechel, Assistant Professor.....	D25	900
8. P. H. Simer, Assistant Professor.....	D	3 700
9. R. H. Krehbiel, Associate.....	D	2 500
10. M. E. Fisch, Instructor.....	D50	600
11. E. J. Stein, Instructor (8 months from Oct. 1, 1939).....	F25	500
12. Adeline R. White, Assistant, <i>Emerita</i>		213
13. W. M. Craft, Student Assistant (8 months from Oct. 1, 1939) (Exemption from tuition and laboratory fees).....	F25	.....
14. D. M. Clark, Student Assistant (8 months from Oct. 1, 1939) (Exemption from tuition and laboratory fees).....	F25	.....
15. G. H. Miller, Technician.....	D	1 800
16. Mildred E. Tress, Technician.....	D	1 500
17. Mrs. Mae Fork, Technician.....	D50	780
18. Harriet Deere, Graduate Stenographer (C.S.).....	D	1 560
<i>Sub-total, Salaries.....</i>		(37 053)
19. Wages.....	H	470
<i>Total, Anatomy.....</i>		<u>\$ 37 523</u>

Dermatology

1. F. E. Senear, Professor and Head of Department.....	A50	\$ 4 500
2. Theodore Cornbleet, Associate Professor.....	D75	1 180
3. M. R. Caro, Assistant Professor.....	D25	632
4. Herbert Rattner, Assistant Professor.....	D25	632
5. E. R. Pace, Associate.....	D33	480
6. Harold Shellow, Instructor.....	D16	240
7. Doris E. Jennings, Technician.....	D	1 450
8. Paul Weichselbaum, Resident.....	H	600 ¹
<i>Total, Dermatology.....</i>		<u>\$ 9 714</u>

Dispensary

1. M. H. Worthington, Managing Officer of Research and Educational Hospital and Superintendent of Dispensary..	D50	\$ 2 500
(From Department of Public Welfare.....)	D50	2 500)
(Total salary.....)		5 000) ²
2. M. C. Benford, Assistant Superintendent of Dispensary....	D	3 600

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.²Also receives quarters and maintenance from Department of Public Welfare.

			<i>Salary</i>
3.	Clara M. Lowe, Superintendent of Dispensary Nurses (C.S.)..	D	2 000
4.	Frances V. Craig, Assistant Superintendent of Dispensary Nurses (C.S.).....	D	1 900
5.	Hattie C. Larson, Registered Nurse (C.S.).....	D	1 800
6.	Marie M. Sorensen, Registered Nurse (C.S.).....	D	1 805
7.	Teresa J. Robertson, Registered Nurse (C.S.).....	D	1 800
8.	Hazel M. Nelson, Registered Nurse (C.S.).....	D	1 800
9.	Mrs. Thelma Smith, Registered Nurse (C.S.).....	D	1 800
10.	Honora T. Carrigan, Registered Nurse (C.S.).....	D	1 800
11.	Elizabeth Boyd, Registered Nurse (C.S.).....	D	1 800
12.	Emily T. Wodniak, Registered Nurse (C.S.).....	D	1 800
13.	Thelma C. Carroll, Registered Nurse (C.S.).....	D	1 800
14.	Edith Ramsey, Registered Nurse (C.S.).....	D	1 620
15.	Mrs. Lydia Conrad, Record Clerk (C.S.).....	D	1 800
16.	Helen F. Stocking, Senior Clerk (C.S.).....	D	1 500
17.	Irene M. Chott, Junior Clerk (C.S.).....	D	1 200
18.	Fae M. Dillman, Junior Clerk (C.S.).....	D	1 200
19.	Winifred A. Russell, Junior Clerk (C.S.).....	D	1 200
20.	Bernice J. Bernhart, Junior Stenographer (C.S.).....	D	1 140
21.	Helen V. Strano, Junior Stenographer (C.S.).....	D	1 200
22.	John Lardner, Messenger.....	D	1 450
	<i>Sub-total, Salaries</i>		(38 515)
23.	Wages.....	H	770
	<i>Sub-total, General</i>		(39 285)
<i>Orthopaedic</i>			
24.	Alyce Riley, Registered Nurse (C.S.).....	D	1 800
25.	Victoria Jaglowski, Registered Nurse (C.S.).....	D	1 800
	<i>Sub-total, Salaries</i>		(3 600)
26.	Wages.....	H	220
	<i>Sub-total, Orthopaedic</i>		(3 820)
	<i>Total, Dispensary</i>		\$ 43 105
Hospital Laboratory			
1.	S. A. Levinson, Director.....	D75	\$ 3 800
	(Also Associate Professor of Pathology and Assistant Professor of Medicine, without salary)		
2.	R. P. MacFate, Assistant Director.....	D90	3 200
	(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	1 500
7.	Hazel Blank, Assistant.....	D	1 680
8.	Margaret Bell, Assistant.....	D	1 380
9.	K. M. Stobart, Technician.....	D	1 380
10.	Nora M. Angland, Senior Stenographer (C.S.).....	D	1 380
	<i>Sub-total, Salaries</i>		(19 600)
11.	Wages.....	H	600
	<i>Total, Hospital Laboratory</i>		\$ 20 200
Laryngology, Rhinology, and Otology			
1.	F. L. Lederer, Professor and Head of Department.....	A50	\$ 3 000
2.	Hans Brunner, Assistant Professor.....	D50	1 200
3.	L. Z. Fishman, Associate.....	D50	1 200
4.	Paul H. Holinger, Associate.....	D50	1 200
5.	W. J. Loeb, Resident.....	H	600 ¹
6.	Maria E. Elsasser, Technician.....	D	1 450
7.	_____, Technician.....	D50	600
	<i>Total, Laryngology, Rhinology, and Otology</i>		\$ 9 250

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Medicine

			<i>Salary</i>
1.	R. W. Keeton, Professor and Head of Department.....	A50	\$ 4 500
2.	E. S. Moore, Associate Professor, <i>Emeritus</i>		1 762
3.	E. F. Foley, Associate Professor.....	A50	1 500
4.	Albert VanderKloot, Assistant Professor.....	D13	300
5.	J. B. Cipriani, Assistant Professor.....	D13	300
6.	B. O. Barnes, Assistant Professor.....	D42	1 250
	(See Physiology.....)	D58	1 750)
	(Total salary.....)		3 000)
7.	M. H. Streicher, Assistant Professor.....	D50	1 500
8.	Mrs. Carroll L. Birch, Assistant Professor.....	D	3 250
9.	H. O. Deuss, Assistant Professor.....	D13	300
10.	W. W. Dalitsch, Assistant Professor.....	D12	381
	(See Health Service.....)	D50	2 400)
	(Total salary.....)		2 781)
11.	F. K. Hick, Assistant Professor.....	D50	1 500
12.	N. B. Roberg, Associate.....	D50	1 200
13.	H. C. Lueth, Associate.....	D50	1 300
14.	Israel Becker, Associate.....	D50	800
15.	Marion Hood, Associate and Parasitologist.....	D	2 200
16.	....., Associate.....	D13	300
17.	M. L. Afremow, Associate.....	E 5	128
18.	L. R. Limarzi, Associate.....	D50	900
19.	A. B. Kendrick, Associate.....	D	2 200
20.	Frederick Steigmann, Associate.....	D50	600
21.	E. W. Passarelli, Instructor.....	D50	800
22.	J. C. McMillan, Instructor.....	D13	300
23.	M. M. Mosko, Assistant (Payable \$64 at end of each semester)	E5	128
24.	Frances Nan Howard, Assistant and Operator of Electro- cardiograph.....	D50	600
25.	R. D. Weber, Third Year Resident.....	H	1 000 ¹
26.	H. E. Heyer, Second Year Resident.....	H	800 ¹
27.	G. V. Byfield, First Year Resident.....	H	600 ¹
28.	Camilla Jameson, Nurse and Clerk (C.S.).....	D	1 700
29.	Mrs. Lucille Copper Marshall, Graduate Stenographer (C.S.)	D	1 440
30.	Florence Van Buren, Senior Stenographer (C.S.).....	D	1 200
	<i>Sub-total, Salaries</i>		(34 739)
31.	Wages.....	H	300
	<i>Total, Medicine</i>		\$ 35 039

Neurology and Neurological Surgery

1.	Eric Oldberg, Professor and Head of Department.....	A75	\$ 6 400
2.	Percival Bailey, Professor.....	A	10 000
3.	G. B. Hassin, Professor.....	A50	3 500
4.	I. B. Diamond, Assistant Professor.....	D50	1 180
5.	W. A. Gustafson, Associate in Neurological Surgery.....	D75	2 400
6.	Walter Haynes, Assistant and Second Year Resident.....	D	800 ¹
7.	Beatrice Kahn, Technician.....	D	1 720
8.	Mrs. Marie H. Cusic, Junior Stenographer (C.S.).....	D	1 380
	<i>Sub-total, Salaries</i>		(27 380)
9.	Wages.....	H	600
	<i>Total, Neurology and Neurological Surgery</i>		\$ 27 980

Obstetrics and Gynecology

1.	F. H. Falls, Professor and Head of Department.....	A75	\$ 6 750
2.	W. H. Browne, Associate Professor.....	D33	1 000
3.	H. H. Hill, Associate.....	D25	500
	(From State Department of Public Welfare.....)		3 000)
	(Total salary.....)		3 500)

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		<i>Salary</i>
4. Jane R. McLaughlin, Instructor.....	D25	600
(From State Department of Public Welfare.....)		1 320) ¹
(Total salary.....)		1 920)
5. F. J. Roos, Instructor.....	D25	500
6. G. H. Rezek, Instructor.....	D33	500
7. J. R. Wolff, Instructor.....	D25	500
8. V. C. Freda, Instructor.....	D	2 000
9. A. J. Mauzey, Third Year Resident.....	H	1 000 ¹
10. C. D. Krause, Second Year Resident.....	H	800 ¹
11. T. A. McInerney, Assistant and Out-Patient Resident.....	H	600 ¹
12. L. J. Rossiter, Assistant and Technician.....	D50	1 000
(See Surgery.....)	D50	1 000)
(Total salary.....)		2 000)
13. M. Edna Burgess, Supervising Nurse (C.S.).....	D	1 800
14. Eva A. Begg, Supervising Nurse (C.S.).....	D	1 800
15. Esther H. Fiessel, Senior Stenographer (C.S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(20 850)
16. Wages.....	H	256
<i>Total, Obstetrics and Gynecology.....</i>		\$ 21 106

Ophthalmology

1. Hallard Beard, Professor.....	A50	\$ 2 000
2. H. J. Smith, Assistant Professor.....	D25	720
3. Carl Apple, Associate.....	D25	360
4. J. W. Clark, Associate.....	D25	360
5. E. J. Horick, Associate.....	D25	360
6. R. O. Riser, Associate.....	D25	360
7. Roosevelt Brooks, Instructor.....	D25	360
8. Martha R. Folk, Instructor.....	D25	360
9. J. W. Coombs, Resident.....	H	600 ¹
10. Mrs. Joan Osten Dunn, Technician.....	D50	600
<i>Sub-total, Salaries.....</i>		(6 080)
11. Wages.....	H	90
<i>Total, Ophthalmology.....</i>		\$ 6 170

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. P. H. Dube, Assistant and Third Year Resident.....	H	1 000 ¹
5. S. L. Odgers, Assistant and Second Year Resident.....	H	800 ¹
6. W. H. Wright, 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. Virginia Densford, Physiotherapist.....	D	1 380
10. Mary E. Westfall, 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	1 080
16. Ida H. Stephan, Senior Stenographer (C.S.).....	D	1 500
<i>Sub-total, Salaries.....</i>		(24 340)
17. Wages.....	H	490
<i>Total, Orthopaedics.....</i>		\$ 24 830

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>Pathology</i>		
2. W. F. Petersen, Professor.....	A	\$ 6 750
3. Isadore Pilot, Associate Professor.....	A ₅₀	1 720
4. A. J. Nedzel, Associate Professor.....	A	3 600
5. George Milles, Assistant Professor.....	D ₅₀	1 500
6. J. S. Howe, Assistant Professor.....	D	2 200
7. Victor Levine, Associate.....	D ₅₀	900
8. J. A. Tuta, Associate.....	D ₂₅	450
9. Mrs. Frances C. Whitcomb, Assistant.....	D	1 800
10. Nils Siegbahn, Technician.....	D	1 500
11. J. R. Thompson, Technician.....	D	1 560
12. Harold Wagner, Technician.....	D	1 260
13. Ben Goldfeller, Technician.....	D	1 260
14. W. O. Brown, Second Year Resident.....	H	800 ¹
15. _____, First Year Resident.....	H	600 ¹
16. Mildred Rosenberg, Senior Stenographer (C.S.).....	D	1 560
Sub-total, Salaries.....		(27 460)
17. Wages.....	H	1 600
Sub-total, Pathology.....		(29 060)
<i>Bacteriology and Public Health</i>		
18. Lloyd Arnold, Professor.....	A ₈₀	5 140 ²
19. _____, Associate Professor.....	D	4 000
20. H. C. Mason, Instructor.....	D	1 800
21. _____, Instructor.....	D	1 800
22. S. G. Moore, Technician.....	D	1 760
23. Mrs. Hilda Paulsen, Technician.....	D	1 500
24. Marguerite S. Dietrich, Technician.....	D ₅₀	720
25. Frank McClain, Laboratory Helper (C.S.).....	D	1 260
26. Mrs. Gertrude Strand, Laborer (C.S.).....	D	820
Sub-total, Salaries.....		(18 800)
27. Wages.....	H	1 200
Sub-total, Bacteriology and Public Health.....		(20 000)
Total, Pathology, Bacteriology, and Public Health.....		\$ 49 060
Pediatrics		
1. J. H. Hess, Professor and Head of Department.....	A	.....
(Without salary)		
2. H. G. Poncher, Associate Professor.....	A	\$ 4 800
3. I. P. Bronstein, Assistant Professor.....	D	3 400
4. Ralph Spaeth, Instructor (8 months from Oct. 1, 1939).....	F ₅₀	600
5. Mrs. Jeannette C. Ricewasser, Assistant.....	D	1 585
6. Lawrence Breslow, Second Year Resident.....	H	800 ¹
7. L. S. Frank, First Year Resident.....	H	600 ¹
8. Mrs. Edna Loos, Stenographer and Social Service Worker (C.S.).....	D	1 500
Sub-total, Salaries.....		(13 285)
9. Wages.....	H	150
Total, Pediatrics.....		\$ 13 435

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.²Employed one-fifth time by Chicago Board of Health.

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	5 000
3. P. L. Ewing, Assistant Professor.....	D	2 600
4. Josephine M. Dyniewicz, Instructor.....	D50	750
5. J. A. Higgins, Instructor.....	D33	500
6. Philip Blickensdorfer, Instructor.....	D	1 600
7. G. S. Greshiw, Technician.....	D	1 500
8. Polly F. Cline, Graduate Stenographer (C.S.).....	D	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	\$ 6 500
2. Olaf Bergeim, Associate Professor.....	A	3 800
3. A. G. Cole, Assistant Professor.....	D	3 000
4. C. A. Johnson, Associate.....	D	2 400
5. C. C. Harvey, Instructor.....	D	1 400
6. Frances A. Briggs, Instructor.....	D	1 400
7. O. R. Burns, Technician.....	D	1 440
8. W. M. Morris, Technician.....	D	1 320
9. Sara R. Bock, Senior Stenographer (C.S.).....	D	1 450
<i>Sub-total, Salaries</i>		(22 710)
10. Wages.....	H	1 654
<i>Total, Physiological Chemistry</i>		\$ 24 364

Physiology

1. G. E. Wakerlin, Professor and Head of Department.....	A	\$ 6 000
2. _____, Professor.....		4 750
3. Albert Bachem, Professor of Biophysics.....	D	4 400
4. C. I. Reed, Associate Professor.....	A	4 200
5. B. O. Barnes, Assistant Professor.....	D58	.....
(From Item 2.....)		1 750)
(See Medicine.....)	D42	1 250)
(Total salary.....)		3 000)
6. R. C. Ingraham, Associate.....	D	2 400
7. H. C. Struck, Associate.....	D	1 100
(Charged to Item 2.....)		1 100)
(Total salary.....)		2 200)
8. C. W. Darrow, Associate (Charged to Item 2).....	D50	1 200
9. David Minard, Instructor.....	D	2 200
10. Louis Yesinick, Assistant.....	E50	500
11. R. M. House, Assistant.....	E75	500
(Charged to Item 2.....)		700)
(Total salary.....)		1 200)
12. Walter Erhard, Technician.....	D	1 500
13. R. E. Vessey, Technician.....	D	1 360
14. W. R. Taylor, Technician.....	D	1 260
15. Verne B. Barthel, Senior Stenographer (C.S.).....	D	1 380
<i>Sub-total, Salaries</i>		(31 550)
16. Wages.....	H	500
<i>Total, Physiology</i>		\$ 32 050

Psychiatry

1. H. D. Singer, Professor and Head of Department, and Director of Psychiatric Institute.....	A50	\$ 4 500
2. A. A. Low, Assistant Professor.....	D50	1 300
3. D. M. Olkon, Assistant Professor.....	D50	1 200

		Salary
4. Mrs. Irene C. Sherman, Associate.....	D50	1 250
5. Mrs. Beulah C. Bosselman, Associate.....	D50	1 180
(See Rockefeller Foundation Grant.....)	D50	1 800)
(Total salary.....)		2 980)
6. Mandel Sachs, Assistant and Third Year Resident.....	H	1 000 ¹
7. Emil D. Levitin, Assistant and Second Year Resident.....	H	800 ¹
8. J. C. Mergener, 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, Senior Stenographer (C.S.).....	D	1 500
12. Corine Kahn, Senior Stenographer (C.S.).....	D	1 080
<i>Total, Psychiatry.....</i>		<i>\$ 18 120</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. _____, 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. C. Wachowski, Assistant Professor.....	D50	2 000
3. J. W. Grossman, Third Year Resident.....	D	1 000 ¹
4. _____, First Year Resident.....	H	600 ¹
5. Olive H. George, Technician and Registered Nurse (C.S.)...	D	1 800
6. Lydia Scherbarth, X-Ray Technician (C.S.).....	D	1 500
7. Martha Cunningham, Senior Stenographer (C.S.).....	D	1 300
8. A. F. Svoboda, Laboratory Helper (C.S.).....	D	1 260
<i>Sub-total, Salaries.....</i>		<i>(17 460)</i>
9. Wages.....	H	300
<i>Total, Roentgenology.....</i>		<i>\$ 17 760</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	1 200
4. G. W. Post, Associate Professor.....	A12	320
5. R. D. Herrold, Associate Professor.....	A50	2 000
6. Arrie Bamberger, Associate Professor.....	A12	320
7. O. E. Nadeau, Associate Professor.....	D25	600
8. C. B. Puestow, Associate Professor.....	A50	2 080
9. Willard Van Hazel, Associate Professor.....	A50	1 800
10. Geza de Takats, Associate Professor.....	A50	1 800
11. P. J. Sarma, Associate Professor.....	D25	600
12. J. M. Mora, Assistant Professor (Payable \$64 at end of each semester).....	E10	128
13. C. S. Scuderi, Associate.....	D25	600
14. J. H. Kiefer, Associate.....	D75	1 720
15. M. L. Parker, Instructor (Payable \$64 at end of each semester).....	E10	128

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

		<i>Salary</i>
16. Carl Ireneus, Jr., Assistant and Third Year Resident.	D	1 000 ¹
17. Edward Palmer, Assistant and Second Year Resident.	D	800 ¹
18. W. P. Kleitsch, Assistant and First Year Resident.	D	600 ¹
19. L. J. Rossiter, Technician.	D50	1 000
(See Obstetrics and Gynecology.	D50	1 000)
(Total salary.		2 000)
20. Mrs. Eunice Roth, Technician.	D	1 500
21. Annabel Wheeler, Senior Typist (C.S.).	D	1 500
22. ———, Junior Stenographer (C.S.).	D	1 080
<i>Sub-total, Salaries.</i>		(31 096)
23. Wages.	H	766
<i>Total, Surgery.</i>		\$ 31 862

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	2 600
4. Mrs. Nellie M. Frain, Artist in Dental Illustration.	D20	480
5. ———, Artist.	D50	720
<i>Sub-total, Salaries.</i>		(10 000)
6. Wages.	H	600
<i>Total, Medical and Dental Illustration.</i>		\$10 600

Drug Room

(Revolving Stores Account)

1. S. W. Morrison, Pharmacist.	D50	\$ 1 800
(See Pharmacy.	D50	1 800)
(Total salary.		3 600)
2. W. R. Collins, Assistant Pharmacist.	D50	1 200
(See Pharmacy.	D50	1 200)
(Total salary.		2 400)
3. ———, Assistant Pharmacist.	D	1 500
<i>Total, Drug Room Salaries.</i>		\$ 4 500

COLLEGE OF DENTISTRY

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.	\$13 360	\$3 443	\$16 803
Admissions.	5 400	350	5 750
Children's Clinic.	5 600	740	6 340
Histology.	15 130	945	16 075
Illustration. ....	.....	1 365	1 365
Infirmary.	9 813	16 150	25 963
Medical and Dental History.	1 000	.....	1 000
Operative Dentistry.	15 070	1 000	16 070
Oral and Plastic Surgery and Oral Pathology.	15 760	980	16 740
Orthodontia.	8 900	3 245	12 145
Pathology and Therapeutics.	15 500	919	16 419
Prosthetic Dentistry:			
Crowns and Fixed Partial Dentures.	12 200	1 075	13 275
Full Dentures and Removable Partial Dentures	18 790	1 147	19 937
Roentgenology.	1 860	1 590	3 450
<i>Total.</i>	<i>\$138 383</i>	<i>\$32 949</i>	<i>\$171 332</i>

¹Plus maintenance (including room, board, and laundry) furnished by State Department of Public Welfare.

Expendable Gift and Endowment Funds*Special Research (Gift funds):***Histology:**

Fellowship in dental research.....	\$2 000	.....	\$2 000
Teeth structure.....	2 000	\$200	2 200

Orthodontia:

Fellowship in dental research.....	2 000	.....	2 000
<i>Total</i>	\$6 000	\$200	\$6 200

Administration

		<i>Salary</i>
1. F. B. Noyes, Dean.....	D}	
Director of Children's Clinic.....	D} 50	\$ 4 750
Professor of Orthodontia.....	A}	
2. Mrs. Nell S. Talbot, Assistant to the Dean.....	D70	2 750
(See Medical and Dental History.....	D30	1 000)
(Total salary.....		3 750)
3. Mrs. Mildred Warren Spence, Secretary to the Dean.....	D	1 680
4. _____, University Graduate Stenographer (C.S.)..	D	1 320
5. _____, Junior Stenographer (C.S.).....	D	1 020
6. Daniel Lyons, Supply Attendant (C.S.).....	D	1 440
<i>Sub-total, Salaries</i>		(12 960)
7. Wages.....		400
<i>Total, Administration</i>		\$ 13 360

Admissions Department

1. E. J. Krejci, Examiner, Assistant Professor of Operative Dentistry.....	D50	\$ 2 400
2. K. F. Knudtson, Associate (½ day each week) (No salary)...	D10	.....
3. P. L. Lane, Associate (2 half-days each week) (Exemption from tuition and laboratory fees).....	D20	.....
4. H. F. Andree, Instructor (½ day each week) (No salary)...	D10	.....
5. E. W. Renfro, Instructor (½ day each week) (No salary)...	D10	.....
6. _____, Assistant (½ day each week) (No salary)...	D10	.....
7. W. F. Denneman, Assistant (½ day each week) (No salary)...	D10	.....
8. C. C. Forslund, Assistant (½ day each week) (No salary)...	D10	.....
9. _____, Assistant (½ day each week) (No salary)...	D10	.....
10. Carolyn Peterson, Registered Nurse (C.S.).....	D	1 800
11. Mrs. Margaret V. Bartels, Junior Clerk (C.S.).....	D	1 200
<i>Total, Admissions Department</i>		\$ 5 400

Children's Clinic

1. F. B. Noyes, Director.....	D	.....
(Salary under Administration)		
2. Elsie Gerlach, Superintendent of Children's Clinic, Assistant Professor of Operative Dentistry.....	D	\$ 3 100
3. Beulah G. Nelson, Associate.....	D20	500
4. Maury Massler, Assistant.....	D25	600
(See Histology.....	D50	1 200)
(Total salary.....		1 800)
5. Mrs. May G. Greenaway, Assistant.....	D	1 400
<i>Total, Children's Clinic</i>		\$ 5 600

Histology

1. Isaac Schour, Professor and Head of Department.....	A	\$ 6 750
2. M. M. Hoffman, Instructor.....	D	2 000
3. Leonard Gelfand, Assistant (3 half-days each week) (No salary).....	D30	.....

		<i>Salary</i>
4. Maury Massler, Assistant.....	D50	1 200
(See Children's Clinic.....)	D25	600)
(Total salary.....)		1 800)
5. Frances Schwab, Technician.....	D	2 080
6. Emil Matt, Technician.....	D	1 400
7. Gertrude Everett, Junior Stenographer (C.S.).....	D	1 200
8. _____, Student Assistant (Exemption from tuition and laboratory fees).....	D25	.....
<i>Sub-total, Salaries.....</i>		(14 630)
9. Wages.....	H	500
<i>Total, Histology.....</i>		<u>\$ 15 130</u>

Infirmary

1. Frank Kanthak, Superintendent of Clinics, Assistant Pro- fessor of Oral Surgery and Oral Pathology.....	D	\$ 3 500
2. Gustave Swanson, Technician.....	D	2 000
3. Anne Toomey, Senior Clerk (C.S.).....	D	1 800
4. Fannie Hagen, Infirmiry Attendant (C.S.).....	D	900
5. Mrs. Dagmar Petersen, Infirmiry Attendant (C.S.).....	D	900
6. Maude Gubbins, Clerk, <i>Retired</i>		713
<i>Total, Infirmiry.....</i>		<u>\$ 9 813</u>

Medical and Dental History

1. Mrs. Nell S. Talbot, Assistant Professor.....	D30	\$ 1 000
(See Administration.....)	D70	2 750)
(Total salary.....)		3 750)
<i>Total, Medical and Dental History.....</i>		<u>\$ 1 000</u>

Operative Dentistry

1. _____, Acting Head of Department.....	D	\$ 4 000
2. D. M. Gallie, Professor, <i>Emeritus</i>		600
3. R. K. Baxter, Associate.....	D33	1 500
4. Margarita Ulloa, Associate.....	D80	2 400
5. F. C. Besic, Instructor (4 half-days each week).....	D40	1 000
6. V. H. Dietz, Assistant.....	D50	1 000
7. S. J. Kreshover, Assistant.....	D50	1 000
8. R. M. Stephan, Assistant (3 half-days each week).....	D30	500
9. F. J. Kos, Assistant.....	D40	750
10. J. K. Betty, Assistant (2 half-days each week) (No salary).....	D20	.....
11. _____, Assistant.....	D50	1 000
12. Mrs. Louise Walton, Graduate Stenographer (C.S.).....	D	1 320
<i>Total, Operative Dentistry.....</i>		<u>\$ 15 070</u>

Oral and Plastic Surgery and Oral Pathology

1. F. B. Moorehead, Professor of Oral Surgery, Head of De- partment.....	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 Infirmiry)		
5. L. W. Schultz, Assistant Professor of Oral Surgery (5 hours each week).....	D13	800
6. Eli Olech, Associate in Oral Surgery.....	D25	1 200
7. H. J. Droba, Associate in Oral Surgery.....	D25	1 200
8. Anna Rieke, Instructor in Oral Surgery.....	D	2 500
9. Nellie M. Frain, Artist.....	D20	.....
(Salary under Medical and Dental Illustration)		

10. A. L. Alban, Instructor in Oral Surgery ($\frac{1}{2}$ day each week) (No salary).....	D10	Salary	.....
11. F. C. Fabian, Instructor in Oral Surgery ($\frac{1}{2}$ day each week) (No salary).....	D10	.....	.....
12. S. M. Seron, Assistant in Oral Surgery ($\frac{1}{2}$ day each week) (No salary).....	D10	.....	.....
13. F. D. Bernard, Assistant in Oral Surgery ($\frac{1}{2}$ day each week) (No salary).....	D10	.....	.....
14. J. J. Samors, Assistant in Oral Pathology (2 half-days each week) (No salary).....	D20	.....	.....
15. _____, Technician in Oral Pathology.....	D	1 200	
16. _____, Laboratory Assistant.....	D	960	
<i>Total, Oral and Plastic Surgery and Oral Pathology.....</i>		\$ 15 760	

Orthodontia

1. A. G. Brodie, Professor and Head of Department.....	D55	\$ 4 950	
2. F. B. Noyes, Professor..... (Salary under Administration)	A50	.....
3. W. B. Downs, Assistant Professor (2 half-days each week) ..	D20	750	
4. E. W. Myer, Instructor (2 half-days each week).....	D20	300	
5. Abraham Goldstein, Instructor (3 half-days each week).....	D30	600	
6. Bess H. Faust, Technician.....	D	1 800	
<i>Sub-total, Salaries.....</i>		(8 400)	
7. Wages.....	H	500	
<i>Total, Orthodontia.....</i>		\$ 8 900	

Pathology and Therapeutics

1. R. G. Kesel, Professor and Head of Department.....	D	\$ 4 500	
2. E. C. Wach, Assistant Professor.....	D50	1 700	
3. M. K. Hine, Assistant Professor.....	D	3 400	
4. E. H. A. Kramp, Associate (3 half-days each week).....	D30	700	
5. M. F. Grunwald, Associate (3 half-days each week).....	D30	600	
6. Anita Ellingson, Instructor.....	D	2 200	
7. David Berman, Instructor (3 half-days each week) (No salary).....	D30	.....
8. Kenneth Sharpe, Assistant (3 half-days each week) (No salary).....	D30	.....
9. C. W. Hanson, Assistant (3 half-days each week) (No salary)	D30	.....
10. Virginia L. Stoner, Technician.....	D	1 200	
11. Lucille Ricketts, Junior Stenographer (C.S.).....	D	1 200	
<i>Total, Pathology and Therapeutics.....</i>		\$ 15 500	

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.....)	A10	600)	
(Total salary.....)		1 200)	
2. S. D. Tylman, Professor of Prosthetic Dentistry.....	A60	4 500	
3. F. N. Bazola, Associate.....	D50	1 350	
4. R. D. Curtis, Instructor.....	D50	1 150	
5. R. A. Larsen, Assistant (2 half-days each week) (No salary) ..	D20	.....
6. E. H. Ragan, Assistant.....	D50	1 000	
7. W. J. Gibbs, Assistant (3 half-days each week).....	D30	500	
8. _____, Assistant.....	D50	1 000	
9. _____, Assistant (No salary).....	D20	.....
10. Esther Applebaum, Technician.....	D	1 080	
11. _____, Junior Stenographer (C.S.).....	D	1 020	
<i>Total, Crowns and Fixed Partial Dentures.....</i>		\$ 12 200	

Full Dentures and Removable Partial Dentures

		<i>Salary</i>
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	5 500
3. W. H. Kubacki, Professor of Prosthetic Dentistry.....	A	4 500
4. M. B. Hattenhauer, Associate.....	D50	1 350
5. Mrs. Eleanor S. King, Assistant.....	D	1 500
6. Paul Bostian, Assistant.....	D50	1 000
7. A. N. Mortensen, Assistant.....	D50	1 000
8. Richard Holc, Assistant.....	D50	1 000
9. Adelaide Talbot, Junior Stenographer (C.S.).....	D	1 320
10. Elizabeth F. Taylor, Technician.....	D	1 020
<i>Total, Full Dentures and Removable Partial Dentures.....</i>		<i>\$ 18 790</i>

Roentgenology

1. Edna M. Anderson, Technician.....	D	\$ 1 320
2. Helen W. Watrobinski, Clerk (C.S.).....	D50	540
<i>Total, Roentgenology.....</i>		<i>\$ 1 860</i>

COLLEGE OF PHARMACY

1. _____, ¹ Dean.....	A	\$ 7 500
2. A. H. Clark, ¹ Professor, <i>Emeritus</i>		2 326
3. C. M. Snow, Professor, <i>Emeritus</i>		2 296
4. E. N. Gathercoal, Professor of Pharmacognosy.....	A	5 000
5. R. E. Terry, Associate Professor of Pharmacy.....	A	4 300
6. E. H. Wirth, Associate Professor of Pharmacognosy.....	A	4 100
7. G. L. Webster, Associate Professor of Pharmaceutical Chem- istry.....	A	4 000
8. H. L. Davis, Assistant Professor of Chemistry.....	B	4 000
9. H. M. Emig, Assistant Professor of Pharmacy.....	B	3 500
10. P. D. Carpenter, Associate in Materia Medica and Botany..	D	2 600
11. C. W. Clarke, Associate in Chemistry.....	D	3 500
12. L. E. Martin, Associate in Pharmacy.....	D	2 900
13. S. W. Morrison, Associate in Pharmacy.....	D50	1 800
(See College of Medicine.....)	D50	1 800)
(Total salary.....)		3 600)
14. R. M. Besancon, Associate in Physics.....	D	2 600
15. Esther Meyer, Associate in Bacteriology.....	D	2 600
16. _____, Instructor in Physics.....	E	1 500
17. S. D. Gershon, Instructor in Chemistry.....	E	2 200
18. E. R. Kirch, Instructor in Chemistry.....	E	2 000
19. R. W. Spence, Instructor in Chemistry.....	E	2 000
20. J. C. Ocenasek, Instructor in Pharmacy.....	E	2 200
21. Samuel Shkolnik, Instructor in Pharmacy.....	E	2 500
22. Lawrence Templeton, Instructor in Pharmacy.....	E	2 300
23. _____, Instructor in Pharmacognosy.....	E	2 100
24. R. S. Adamson, Assistant in Materia Medica and Botany..	E	1 600
25. F. T. Maher, Assistant in Materia Medica and Botany....	E	1 300
26. B. B. Brody, Assistant in Pharmacy.....	E	1 600
27. W. R. Collins, Assistant in Pharmacy.....	D50	1 200
(See College of Medicine.....)	D50	1 200)
(Total salary.....)		2 400)
28. E. G. King, Assistant in Pharmacy.....	E	1 200
29. I. J. Kaski, Assistant in Chemistry.....	E	1 400
30. E. E. Vicher, Assistant in Bacteriology.....	E50	700
31. Andrew Burger, Technician.....	D	1 500
32. Walter Sharka, Jr., Technician.....	D	1 500

¹See page 492 for action postponing the retirement of A. H. Clark.

		<i>Salary</i>
33. Gerston Bruch, Technician.....	E	1 500
34. Mary M. Scanlan, Secretary (Exempt).....	D	2 100
35. Eleanor F. Larson, Junior Stenographer (C.S.).....	D	1 200
36. Marcella Moore, Junior Typist (C.S.).....	D	1 020
37. Mrs. Tillie T. Reifler, Junior Stenographer (C.S.).....	D	1 500
38. Hans Buch, Supply Attendant (C.S.).....	D	1 500
<i>Sub-total, Salaries</i>		(90 642)
39. Wages.....		600
<i>Total, College of Pharmacy</i>		\$ 91 242

DIVISION OF UNIVERSITY EXTENSION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$10 400	\$ 2 700	\$13 100
Extramural Extension.....	8 925	8 950	17 875
<i>Sub-total</i>	(19 325)	(11 650)	(30 975)
Visual Aids Revolving Account.....	2 000	8 000	10 000
<i>Total</i>	\$21 325	\$19 650	\$40 975

Administration

		<i>Salary</i>
1. R. B. Browne, Director.....	D68	\$ 3 500
(See Summer Session.....)	D12	750)
(See Education.....)	B20	1 000)
(Total salary.....)		5 250)
2. L. V. Peterson, Executive Clerk and Supervisor Visual Aids..	D	2 000
3. A. D. Huston, Supervisor Speech Aids Service.....	E25	600
(See English.....)	D75	1 600)
(Total salary.....)		2 200)
4. L. A. Astell, Supervisor Science Aids Service.....	E25	600
(See Education.....)	E75	1 800)
(Total salary.....)		2 400)
5. Waunetta Kruse, Secretary (C.S.).....	D	1 300
6. _____, Stenographer (C.S.).....	D	1 200
<i>Sub-total, Salaries</i>		(9 200)
7. Wages.....	H	1 200
<i>Total, University Extension, Administration</i>		\$ 10 400

LIBRARY

(The departments into which this budget is divided
are for administrative convenience only.)

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Salaries and Wages</i>			
Administration.....	\$19 278	.....	\$19 278
Order Department.....	41 400	.....	41 400
Binding Department.....	9 300	.....	9 300
Catalog Department.....	65 100	.....	65 100
Loan Department.....	41 070	.....	41 070
Reference Department.....	15 100	.....	15 100
Departmental Libraries:			
Urbana.....	51 534	.....	51 534
Chicago.....	13 083	.....	13 083
<i>Total, Salaries and Wages</i>	(255 865)	.....	(255 865)
<i>Expense and Equipment</i> (other than Library Additions):			
Medicine and Dentistry.....		\$ 840	840
General.....		16 050	16 050
<i>Total, Expense and Equipment</i>		(16 890)	(16 890)
<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).....		110 700	110 700
<i>Total, Library Additions</i>		(135 700)	(135 700)
<i>Grand Total, Library</i>	\$255 865	\$152 590	\$408 455

Expendable Gift and Endowment Funds*Special Research* (Gift funds):

Dennison memorial books.....	\$2 900	\$2 900
Gehrmann historical books.....	500	500
<i>Total</i>	\$3 400	\$3 400

Administration

	<i>Salary</i>
1. ————, ¹ Director of the University Library and the Library School..... B	\$ 7 000
Professor of Library Science..... A	.....
2. P. L. Windsor, Director of the University Library and the Library School, and Professor of Library Science, <i>Emeritus</i> ¹	3 278
3. Mary Lois Bull, Assistant to the Director (C.S.)..... D	2 500
4. W. S. Yenawine, General Assistant (C.S.)..... D	2 000
5. Mrs. Mildred J. Piatt, Secretary (C.S.)..... D	1 600
6. Edmund Wharmby, Helper (C.S.)..... D	1 500
<i>Sub-total, Salaries</i>	(17 878)
7. Wages..... H	1 400
<i>Total, Administration</i>	\$ 19 278

Order Department

1. Willia K. Garver, Order Librarian and Lecturer in the Library School..... D	\$ 3 600
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¹See page 492 for action postponing the retirement of P. L. Windsor.

Purchase Division

		<i>Salary</i>
2. George B. Brown, Assistant (C.S.)	D	1 800
3. Helen L. McIntyre, Assistant (C.S.)	D	1 700
4. Edna R. Ralston, Assistant (C.S.)	D	1 700
5. Marjorie F. Rumble, Assistant (C.S.)	D	1 600
6. R. T. Esterquest, Assistant (C.S.)	D	1 500
7. A. E. Whitenack, Assistant (C.S.)	D	1 600
8. Sylvia H. Shaver, Assistant (C.S.)	D	1 500
9. _____, Assistant (C.S.)	D	1 500
10. Mrs. Evelyn S. Stanner, Stenographer (C.S.)	D	1 260
11. Mrs. Irene L. Phillippe, Clerk (C.S.)	D	1 140
12. Ruth E. Tyrrell, Library Clerk (C.S.)	D	900
13. Dorothy Fritzen, Library Clerk (C.S.)	D	960

Gift and Exchange Division

14. G. H. Sandy, Assistant in charge of Exchanges (C.S.)	D	2 500
15. Kathleen M. Ruckman, Exchange Reviser (C.S.)	D	2 000
16. Ruth Hardin, Documents Assistant (C.S.)	D	1 700
17. Maurine Collins, Exchange Assistant (C.S.)	D	1 600
18. Martha E. Burrige, Exchange Assistant (Student)	D75	1 050
19. Thomas A. Meade, Exchange Assistant (Student)	D50	700
20. Ellen McNeill, Stenographer (C.S.)	D	1 080

Periodical Division

21. Lucy V. Kepler, Assistant in charge of Periodicals	D	1 800
22. Doris Fleming, Periodical Assistant (C.S.)	D	1 500
23. Mary Roberts, Periodical Assistant (C.S.)	D	1 500
24. Esther M. Shubert, Periodical Assistant (Student)	D75	1 050
25. Ruth Otterness, Periodical Assistant (Student)	D50	700
26. Mrs. Helen S. McFarland, Stenographer (C.S.)	D	1 060
<i>Sub-total, Salaries</i>		(39 000)
27. Wages	H	2 400
<i>Total, Order Department</i>		\$ 41 400

Binding Department

1. Josie B. Houchens, Binding Librarian and Lecturer in the Library School	D	\$ 3 100
2. Avis Auld, Assistant (C.S.)	D	1 700
3. _____, Assistant (C.S.)	D	1 400
4. _____, Assistant (C.S.)	D50	700
<i>Sub-total, Salaries</i>		(6 900)
5. Wages	H	2 400
<i>Total, Binding Department</i>		\$ 9 300

Catalog Department

1. A. H. Trotier, Catalog Librarian and Lecturer in the Library School	D	\$ 3 600
2. Eleanor M. Robertson, Assistant Catalog Librarian (C.S.)	D	2 800
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	2 500
7. Mrs. Katherine M. Wheeler, Cataloger (C.S.)	D	2 300
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.)	F	1 188
12. _____, Cataloger	F50	712
13. Clarissa O. Lewis, Cataloger (C.S.)	D	1 900
14. _____, Cataloger (C.S.)	D	1 400
15. Marguerite Simmons, Cataloger (C.S.)	D	1 600

		<i>Salary</i>
16. Theresa W. Gillett, Cataloger (C.S.)	D	1 800
17. J. G. Baker, Cataloger (C.S.)	D	1 800
18. Mildred E. Hoover, Cataloger (C.S.)	D	1 400
19. _____, Cataloger (C.S.)	D	1 400
20. Dorothy Heicke, Cataloger (C.S.)	D	1 600
21. Janet G. Bullen, Cataloger (C.S.)	D	1 600
22. L. E. Hardaway, Cataloger (C.S.)	D75	1 050
23. _____, Cataloger (C.S.)	D25	350
24. Mary Louise Seely, Cataloger (C.S.)	D	1 600
25. Marian Harman, Cataloger (C.S.)	D	1 600
26. J. Geraldine Kaufman, Cataloger (C.S.)	D	1 600
27. Mrs. Bertha L. Schroepel, Cataloger (C.S.)	D	1 400
28. Dorothy M. Reuss, Cataloger (C.S.)	D	1 500
29. _____, Cataloger (C.S.)	D	1 400
30. Mrs. Lellia F. McLaughlin, Typist and Multigraph Operator (C.S.)	D	1 500
31. Frances Russell, Library Clerk (C.S.)	D	1 020
32. Mrs. Elizabeth Beedle, Clerk (C.S.)	D	1 400
33. Audrey M. Sexton, Clerk (C.S.)	D	1 500
34. Eula Clanton, Clerk (C.S.)	D	1 200
35. H. Madeleine Weckel, Clerk (C.S.)	D	1 200
36. Virginia Miller, Clerk (C.S.)	D	1 140
37. _____, Clerk (C.S.)	D	900
38. Elizabeth Gyory, Clerk (C.S.)	D	1 080
<i>Sub-total, Salaries</i>		(60 900)
39. Wages	H	4 200
<i>Total, Catalog Department</i>		\$ 65 100

Loan Department

1. Emma R. Jutton, Loan Librarian and Lecturer in the Library School	D	\$ 3 100
2. Helen Stewart, Assistant (C.S.)	D	2 100
3. Cecilia McCarthy, Assistant (C.S.)	D	2 000
4. Mary A. Boyett, Assistant (C.S.)	D	1 500
5. Sylvia C. Gilmore, Assistant (C.S.)	D	1 800
6. Mrs. Esther P. Roerig, Assistant (C.S.)	D	1 700
7. Mrs. Theo. Nelson, Assistant (Student)	D50	700
8. Georgia Farwell, Assistant (Student)	D50	700
9. L. L. Qualls, Assistant (C.S.)	D	1 500
10. Becky M. Sanford, Assistant (C.S.)	D	1 500
11. Gilberta M. Heid, Assistant (C.S.)	D	1 500
12. _____, Assistant (C.S.)	D	1 400
13. Valerie C. Srubas, Assistant (C.S.)	D	1 500
14. Reva Nearhood, Assistant (C.S.)	D	1 600
15. Ferne M. Garman, Assistant (C.S.)	D	1 500
16. Eunice H. Speer, Assistant (C.S.)	D	1 700
17. _____, Assistant (C.S.)	D75	1 050
18. _____, Assistant (C.S.)	D50	700
19. Lucile Turner, Assistant (Student)	D50	700
<i>Sub-total, Salaries</i>		(28 250)
20. Wages	H	12 820
<i>Total, Loan Department</i>		\$ 41 070

Reference Department

1. Alice S. Johnson, Reference Librarian and Lecturer in the Library School	D	\$ 3 000
2. Fanny Dunlap, Reference Librarian and Lecturer in the Library School	D	3 000
3. Dorothy M. Black, Reference Assistant (C.S.)	D	2 500
4. Ruth M. Erlandson, Reference Assistant (C.S.)	D	1 600

		<i>Salary</i>
5. C. H. McMullen, Reference Assistant (C.S.).....	D	1 600
6. —, Reference Assistant (C.S.).....	D	1 600
7. Madeline Cord, Reference Assistant (C.S.).....	D	1 600
<i>Sub-total, Salaries</i>		(14 900)
8. Wages.....	H	200
<i>Total, Reference Department</i>		\$ 15 100

Departmental Libraries—Urbana

1. C. E. Janvrin, Librarian (C.S.), <i>Retired</i>		\$ 1 194
2. L. E. Bamber, Library Assistant, Natural History Library (C.S.).....	D	1 800
3. Mrs. Julina Hart, Library Assistant, Natural History Library (Student).....	D75	1 050
4. Wages.....	H	1 700
5. Mary G. Burwash, Librarian, Agriculture Library (C.S.)....	D	2 500
6. Ralph E. McCoy, Library Assistant, Agriculture Library (C.S.).....	D50	700
7. Wages.....	H	710
8. Nelle M. Signor, Librarian, History and Political Science (C.S.).....	D	2 300
9. Wages.....	H	800
10. Hazel Y. Shaw, Librarian, Commerce (C.S.).....	D	2 300
11. Wages.....	H	1 500
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	2 500
16. E. Evalyn Reich, Library Assistant, Education (C.S.).....	D	1 600
17. Wages.....	H	1 000
18. Florence M. Harding, Library Assistant, Modern Languages (C.S.).....	D	2 000
19. Wages.....	H	800
20. Mrs. Fern D. Davis, Librarian, Architecture Library (C.S.)..	D	2 200
21. Ruth L. Whitlock, Library Assistant, Architecture (C.S.)...	D	1 400
22. Wages.....	H	900
23. Mrs. Bernita J. Long, Librarian, Law Library (C.S.).....	D	2 200
24. Wages.....	H	1 400
25. E. S. Warrick, Library Assistant, Mathematics (C.S.).....	D	1 800
26. Wages.....	H	700
27. Eva Faye Benton, Library Assistant, English (C.S.).....	D	1 700
28. Wages.....	H	900
29. Paul Knapp, Library Assistant, Chemistry (Student).....	D80	1 280
30. Wages.....	H	1 100
31. Mrs. Eunice C. Mohr, Library Assistant, Journalism (C.S.)..	D	1 700
32. Wages.....	H	1 050
33. Mildred H. Bowers, Library Assistant, Landscape Architecture (C.S.).....	D86	1 400
(See Landscape Architecture.....)	D14	200)
(Total salary.....)	H	1 600)
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>		(36 724)
<i>Sub-total, Wages</i>		(14 810)
<i>Total, Departmental Libraries, Urbana</i>		\$ 51 534

Departmental Libraries—Chicago (Medicine and Dentistry)

1. Wilma Troxel, Librarian (C.S.).....	D	\$ 2 500
2. Metta M. Loomis, Librarian, <i>Retired</i>		1 213
3. Margaret M. Bates, Assistant Librarian (C.S.).....	D	1 800

		<i>Salary</i>
4. Mrs. Marcia D. Buchanan, Clerk (C.S.).....	D	1 260
5. Lorena Clarke, Cataloger (C.S.).....	D	1 800
6. Mrs. Dorothea M. Wheeler, Senior Clerk (C.S.).....	D	1 600
7. F. G. Soltan, Library Clerk (C.S.).....	D	950
8. _____, Stenographer (C.S.).....	D	1 020
<i>Sub-total, Salaries</i>		(12 143)
9. Wages.....	H	940
<i>Total, Departmental Libraries, Chicago</i>		\$ 13 083

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:			
Administration.....	\$82 074	\$14 186	\$96 260
Operation:			
Building.....	148 946	28 185	177 131
Fire Station.....	16 139	3 766	19 905
Police and Watchmen.....	27 250	710	27 960
<i>Total, Operation</i>	(192 335)	(32 661)	(224 996)
Maintenance:			
Building.....	151 766	70 489	222 255
General.....	48 525	14 500	63 025
Grounds.....	34 340	7 555	41 895
Trucks and Cars.....	22 950	9 522	32 472
<i>Total, Maintenance</i>	(257 581)	(102 066)	(359 647)
Utilities:			
Heat, Light, and Power.....	68 341	135 108	203 449
Gas.....	250	9 000	9 250
Water Station.....	17 503	6 035	23 538
<i>Total, Utilities</i>	(86 094)	(150 143)	(236 237)
<i>Total, Urbana-Champaign</i>	\$618 084	\$299 056	\$917 140
Chicago:			
Administration.....	11 645	4 110	15 755
Building Operation.....	40 868	3 882	44 750
Building Maintenance.....	36 380	8 675	45 055
Grounds.....	2 185	210	2 395
Utilities.....	3 302	44 500	47 802
<i>Total, Chicago</i>	94 380	\$61 377	\$155 757
<i>Total, Physical Plant Operation, Maintenance, and Equipment</i>	\$712 464	\$360 433	\$1 072 897

Expendable Gift and Endowment Funds

Gift fund:		
Carr Tree Planting Fund.....	\$520	\$520
Endowment income:		
Estep Clock Maintenance Fund.....	150	150
<i>Total</i>	\$670	\$670

Physical Plant Department

URBANA

Administration

		<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

		<i>Salary</i>
3. E. L. Stouffer, Assistant Supervising Architect (C.S.)	D	4 800
4. T. O. Henderson, Assistant Superintendent of Buildings (C.S.)	D	3 000
5. E. R. Berbaum, Maintenance and Repair Foreman (C.S.)	D	2 700
6. C. W. Lyon, Chief Clerk (C.S.)	D	2 400
7. Hazel M. Tucker, Senior Clerk (C.S.)	D	2 000
8. Mary E. Brennan, Chief Clerk (C.S.)	D	1 885
9. Sybil K. Nagle, Senior Stenographer (C.S.)	D	1 700
10. Geneva Fleming, Architectural Draftsman (C.S.)	D	1 700
11. R. G. Long, Certified Laborer (C.S.)	D	1 500
12. Garnet B. Renaker, Senior Clerk (C.S.)	D	1 350
13. Agnes Burke, Junior Accountant (C.S.)	D	1 350
14. Mrs. Cora L. James, Junior Typist (C.S.)	D	1 320
15. Mrs. Dorothy B. Woods, Junior Clerk (C.S.)	D	1 320
16. M. Agnes Kane, Junior Accountant (C.S.)	D	1 300
17. Mrs. Eva O. Paul, Junior Stenographer (C.S.)	D	1 200
18. ———, Junior Stenographer (C.S.)	D	1 200
19. Mrs. Helen Spotti, Senior Stenographer (C.S.)	D	1 200
20. Mrs. Dorothy A. Murphy, Senior Typist (C.S.)		
(Paid from Physical Plant Stores Overhead)	D	1 350)
21. M. W. Genung, Storekeeper (C.S.)		
(Paid from Physical Plant Stores Overhead)	D	1 920)
22. Louis Finder, Laborer, <i>Retired</i>	D	760
23. Basil Brown, Laborer, <i>Retired</i>		678
24. Sell Hamlin, Laborer, <i>Retired</i>		607
25. J. C. Snyder, Laborer, <i>Retired</i>		670
26. Martin Sandwell, Carpenter, <i>Retired</i>		951
27. A. J. Booker, Carpenter, <i>Retired</i>		972
28. J. A. Hamlin, Laborer, <i>Retired</i>		450
29. Charles Hill, M. & R. Foreman, <i>Retired</i>	I	200
30. T. J. Showers, Superintendent of Buildings, <i>Retired</i>	I	702
31. C. C. Definbaugh, Laborer, <i>Retired</i>		500
32. H. Powell, Laborer, <i>Retired</i>		384
33. Lee McMillion, Laborer, <i>Retired</i>		375
34. C. Y. Freeman, Laborer, <i>Retired</i>		592
35. J. H. Vandeventer, Carpenter, <i>Retired</i>		934
36. D. O. Moore, Laborer, <i>Retired</i>		562
37. P. Adams, Laborer, <i>Retired</i>	I	023
38. Joseph Davis, Laborer, <i>Retired</i>		647
39. J. A. J. Klein, Laborer, <i>Retired</i>		590
40. Ben Carlisle, Mechanic, <i>Retired</i>		636
41. Thomas Butler, Mechanic, <i>Retired</i>		762
42. W. J. Smith, M. & R. Foreman, <i>Retired</i>	I	127
43. Gus Strom, Laborer, <i>Retired</i>		683
44. Frank Mead, Laborer, <i>Retired</i>		527
45. Bert Clark, Stationary Engineer, <i>Retired</i>		681
46. Mrs. Mary Ryan, Domestic, <i>Retired</i>		144
(See Home Economics Department)		288)
(Total salary)		432)
47. George Fiock, Mechanic, <i>Retired</i>		836
48. E. S. Sperling, Laborer, <i>Retired</i>		544
49. C. E. Atkinson, Superintendent of Grounds, <i>Retired</i>	I	638
50. C. W. Cullison, Laborer, M. & R. Mechanic, <i>Retired</i>		635
<i>Sub-total, Salaries</i>		(64 235)
51. Wages	H	17 839
<i>Total, Administration</i>		(82 074)

Building Operation

1. S. E. Griffith, Assistant Superintendent of Buildings (C.S.)	D	3 200
2. Wages	H	145 746
<i>Total, Building Operation</i>		(148 946)

<i>Fire Station</i>		<i>Salary</i>
1. Frank Stateler, University Fire Chief (C.S.).....	D	2 400
2. Wages.....	H	13 739
<i>Total, Fire Station.....</i>		(16 139)
<i>Police and Watchmen</i>		
1. Wages.....	H	27 250
<i>Total, Police and Watchmen.....</i>		(27 250)
<i>Building Maintenance</i>		
1. Wages.....	H	151 766
<i>Total, Building Maintenance.....</i>		(151 766)
<i>General Maintenance</i>		
1. John Doak, Superintendent of Buildings (C.S.).....	D	4 800
2. Wages.....	H	43 725
<i>Total, General Maintenance.....</i>		(48 525)
<i>Grounds</i>		
1. R. S. Chamberlin, Acting Superintendent of Grounds (C.S.)..	D	3 000
2. Wages.....	H	31 340
<i>Total, Grounds.....</i>		(34 340)
<i>Trucks and Cars</i>		
1. Ross Hutton, Foreman of Automotive Vehicles (C.S.).....	D	2 750
2. Wages.....	H	20 200
<i>Total, Trucks and Cars.....</i>		(22 950)
<i>Heat, Light, and Power</i>		
1. C. E. Markland, Mechanical Operating Engineer (C.S.)....	D	3 600
2. Wages.....	H	64 741
<i>Total, Heat, Light, and Power.....</i>		(68 341)
<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	13 903
<i>Total, Water Station.....</i>		(17 503)
<i>Total, Physical Plant, Urbana.....</i>		\$618 084

CHICAGO

<i>Administration</i>		
1. H. W. Pearce, Superintendent of Buildings (C.S.).....	D	\$ 3 800
2. H. I. Schmitt, Assistant Superintendent of Buildings (C.S.)..	D	3 300
3. Marjorie Burke, Clerk and Stenographer (C.S.).....	D	1 380
4. Mrs. Eula Brooks, Stenographer (C.S.).....	D	1 140
5. Hilda Hansen, Laborer, <i>Retired</i>		400
6. Anna Anderson, Laborer, <i>Retired</i>		235
<i>Sub-total, Salaries.....</i>		(10 255)
7. Wages.....	H	1 390
<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	38 468
<i>Total, Building Operation, Chicago.....</i>		(40 868)
<i>Building Maintenance</i>		
1. Wages.....	H	36 380
<i>Total, Building Maintenance, Chicago.....</i>		(36 380)
<i>Grounds</i>		
1. Wages.....	H	2 185
<i>Total, Grounds, Chicago.....</i>		(2 185)

Utilities

		<i>Salary</i>
1. Wages.....	H	3 302
<i>Total, Utilities, Chicago</i>		(3 302)
<i>Total, Physical Plant Department, Chicago</i>		(94 380)
<i>Total, Physical Plant Department</i>		\$712 464

Photographic and Blueprinting Laboratory

1. Ray R. Hamm, Manager (C.S.).....	D	\$ 3 000 ¹
2. Wages.....	G	7 245
<i>Total, Photographic and Blueprinting Laboratory</i>		\$ 10 245

Residence Halls

1. Beulah E. Gradwohl, House Manager, Laura B. Evans and Mary E. Busey Residence Halls (C.S.).....	D	\$ 2 800 ²
2. Mrs. Ella F. Boyd, Director of Social Activities, Mary E. Busey Hall (C.S.).....	E	900 ²
3. Mrs. Mabel P. Smith, Director of Social Activities, 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)	D41	579
7. Elizabeth A. Connelly, Assistant for Women's Housing (See Dean of Women).....	D19	375
<i>Total, Laura B. Evans and Mary E. Busey Halls, Salaries</i>		(6 521)
8. Mildred Bonnell, House Manager, Davenport House (C.S.)... (See Home Economics).....	E80	1 000 ²
<i>(Total salary)</i>		300)
9. Mrs. Marjorie A. McCoy, Director of Social Activities, Davenport House (C.S.).....	E	500 ²
10. Mrs. Ida M. Staehle, Social Director, Davenport House, <i>Retired</i>	D	338
11. G. A. DaCosta, Junior Accountant (C.S.) (See Business Office)	D 8	96
12. Elizabeth A. Connelly, Assistant for Women's Housing (See Dean of Women).....	D 6	125
<i>Total, Davenport House, Salaries</i>		(2 059)
<i>Sub-total, Salaries</i>		(8 580)
13. Wages (Including \$891 for Dean of Women).....	H	20 720
<i>Total, Residence Halls</i>		\$ 29 300 ³

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>	\$44 915	\$105 085	\$150 000

¹Salary to be paid out of the receipts of the laboratory; not included in budget totals.

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, 1940.

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>
Aeration fellowship in chemistry.....	\$375	.....	\$375
Allerton American traveling scholarship in architecture.....	800	.....	800
Arthur Andersen scholarship in accountancy or economics.....	500	.....	500
Carr fellowship in chemistry.....	500	.....	500 ¹
E. I. du Pont de Nemours fellowship.....	750	.....	750
Ferro Enamel fellowship in ceramic engineering....	1 000	.....	1 000
Graduate scholarships and fellowships in public utilities.....	250	.....	250
Gregory scholarship.....	300	.....	300 ¹
Harker scholarship in law.....	150	.....	150 ¹
Harrington scholarship.....	50	.....	50
Illinois Bankers Association fellowship.....	500	.....	500
Kinley memorial fellowships.....	1 500	.....	1 500 ¹
Morava scholarships.....	3 500	.....	3 500 ¹
National Tea Co. fellowship.....	500	.....	500
Noyes scholarships.....	6 000	.....	6 000 ¹
Plym fellowships in architecture.....	2 500	.....	2 500 ¹
Rea scholarships in medicine.....	200	.....	200 ¹
Ruettinger memorial scholarships.....	500	.....	500
Sharp scholarship in library science.....	300	.....	300
Shnitzer memorial scholarships.....	400	.....	400
Solvay Process Co. fellowship in organic chemistry..	750	.....	750
Wallace memorial scholarships.....	600	.....	600 ¹
Williamson scholarship in medicine.....	150	.....	150 ¹
Estimated additional funds and renewals of present funds.....	925	.....	925
<i>Prizes</i>			
Baker prize in civil engineering.....	\$ 75	.....	75 ¹
Bryan prize for students' essays on government....	50	.....	50 ¹
English poetry prize.....	150	.....	150 ¹
Guild memorial prize for students' poems and one-act plays.....	200	.....	200 ¹
Thrift Committee economics prize.....	150	.....	150 ¹
Van Schaack award in pharmacy.....	75	.....	75 ¹
<i>Total, Scholarships, Fellowships, and Prizes....</i>	<i>\$23 000</i>	<i>\$700</i>	<i>\$23 700</i>
Miscellaneous Funds			
Margaret Lange James student loan annuity.....	\$ 300	.....	\$ 300
K. C. Babcock fellowship in history and political science annuity.....	2 500	.....	2 500
W. B. McKinley hospital endowment.....	600	.....	600
Bradley banquet for band students.....	250	.....	250
Carter-Pennell farm operation.....	1 950	.....	1 950
<i>Total, Miscellaneous Funds.....</i>	<i>\$5 600</i>	.....	<i>\$5 600¹</i>

¹From endowment income.

APPROPRIATION FOR POWER AND HEATING PLANT

(4) A recommendation that the State appropriation of \$1,675,000 for a new power and heating plant and distribution system be assigned by the Board for that purpose.

On motion of Mrs. Plumb, this assignment was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Karraker, Mr. Wieland.

APPOINTMENT OF DIRECTORS OF ATHLETIC ASSOCIATION

(5) The By-Laws of the University of Illinois Athletic Association provide that its Board of Directors shall consist of five members to be elected annually by the Board of Trustees of the University of Illinois at their annual March meeting upon recommendation of the President of the University, three from members of the faculty of the University, one of whom shall be the Director of Intercollegiate Athletics, and two from members of the Alumni Association of the University of Illinois. These appointments are not always made at the annual meeting of the Board of Trustees. The present Directors were appointed on April 27, 1938, to serve "until the next annual meeting of the Board of Trustees or until their successors shall have been appointed." A recommendation for appointments to this Board was submitted to the Board of Trustees at its annual meeting on March 14, but action on this has been deferred since that meeting.

I recommend the appointment of the following to serve as members of the Board of Directors of the University of Illinois Athletic Association until the annual meeting of the Board of Trustees in March, 1940, or until their successors shall have been subsequently appointed:

Faculty

Professor Frederic A. Russell
Professor Frank E. Richart
Director W. S. Wilson

Alumni

Mr. J. P. Kratz, Monticello
Senator W. E. C. Clifford, Champaign

Professor F. A. Russell, Senator W. E. C. Clifford, and Director W. S. Wilson were introduced. The organization of athletics was discussed at length; the Directors made statements and answered questions, and retired.

Mr. Adams offered a motion that the Directors of the Athletic Association be reappointed as recommended.

Mr. Cleary offered an amendment to strike out the name of Mr. J. P. Kratz and to substitute that of Mr. Milton Olander. On vote the amendment did not carry, and the original motion was then adopted, with Mr. Cleary voting in the negative.

RETIREMENT OF MEMBERS OF THE STAFF

(6) A report that the following members of the staff will retire effective September 1, 1939, 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 Department</i>	<i>Title</i>	<i>Retiring Allowance</i>
Liberal Arts and Sciences		
Bacteriology		
A. L. Moody	Laboratory Helper, Retired	\$ 749
English		
G. T. Flom	Professor, Emeritus	2 308
Mathematics		
Arnold Emch	Professor, Emeritus	2 168
Museum of Natural History		
F. C. Baker	Curator, Emeritus	1 722

Engineering**Mechanical Engineering**

J. H. Huffer.....Tool Room Attendant, *Retired*..... 475

Agriculture**Agronomy**

C. C. Chapman¹.....Scientific Assistant, *Retired*..... 1 435

John Dawson.....Laborer, *Retired*..... 465

Horticulture

A. T. Gross.....Laborer, *Retired*..... 394

Physical Plant

C. E. Atkinson.....Superintendent of Grounds, *Retired*.. 1 638

C. W. Cullison.....Laborer, *Retired*..... 630

This report was received for record.

MEMBERS OF THE STAFF TO BE CONTINUED IN SERVICE

(7) A recommendation that the following members of the staff who have reached the retiring age or whose retirement has previously been authorized be continued in active service for the period and at the salary indicated in each case:

1. P. L. Windsor, Director of the Library and of the Library School, and Professor of Library Science, one year from September 1, 1939, at a salary of \$7,000. It will not be possible to fill this position permanently at the beginning of the next academic year as none of the candidates who are under consideration will be available prior to September 1, 1940. It is therefore desirable to have Director Windsor continue for another year.

2. A. H. Clark, Professor of Chemistry and Acting Dean of the College of Pharmacy, from September 1, 1939, until further notice, at a salary rate of \$5,500 a year. Professor Clark will reach the retiring age of 68 on October 15, 1939, but he had previously requested, and the Board authorized, that he be retired effective September 1. It may be necessary to defer the appointment of a permanent dean for a few months, and Professor Clark has agreed to continue in active service until this position can be filled satisfactorily.

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

REMODELING QUARTERS FOR DEPARTMENT OF HOME ECONOMICS

(8) A request from the Dean of the College of Agriculture for an appropriation of \$3,905 for remodeling and equipping Rooms 121-123 of the Woman's Building for expansion of the Department of Home Economics.

On motion of Mr. Adams, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mr. Horner, Mr. Karraker, Dr. Meyer, Mr. Pogue, Mr. Wieland.

INCREASED FEDERAL GRANT FOR ILLINI UNION BUILDING

(9) The application of the University for additional Federal funds for the Illini Union Building has been approved, and the grant allotment on this project has been increased to \$524,820. The original offer, dated June 28, 1938, was accepted by the Board of Trustees on July 15, 1938 (Minutes, page 7). A formal offer to amend the contract created by the acceptance of the original offer will be submitted by the Government for acceptance by the Board of Trustees.

On motion of Mr. Cleary, the Board authorized the acceptance of this amended grant when the formal offer is received, and further adopted the following resolution.

¹To be retired November 1, 1939.

Be it resolved, that if any confirmatory action is required by the Government subsequent to the receipt of the formal offer and prior to the next regular meeting of the Board of Trustees of the University of Illinois, the Executive Committee thereof is hereby authorized and directed to accept said offer and to covenant to abide by all terms and conditions relating to such grant as may be required by the United States of America.

The above resolution was proposed by Mr. Cleary, seconded by Mrs. Plumb, and was adopted by the following voting aye: President Mayer, Mr. Adams, Mr. Cleary, Mr. Jensen, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue, and the following voting nay: none.

The President of the Board therefore declared said resolution carried and the Secretary of the Board thereupon signed said resolution in approval thereof.

ADDITIONAL LOAN FOR ILLINI UNION BUILDING

(10) On July 21, 1938 (Minutes, page 36), the Executive Committee of the Board of Trustees adopted a resolution requesting the University of Illinois Foundation to apply to the Connecticut Mutual Life Insurance Company for a loan of \$550,000 to supplement a grant of \$450,000 from the Federal Emergency Administration of Public Works for the construction of the Illini Union Building. When it became evident from the bids received on this construction that the total cost would exceed the \$1,000,000 provided by this grant and loan, an application was made for an increased Federal grant, and at the same time the Connecticut Mutual Life Insurance Company was asked if it would consider increasing the amount of its loan on this project. The Federal Emergency Administration of Public Works has approved an increase of \$74,820 in the grant, and the Connecticut Mutual Life Insurance Company has authorized an additional loan up to \$106,000 for financing the construction of this building. The total additional funds thus made available are approximately \$30,000 in excess of estimated needs based upon present commitments.

The University of Illinois Foundation offers to contract with the Connecticut Mutual Life Insurance Company for an additional loan of \$106,000 for the purpose of completing the construction of the Illini Union Building with a provision in the contract that only as much of the additional loan as is needed will be used. This allows for a reserve if additional funds are needed later.

I recommend acceptance of this offer.

On motion of Mr. Moschel, this offer was accepted.

BIDS ON POWER PLANT CONSTRUCTION AND EQUIPMENT

(11) The following bids were received and opened before the Committee on Buildings and Grounds on July 10 on certain construction and equipment for the new power and heating plant and distribution system, including storage battery, concrete stack, transformers and reactors, 600-volt switch gear, water softening equipment, coal handling equipment, ash handling equipment, forced and induced draft fans, and cinder catchers.

<i>Contract</i>	<i>Lowest Bidder</i>	<i>Amount</i>
1. Forced and induced draft fans.	B. F. Sturtevant Co.	\$14 656
2. Storage battery	Gould Storage Battery Co.	1 446
3. Transformers and reactors.	Pennsylvania Transformer Co.	16 024
4. Switching equipment.	Marquette Electric Switchboard Co.	13 877
5. Water softening equipment.	Permutit Co.	5 536
6. Coal handling equipment.	Jeffrey Mfg. Co.	15 200
7. Cinder catcher.	Prat-Daniel Corp.	9 780
8. Ash handler.	United Conveyor Corp.	21 073
9. Chimney	Heine Chimney Co.	6 361

Mr. Havens presented this matter and commented on the detail. He recommended that the contracts be awarded to the lowest bidders

as shown except item 7, the cinder catcher, for which he recommended that the awarding of the contract be postponed.

On motion of Mrs. Plumb, these contracts (except item 7) were awarded as recommended.

CONTRACT FOR SERVICES OF SARGENT AND LUNDY, INC.

(12) By authority of the Board of Trustees (Minutes, November 29, 1938, page 149) the firm of Sargent and Lundy, Inc., has been retained as engineers in connection with the construction of the new power and heating plant and distribution system. A formal contract, however, has not been executed for their services. This firm is proceeding with the plans and specifications on the remainder of the equipment, building, and distribution system for which contracts have not yet been awarded. The Director of the Physical Plant Department, therefore, recommends that the University enter into a contract with Sargent and Lundy for these services, on the following terms and conditions. The estimated cost of these services is approximately \$94,800 and is included in the budget (State appropriation) for this project.

1. Power Plant Building and Equipment.—Acceptance of proposal No. 2 submitted under date of May 11, 1938, a copy of which is hereby given to the Secretary of the Board for record. Compensation for services (except services of Field Engineer) shall consist of a single charge which shall be equal to six per cent of the cost of the work to completion.

2. Distribution System.—Acceptance of Proposal No. 1 submitted under date of May 11, 1938, a copy of which is hereby given to the Secretary of the Board for record. Compensation for services shall consist of "current expense charges" and a "percentage of cost charge." At the request of Sargent and Lundy the Physical Plant Department is rendering certain services on this work on which an agreement has been reached as of June 7 on the division of responsibility. A copy of this agreement is also hereby given to the Secretary of the Board for record.

The Director of the Physical Plant Department recommends the acceptance of one proposal (or method) for determining the fee for services on the power plant and equipment, and another proposal for determining the fee for services on the distribution system, for reasons which he has summarized as follows:

"1. The fixed percentage fee if applied to the total estimated cost of the distribution system is the phase of the work on which Sargent and Lundy would probably realize the greatest profit. The proposed scheme should reduce the cost to the University.

"2. Because of their relatively small experience in the construction of distribution system facilities as compared with power plant construction, we realized that considerable work on the part of this Department would be necessary. We, therefore, asked how they wished to reimburse the University for the work which would be necessary from this Department. They immediately recognized that this Department had considerable information which would be necessary to be transmitted to them before the plans and specifications could be completed and, therefore, they suggested the memorandum which was submitted to you for the division of responsibility on the distribution system. This memorandum, if followed, will place the responsibility for the engineering design of the distribution system and the preparation of specifications in Sargent and Lundy but will leave to the Physical Plant Department the responsibility of preparing the drawings. It is our opinion that if this is followed it will result in a lower cost to the University than if the entire project was handled on a percentage fee basis."

On motion of Mr. Jensen, the officers of the Board were authorized to execute a contract with Sargent and Lundy as recommended.

INVESTMENT OF ENDOWMENT FUNDS

At this point, Mr. Pogue, for the Finance Committee, recommended that investments of trust funds be made as follows:

1. At the last meeting, the purchase of \$10,000 Gulf States Utilities, $3\frac{1}{2}\%$ of 1969, was authorized, the price stated being 103. This was an error, as these bonds were issued at 106 $\frac{3}{4}$ and are currently selling at 107 $\frac{1}{2}$. The First National Bank recommends the purchase at the present price.

2. We have \$10,000 on hand for investment. We recommend the transfer of \$4,000 Duluth, Missabe, and Iron Range Railway, 1st $3\frac{1}{2}\%$ of 1962, held in the Kinley fund, which is unrestricted, to group investments, and the purchase of the following:

\$4,000 Quaker Oats Common
 \$3,000 Santa Fe, Prescott, & Phoenix Railway, 1st 5's of 1942
 \$3,000 United New Jersey R. R. and Canal, 1st 4's of 1944

On motion of Mr. Pogue, these investments were authorized.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

APPROPRIATION FOR SPECIAL AND NON-RECURRING EXPENDITURES

(13) A recommendation that the following assignments be made from the General Reserve Fund for the purpose indicated in each case:

1. Repairing and modernizing the residence on the University's experimental farm at Olney, Illinois..... \$ 2 200
2. Improvements in Physical Plant Storeroom..... 5 000
3. Remodeling of Physics Building..... 11 000

During the presentation of this matter, President Mayer, being called from the room, asked Mr. Cleary to preside.

On motion of Mr. Adams, these appropriations were made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent. Mr. Horner, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Wieland.

At this point, President Mayer returned and resumed the chair.

RESTORATION OF ALTERNATES TO THE BASE CONTRACTS FOR THE CONSTRUCTION OF ILLINI UNION BUILDING

(14) On May 26, 1939, when contracts were awarded on the construction of the Illini Union Building, certain alternates were taken to keep the total cost within the funds available at that time. Since then additional funds have become available and the Director of the Physical Plant Department recommends the following restoration of alternates:

1. Alternate No. E-9 to provide main breakers on main power and light panels at the transformer room..... \$ 800
2. Alternate No. E-5 to the extent covered by quotation of the Wadeford Electric Company to Samuel R. Lewis, dated June 20, 1939..... 2 200
3. Addition of main breakers to electric panels listed as Paragraphs Nos. 32117-32118 of a Memorandum by Samuel R. Lewis, dated June 7, 1939..... 746
- Total \$3 746

On motion of Mr. Cleary, the restoration of these items was approved.

EXCHANGE OF CHICAGO PROPERTY

(15) The Director of the Physical Plant Department has suggested that the program for the exchange of University property in Chicago with Cook County be postponed until the new Executive Dean has taken office and has had sufficient time to study the rehousing program previously submitted to the Board which would make available student lounge and food service facilities. Among the needs of the Chicago Departments is a student center building, or similar quarters, better living conditions for the students, and completion of the rehousing program or some readjustment centralizing the three colleges. It is possible that the proceeds from the sale of some of the University's property might be used to complete the rehousing program.

Postponement of the exchange of property will not necessarily commit the Board as to a future program but will give time for study of an alternate plan which might result in an excellent use of funds realized from the sale of property.

On motion of Mr. Cleary, this exchange of property was postponed as suggested.

COLLEGE OF MEDICINE CLINICAL FACULTY 1939-1940

(16) A recommendation that the following appointments be made to the Clinical Faculty of the College of Medicine for the academic year beginning September 1, 1939, 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 Mrs. Plumb, these appointments were made and authority was granted as recommended.

Anatomy

ARTHUR V. BERGQUIST, B.S., M.D., *Assistant* (8 months from 10-1-39)
 SAMUEL JACOB BURROWS, M.D., *Assistant* (8 months from 10-1-39)
 MARVIN G. FLANNERY,¹ A.B., B.S., M.D., *Assistant* (8 months from 10-1-39)
 C. J. FOURNARAKIS, M.D., *Assistant* (8 months from 10-1-39)
 JACOB ABRAHAM GLASSMAN, B.S., M.D., *Assistant* (8 months from 10-1-39)
 WILLIAM T. HARSHA, JR., M.D., *Assistant* (8 months from 10-1-39)
 LOUIS A. HOLUB,² M.D., *Assistant* (8 months from 10-1-39)
 HERMAN LOUIS MISHKIN,¹ B.S., M.D., *Assistant* (8 months from 10-1-39)
 JAMES VINCENT OLIVER, B.S., M.D., *Assistant* (8 months from 10-1-39)
 THEODORE F. REUTHER,² B.S., M.D., *Assistant* (8 months from 10-1-39)
 PHILIP THOREK,² B.S., M.D., *Assistant* (8 months from 10-1-39)
 DAVID HOWARD WAGNER,¹ M.D., M.S., *Assistant* (8 months from 10-1-39)
 ARTHUR RUDOLPH WEIHE, A.B., M.D., *Assistant* (8 months from 10-1-39)

Criminology, Social Hygiene, and Medical Jurisprudence

PAUL LOUIS SCHROEDER, M.D., *Professor and Head of Department, Director of the Institute for Juvenile Research* (1 year)
 RACHELLE S. YARROS, M.D., *Professor, Emerita*
 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., *Assistant Professor* (1 year)
 MAXWELL GITELSON, B.S., M.D., *Assistant Professor* (1 year)
 THOMAS MORTON FRENCH, A.B., M.D., *Assistant Professor* (1 year)
 CHESTER WILLIAM DARROW,³ Ph.D., *Associate* (1 year)
 ADELAIDE M. JOHNSON, M.D., Ph.D., *Associate* (1 year)
 IRENE JOSSELYN, M.S., M.D., *Associate* (1 year)

¹Also Instructor in Surgery.

²Also Assistant in Surgery.

³Also Associate in Physiology—see salary budget.

MILTON L. MILLER, A.B., M.D., *Associate* (1 year)
 GUSTAVE F. WEINFELD, M.D., *Associate* (1 year)
 NOBEL G. 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,⁴ 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)
 MRS. FRANCES C. PERCE, M.S., *Assistant* (1 year)

Dermatology

WILLIAM ALLEN PUSEY, 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 O. 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)
 PAUL R. GRIFFITH, A.B., B.M., M.D., *Instructor* (1 year)
 HARVEY CORNELIUS ROLL, B.S., M.D., *Instructor* (1 year)
 IRENE NEUHAUSER, B.S., M.D., *Assistant* (1 year)

Laryngology, Rhinology, and Otolaryngology

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 EDMOND VAN ALYEA, M.D., *Associate* (1 year)
 PAUL HENRY HGLINGER,⁵ M.S., M.D., *Associate in Bronchoscopy* (1 year)
 ARTHUR J. COOMBS, A.B., M.D., *Instructor* (1 year)
 NOAH DANIEL FABRICANT, B.S., M.S., *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)
 JOSEPH G. SCHOOLMAN, A.B., M.D., *Instructor* (1 year)
 ALBERT HENRY ANDREWS, JR., M.D., M.S., *Instructor* (1 year)
 JOHN WILLIAM WALL, B.S., M.D., *Assistant* (1 year)
 LOUIS SAVITT, M.D., *Assistant* (1 year)
 ROBERT BERNARD LEWY, B.S., M.D., *Assistant* (1 year)

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 9-1-39)

⁴Also Managing Officer of the Research and Educational Hospital and Superintendent of the Dispensary—see salary budget.

⁵Also Associate in Laryngology, Rhinology, and Otolaryngology—see salary budget.

FRANK CHAUVET, M.D., *Associate Professor* (Indefinite)
 BENJAMIN GOLDBERG, M.D., *Associate Professor* (2 years from 9-1-39)
 JACOB MEYER, M.D., M.S., *Associate Professor* (2 years from 9-1-39)
 ISADORE PILOT,⁹ B.S., M.D., *Associate Professor* (2 years from 9-1-39)
 ELLIS BENJAMIN FREILICH, M.D., *Associate Professor* (2 years from 9-1-39)
 SAMUEL PERLSTEIN, M.D., *Associate Professor* (2 years from 9-1-39)
 FRANK B. LUSK, A.M., M.D., *Associate Professor* (1 year)
 FRANKLIN SAMUEL WILSON, Ph.G., M.D., *Assistant Professor* (1 year)
 SAMUEL A. LEVINSON,¹ M.S., M.D., *Assistant Professor* (1 year)
 DUANE WILLARD PROPST, A.B., B.S., M.D., *Assistant Professor* (1 year)
 ISIDORE A. RABENS, M.S., M.D., *Assistant Professor* (1 year)
 OSCAR BENJAMIN RAGINS, M.D., M.S., *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)
 LEO E. AMTMAN, B.S., M.D., *Associate* (1 year)
 ROBERT MOORE JONES, A.B., M.D., *Associate* (1 year)
 SAMUEL HENRY ROSENBLUM, B.S., M.D., *Associate* (1 year)
 ABE LOUIS AARONSON, M.D., M.S., *Instructor* (1 year)
 ARTHUR BERNSTEIN, B.S., M.D., *Instructor* (1 year)
 GEORGE CHARLES COE, B.S., M.D., *Instructor* (1 year)
 HENRY PICKETT DORMAN, Ph.D., M.D., *Instructor* (1 year)
 IRVING DREYER,⁸ 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)
 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)
 IRVING E. STECK,⁹ M.S., M.D., *Instructor* (1 year)
 WILLIAM STANLEY TIMBLIN, B.S., M.D., *Instructor* (1 year)
 THOMAS JOSEPH CONLEY, B.S., M.D., *Instructor* (1 year)
 MAX BERG,¹⁰ M.S., M.D., *Instructor* (1 year)
 EMANUEL JOSHUA FEINHANDLER, B.S., M.D., *Instructor* (1 year)
 LOUIS LEONARD FIORITO, B.S., M.D., *Instructor* (1 year)
 HAROLD MARK HOOVER, B.S., M.D., *Instructor* (1 year)
 JAMES EMMETT O'MALLEY, M.S., M.D., *Instructor* (1 year)
 NORMAN WIEN, B.S., M.D., *Instructor* (1 year)
 NORMAN LUDLOW BAKER, B.S., M.D., *Assistant* (1 year)
 PAUL L. BEDINGER, M.D., M.S., *Assistant* (1 year)
 ISADORE HYMAN COHN, B.S., M.D., *Assistant* (1 year)
 ERNST CRONHEIM, M.D., *Assistant* (1 year)
 SAMUEL IRWIN DITKOWSKY, B.S., M.D., *Assistant* (1 year)
 SALVATORE A. DIMICELI, B.S., M.D., *Assistant* (1 year)
 LOUIS EDIDIN, B.S., M.D., *Assistant* (1 year)
 AARON LOUIS GOLDBERG, M.D., *Assistant* (1 year)
 MAURICE GORE, M.D., M.S., M.S.P.H., *Assistant* (1 year)
 MAURICE ORRINGTON GROSSMAN, A.B., B.S., M.D., *Assistant* (1 year)
 MILTON S. HANDELMAN, B.S., M.D., *Assistant* (1 year)

⁸Also Associate Professor of Pathology—see salary budget.

⁹Also Associate Professor of Pathology and Director of Hospital Laboratory—see salary budget.

¹⁰Also Associate in Pathology.

⁹Also Instructor in Physiology.

¹⁰Also Instructor in Pathology.

WILLIAM FRANCIS JACOBS, A.B., B.S., M.D., *Assistant* (1 year)
 JOSEPH CHARLES EHRLICH, B.S., M.D., *Assistant* (1 year)
 SAMSON D. ENTIN, B.S., M.D., *Assistant* (1 year)
 REINHOLD ENOCH JOHNSON, B.S., M.D., *Assistant* (1 year)
 LEO CARROLL LARKIN, M.D., *Assistant* (1 year)
 HOWARD JACK LEVINE, B.S., M.D., *Assistant* (1 year)
 ARTHUR HARRY 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)
 CHARLES THEODORE POULSON, B.S., M.D., *Assistant* (1 year)
 EUGENE JOHN ROONEY, M.D., *Assistant* (1 year)
 JOHN BERNARD ROTH, B.S., M.D., *Assistant* (1 year)
 ABRAHAM HAPPY RUDOLPH, 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)
 JOHN D. SINGER, B.S., M.D., *Assistant* (1 year)
 WILLIAM R. SLADEK, B.S., M.D., *Assistant* (1 year)
 MITCHELL ABRAHAM SPELLBERG, M.D., M.S., *Assistant* (1 year)
 LOUIS ARLINGTON Terman, 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)
 JEROME T. PAUL, B.S., M.D., *Assistant* (1 year)
 CARL FRANK PALUMBO, B.S., M.D., *Assistant* (1 year)

Neurology and Neurological Surgery

ROLAND PARKS MACKAY, A.B., M.D., *Associate Professor* (1 year)
 DAVID MORTIMER OLKON,¹¹ A.M., M.D., *Assistant Professor* (1 year)
 BEN WILLIAM LICHTENSTEIN, M.D., M.S., *Associate* (1 year)
 HOWARD ZEITLIN, M.D., M.S., *Associate* (1 year)
 AARON ARTHUR HILKEVITCH, B.S., M.D., *Assistant* (1 year)

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, Emeritus*
 ALFRED JULIAN KOBAK, M.D., M.S., *Assistant Professor* (1 year)
 RICHARD A. LIFVENDAHL, B.S., *Assistant Professor* (1 year)
 SAMUEL KAPLAN, M.D., M.S., *Associate* (1 year)
 MILTON J. SUMMERVILLE, A.B., M.D., *Associate* (1 year)
 ALFONS R. BACON, B.S., M.D., *Instructor* (1 year)
 MATT BLOOMFIELD, B.S., M.D., *Instructor* (1 year)
 JOHN A. C. BUSBY, M.D., M.S., *Instructor* (1 year)
 EDWARD C. BERNELL, M.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 F. SCHNEIDER, M.D., *Instructor* (1 year)
 CHARLES OTIS SMITH, A.B., B.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)
 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.B., *Assistant* (1 year)
 LAVERNE MYRON WALLHEISER, B.S., M.D., *Assistant* (1 year)

¹¹Also Assistant Professor of Psychiatry—see salary budget.

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)
 MARTHA RUBIN FOLK, M.D., *Assistant* (1 year)

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)
 SAMUEL PERRY ROGERS, A.B., M.D., *Instructor* (1 year)
 HORACE EDWARD TURNER, B.S., M.D., *Instructor* (1 year)
 CHARLES EDWARD SHANNON, B.S., M.D., *Assistant* (1 year)
 JOSEPH DAVIS FARRINGTON, A.B., M.D., *Assistant* (1 year)
 HERBERT JULIUS SCHMIDT, A.A., M.D., *Assistant* (1 year)
 EVERETT ARTHUR GRIMMER, D.D.S., *Assistant in Dental Surgery* (1 year)
 DONALD MORRIS COUGHLIN, D.D.S., *Assistant in Dental Surgery* (1 year)

Pathology, Bacteriology, and Public Health*Pathology*

SAMUEL A. LEVINSON,¹² M.S., M.D., *Associate Professor* (1 year)
 OTTO SAPHIR, M.D., *Associate Professor* (1 year)
 ROBERT LEON LADD, M.D., M.S., *Assistant Professor* (1 year)
 JERRY JOSEPH KEARNS, B.S., M.D., *Assistant Professor* (1 year)
 PERRY JULIUS MELNICK, M.D., Ph.D., *Associate* (1 year)
 ROBERT PRESTON MACFATE,¹³ Ch.E., M.S., *Associate* (1 year)
 IRVING DREYER,¹⁴ M.S., M.D., *Associate* (1 year)
 MAX BERG,¹⁴ M.S., M.D., *Instructor* (1 year)
 REUBEN ISADORE KLEIN,¹⁵ M.S., M.D., *Instructor* (1 year)
 ALEX BENJAMIN RAGINS, M.S., M.D., *Instructor* (1 year)
 BUDD C. CORBUS, Jr., M.D., M.S., *Instructor* (1 year)
 BEN GERALD FISHKIN, A.B., M.D., *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)
 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)
 EMILY JONES, B.S., M.S., *Instructor* (1 year)
 MILAN MICHAEL WASICK, B.S., M.D., *Instructor* (1 year)
 G. HOWARD GOWEN, M.D., Ph.D., *Instructor* (1 year)
 NELL HIRSCHBERG, Ph.D., *Instructor* (1 year)
 PAUL KRUEGER, B.S., *Instructor* (1 year)
 EDWARD EDGAR PARK SEIDMON, Ph.G., M.D., *Instructor* (1 year)
 CARROLL W. STUART, D.D.S., M.S., M.D., *Instructor* (1 year)

¹²Also Director of the Hospital Laboratory—see salary budget.

¹³Also Assistant Director of the Hospital Laboratory—see salary budget.

¹⁴Also Instructor in Medicine.

¹⁵Also Instructor in Pediatrics.

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)*
 BENGT L. K. HAMILTON, M.D., *Associate Professor (1 year)*
 LESTER EDWARD BOWER, A.B., M.D., *Assistant Professor (1 year)*
 BENJAMIN MORRIS GASUL, M.D., M.S., *Assistant Professor (1 year)*
 HARRY LEICHENGER, B.S., M.D., *Assistant Professor (1 year)*
 BENJAMIN MORDECAI LEVIN, B.S., M.D., *Assistant Professor (1 year)*
 IRIS MCKY CHAMBERLAIN, M.D., *Associate (1 year)*
 SOLOMON MAXWELL GOLDBERGER, M.D., *Associate (1 year)*
 SAMUEL JULIAN HOFFMAN, 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,¹⁶ M.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)*
 EUGENE GETTELMAN, B.S., M.D., *Assistant (1 year)*
 EMERSON KING McVEY, M.D., *Assistant (1 year)*
 IRVING BERNHARD RICHTER, B.S., M.D., *Assistant (1 year)*
 ABRAHAM ALVIN WOLF, B.S., M.D., *Assistant (1 year)*

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, Ph.D., *Associate (1 year)*

Physiology

IRVING E. STECK,¹⁷ M.S., M.D., *Instructor (1 year)*

Psychiatry

FRANZ GABRIEL ALEXANDER, A.B., M.D., *Associate Professor (1 year)*
 ALFRED P. SOLOMON, A.B., M.D., *Assistant Professor (1 year)*
 LOUIS HAROLD COHEN, Ph.D., 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)*
 SAMUEL B. BRODER, M.D., M.S., *Associate (1 year)*
 LLOYD HIRAM ZIEGLER, A.M., M.D., *Lecturer (1 year)*
 RALPH HENRY KUHN, B.S., M.D., *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)*

¹⁶Also Instructor in Pathology.

¹⁷Also Instructor in Medicine.

BERNARD SKORODIN, M.D., M.S., *Assistant* (1 year)
 ISRAEL RONALD SONENTHAL, M.D., M.S., *Assistant* (1 year)
 MELVIN FRANK OTTO BLAUROCK, M.D., M.S., *Assistant* (1 year)
 CHESTER WADE, M.S., M.D., *Assistant* (1 year)
 ELIZABETH MACDOUGALL, A.M., M.D., *Assistant* (1 year)

Roentgenology

DAVID SOLOMON BEILIN, B.S., M.D., *Associate* (1 year)
 ALFRED CAMPBELL LEDOUX, M.D., *Associate* (1 year)
 BRANTLEY METTANER JOHNSON, M.D., *Instructor* (1 year)
 ARTHUR SEPHUS JUUL PETERSEN, B.S., M.D., *Assistant* (1 year)

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*
 FREDERICK GEORGE DYAS, M.D., *Professor, Emeritus*
 GEORGE DE TARNOWSKY, 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)
 LOUIS WILLIAM SCHULTZ, D.D.S., B.S., 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)
 MINAS JOANNIDES, M.D., M.S., *Assistant Professor* (1 year)
 HENRY OSCAR WERNICKE, A.B., M.D., *Assistant Professor* (1 year)
 EMIL JAMES STEIN,¹⁸ M.D., *Assistant Professor* (1 year)
 HAROLD IRVING MEYER, A.B., B.S., M.D., *Assistant Professor* (1 year)
 BENJAMIN F. CROUTCH, M.D., *Associate* (1 year)
 VIRGIL RAY STEPHENS, M.S., M.D., *Associate* (1 year)
 GUSTAV LEOPOLD ZECHEL,¹⁹ 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., 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)
 PAUL WEBB GREELEY, A.B., M.D., *Associate* (1 year)
 JOHN FRANCIS PICK, B.S., Mus.M., 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,²⁰ A.B., B.S., M.D., *Instructor* (1 year)
 EPHRAIM FRANK GOODMAN, B.S., 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)

¹⁸Also Instructor in Anatomy—see salary budget.

¹⁹Also Assistant Professor of Anatomy—see salary budget.

²⁰Also Instructor in Anatomy.

HERMAN LOUIS MISHKIN,²¹ B.S., M.D., *Instructor* (1 year)
 DAVID HOWARD WAGNER,²¹ M.D., M.S., *Instructor* (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.B., M.D., *Assistant* (1 year)
 ALF J. HOLM, A.B., M.D., *Assistant* (1 year)
 LOUIS ALOIS HOLUB,²¹ M.D., *Assistant* (1 year)
 JOSEPH HERMAN JESSER, A.B., B.S., M.D., *Assistant* (1 year)
 RICHARD ARTHUR MATTHIES, B.S., M.D., *Assistant* (1 year)
 HAROLD ALAN ROTH, A.B., B.S., M.D., *Assistant* (1 year)
 RAYMOND ELMER SORENSSEN, M.S., M.D., *Assistant* (1 year)
 EVERETT LEE STROHL, M.D., M.S., *Assistant* (1 year)
 PHILIP THOREK,²¹ B.S., M.D., *Assistant* (1 year)
 JOHN O. HANSON, B.S., M.D., *Assistant* (1 year)
 FRANK FOLBERT KANTHAK, B.S., D.D.S., M.D., *Assistant* (1 year)
 THEODORE F. REUTHER,²¹ B.S., M.D., *Assistant* (1 year)

Urology

VINCENT JOHN O'CONOR, B.S., M.D., *Associate Professor* (1 year)
 JOHN TALBOT GERNON, M.D., M.S., *Associate* (1 year)
 FREDERICK WILLIAM SCHACHT, M.S., M.D., *Associate* (1 year)
 JOSEPH WALKON PLATIN, M.D., *Instructor* (1 year)
 JOSEPH STEPHEN DRABANSKI, B.S., M.D., *Instructor* (1 year)

HEADSHIP OF DEPARTMENT OF HORTICULTURE

(17) The retirement of Dean J. C. Blair, who is also Head of the Department of Horticulture, will create a vacancy in the headship of that Department. I recommend that Dr. John W. Lloyd, Professor and Chief of Olericulture, be appointed Professor and Chief of Horticulture and Acting Head of the Department of Horticulture for one year; and Professor and Chief of Fruit and Vegetable Marketing in the Department of Agricultural Economics on indefinite tenure, effective September 1, 1939, at an annual salary of \$5,500. It is further recommended that on termination of this one-year appointment as Acting Head of the Department of Horticulture and Professor and Chief of Horticulture, Doctor Lloyd continue as Professor and Chief of Fruit and Vegetable Marketing in the Department of Agricultural Economics on indefinite tenure at an annual salary of \$5,500.

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

HEADSHIP OF DEPARTMENT OF ANIMAL HUSBANDRY

(18) A recommendation that Professor William E. Carroll be appointed Head of the Department of Animal Husbandry, Professor of Swine Husbandry, in the College of Agriculture, and Chief in Swine Husbandry, in the Agricultural Experiment Station, on indefinite tenure beginning September 1, 1939, at a salary of \$6,000 a year. Professor Carroll has been a member of the faculty of the University of Illinois as Professor of Swine Husbandry in the College of Agriculture and Chief in Swine Husbandry in the Agricultural Experiment Station since 1924.

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

APPOINTMENT OF EMMETT B. McNATT AS ASSISTANT PROFESSOR OF ECONOMICS

(19) A recommendation that Emmett B. McNatt, Associate Professor of Economics at North Carolina State College, be appointed Assistant Professor of

²¹Also Assistant in Anatomy.

Economics for two years beginning September 1, 1939, at an annual salary of \$3,250.

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

STATUS OF DEAN CHARLES M. THOMPSON

(20) Dean Charles M. Thompson of the College of Commerce and Business Administration has been elected President of the Alumni Association and President of the University of Illinois Foundation. He requests permission to devote approximately one-fourth of his time during the year 1939-1940 to the activities of these two organizations. He recommends that during such absence from the University as this may require, Professor H. T. Scovill, Head of the Department of Business Organization and Operation, be authorized to act for the Dean in the administration of the College.

On motion of Mr. Cleary, this assignment of duties was approved.

LEAVE OF ABSENCE FOR H. B. JOHNSTON

(21) A recommendation that H. B. Johnston, Executive Secretary in the President's Office, be given sick leave with full pay from July 17 to October 1, 1939, or so much of that time as may be necessary.

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

INCLUSION OF NEUROPSYCHIATRIC INSTITUTE IN AGREEMENT WITH THE DEPARTMENT OF PUBLIC WELFARE

(22) The Research and Educational Hospitals are operated jointly by the University and the State Department of Public Welfare under an agreement between the Board of Trustees and the Department executed in 1932 (Minutes, April 20, 1932, page 562). This agreement was authorized by an act of the General Assembly and has the effect of a law. The agreement defines the units of the Research and Educational Hospitals which are covered by it and provides that such other hospitals and units hereafter created may be included in this arrangement by agreement between the Department and the University. It has been proposed that the new Neuropsychiatric Institute of the Department of Public Welfare, now under construction, shall be included in this agreement and an amendment thereto is being drafted.

On motion of Mrs. Plumb, the amendment of the agreement with the Department of Public Welfare to secure the inclusion of this Institute was authorized.

AFFILIATION OF ILLINOIS EYE AND EAR INFIRMARY WITH COLLEGE OF MEDICINE

(23) On October 26, 1935 (Minutes, page 453), the Board of Trustees authorized the President of the University to negotiate with officials of the Illinois Eye and Ear Infirmary and the State Department of Public Welfare for a cooperative arrangement between the Infirmary and the University to promote graduate work in the medical sciences. Subsequently it was agreed by all parties concerned that it would not be feasible to place the activities of the Illinois Eye and Ear Infirmary under the jurisdiction of the Graduate School, but that this affiliation should be with the College of Medicine, similar to the arrangement between the University and the Department of Public Welfare relating to the operation of the Research and Educational Hospitals. In fact, when the Infirmary is housed in a new building to be constructed as a unit of the Research and Educational Hospitals, it would provide quarters for the eye department and the ear, nose, and throat departments of the College of Medicine.

The Joint Committee of Management of the Department of Public Welfare and the College of Medicine urges immediate consideration of this. I recommend that the matter be referred to the Committee on the Chicago Departments and the President of the University for consideration and report.

On motion of Mrs. Plumb, this recommendation was adopted.

BOXING AS A PART OF THE PROGRAM OF PHYSICAL EDUCATION AND INTRAMURAL SPORTS

(24) The unfortunate accidents which have occurred from time to time in boxing bouts among college students have given University officials grave concern and have raised the question whether boxing as a sports activity should be continued.

Such a question could not be settled by discussion alone but required information from those individuals who have had experience with boxing as a college sport and a careful analysis of available pertinent evidence. Consequently, last year the President of the University appointed a committee to make a careful study of this question, to weigh the evidence for and against boxing as a University activity, and to give its conclusions. The members of this committee are H. E. Kenney, Assistant Professor of Physical Education for Men and Head Wrestling Coach, Dr. H. C. Gebhart, Assistant Professor of Hygiene and Medical Adviser for Men, and Dr. E. A. Thacker, Associate in Hygiene and Medical Adviser for Men.

This committee spent several months in making a thorough and painstaking study of the question referred to it. It gathered information about the experience of many other institutions and secured expert medical opinions. After a careful study of the data collected the committee reached the unanimous opinion that boxing should not be included in the sports program of an educational institution, either as a curricular or an extra-curricular activity. The basis for its conclusion, which is amply supported by the evidence in the committee's report, is as follows:

First: The objective of all offensive maneuvers in boxing is to injure an opponent. The more efficiently an offensive is executed, the greater the injury incurred.

Second: The type of injuries most common are insidious in nature and in many cases not recognized by either participants or coaches. The effects of head blows are cumulative and are not recognized in early stages. Knockouts are not recorded as injuries in this sport.

Third: Contests of intramural or intercollegiate nature are impossible to control; hence the dangers of ill-effects to participate outweigh the values of the competition.

Fourth: Instructional classes in boxing are not particularly dangerous, but it is impossible to justify teaching an activity and at the same time to advise students against participation in the activity taught.

The Director of the School of Physical Education and the Director of Intercollegiate Athletics concur in the opinion and conclusions of the special committee.

This matter was referred to the President of the University.

DIVISION OF STUDENT HOUSING

(25) At the meetings of the Board of Trustees on May 26 and June 8, I submitted certain reports and recommendations as follows:

1. Reorganization of student activities—report and recommendations from Senate Committee on Student Affairs.
2. University supervision of fraternities—report of Committee on Fraternity Affairs.
3. Student supervision off the University campus.

The last item has already been authorized by the Board; the other two have been referred to the Committee on Affiliated Student Activities, but on July 6 I suggested to the Committee that it postpone further consideration because I believe we have a solution which will make possible this reorganization through the use of existing personnel. With the report on reorganization of student activities I submitted certain recommendations of my own including the appointment of (1) a Director of Student Activities and Manager of the Illini Union Building, and (2) a Director of Student Housing and Executive Secretary of Committee on Discipline.

I now recommend that the Board authorize the establishment of a Division

of Student Housing, provision for which has been made in the budget for 1939-1940. The details of its organization and its relation to other University offices will be worked out during the summer and will be submitted to the Board at a subsequent meeting. In the meantime, authorization to set up the division is desired so that it will be functioning when the University opens in September.

On motion of Mrs. Plumb, the organization of this division was approved as recommended.

PURCHASES RECOMMENDED

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

1. Equipment and materials for the Dental Supply Room for resale to dental students:

50 L 460 Dentoforms;

52 Aluminal Dentoforms, upper half jaw without first bicuspid and first molar;

from the Columbia Dentoform Corporation at a price of \$1,140. These are non-competitive and the price quoted is one which has been established for some time by the manufacturer.

68 $\frac{3}{8}$ H.P. Dental Lathes;

6 extra switch handles for above;

from the Central Dental Manufacturing Company at a price of \$1,906.40. This is a non-competitive item.

56 Sets of Dental Operative Instruments;

from the Fara Manufacturing Company, the low bidder, at a price of \$2,291.52.

Finishing Sets, Instruments, Materials, etc.;

from the C. L. Frame Dental Supply Company at a price of \$2,277.95 and from the S. S. White Dental Manufacturing Company at a price of \$4,873.29. These articles are sold at discounts set by manufacturers, and the volume has been divided between two companies as indicated above to the best advantage.

On motion of Mr. Moschel, these purchases were authorized as recommended.

RELEASE OF PATENT RIGHTS

(27) The Faculty Committee on Patents recommends that the following discoveries be released to the members of the staff concerned for the reasons indicated in each case and that they be authorized to apply for patents in their own rights if they so desire:

1. To Messrs. Russell H. Reed, Stanley M. Elliott, and Fred R. Wiley of the College of Agriculture, a discovery described as follows: (a) The idea of separating the crushing rolls in machines for crushing or splitting the stems of hay or other plants, to promote more rapid drying; for the purpose of preventing the rolls from coming into such intimate contact as would break apart the stems and other portions of the material being crushed; and (b) The idea of providing a means whereby the crushing rolls of said machine could be temporarily separated by a distance sufficient to allow obstructions, such as stones, ears of corn, bunches of hay, etc., to pass readily between the rolls and be discharged at the rear of the machine.

The Committee is of the opinion that if a patent should be obtained, which is doubtful, it would not be a basic patent since the General Foods Corporation controls basic patents on such processes.

2. To Professor C. S. Marvel, a discovery described as follows: A satisfactory method of preparing a glass-like polymer from methyl bromoacrylate and also one from methyl chloroacrylate. These polymers have unusual properties since the units are joined together in a fashion which has not been previously recognized. We can dehalogenate these polymers with either potassium iodide or zinc; we can hydrolyze these polymers to hydroxy acids. These reactions lead to new and interesting polymers.

This is a highly technical process, and Professor Roger Adams has advised

that in his opinion the discovery would possess no particular commercial value.
I concur in the recommendations of this Committee.

On motion of Mr. Pogue, these contracts were released as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(28) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER MAY 14, 1939, TO JULY 5, 1939

Contract executed under specific action of Board of Trustees:

<i>With Whom</i>	<i>For</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Mrs. Jennie Brownfield, et al.	Purchase of Brownfield Woods	\$10 105	June 20, 1939

Lease executed under general regulations of Board of Trustees:

<i>With Whom</i>	<i>Property</i>	<i>Tenure</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Prosper Fournie	Madison County orchard land	Year 1939	\$50	June 3, 1939

This report was received for record.

PROPOSED CHANGES IN BY-LAWS AND PROCEDURE RELATING TO INVESTMENTS

(29) It has become evident that certain changes are needed to expedite the handling of investments, the procedure for which has not been modified since April, 1925. The matter has been reviewed by the Chairman of the Finance Committee and the Comptroller, who submit the following proposals, in which I concur:

1. Change Article III, Section 4, by omitting the words "or sale of bonds."
2. Change Article IV, Section 3, paragraph 2, to read "It shall not have the power to lease, sell, or purchase real estate unless previously authorized by the Board in session or a majority of the members individually in writing."
3. Adopt a revised "Policy for Investment of Trust Funds" to replace "Rules for Investment of Trust Funds" approved April 8, 1925.

PROCEDURE FOR PURCHASE AND SALE OF INVESTMENTS

Present Procedure

Under Article IV, Section 3, paragraph 2, of the By-laws of the Board of Trustees, the authority to sell bonds or other securities is retained by the full Board except that the Executive Committee, on recommendation of the Finance Committee, may authorize the purchase or sale of securities "when the interests of the University require."

Under procedure adopted April 8, 1925, advice concerning funds requiring investment of securities needing attention is submitted to the President of the University, who reports the matter to the Finance Committee. The Finance Committee must then make a recommendation to the Board or to the Executive Committee, after which the transaction can be carried out.

Problems Involved

The investments of the University have increased greatly since this procedure was adopted, and problems of investment arise much more frequently and with much greater urgency than at that time. In the meantime the Board of Trustees has engaged an investment counsel to advise concerning all matters of investment. The Comptroller, with the approval of the President, has communicated problems relating to investment directly to the Finance Committee.

The procedure provided by the By-laws and by the action of April 8, 1925, therefore no longer properly describes the procedure now being followed and

does not make possible the expeditious handling of problems as they arise. A provision is needed to make it possible for the Finance Committee to act on these matters on the basis of recommendations received from the investment counsel and transmitted to the Committee by the Comptroller.

Article III, Section 4, of the By-laws also provides that a record vote of the Board be taken on the sale of bonds, whereas this procedure has not been followed for some time. It should be kept in mind that the present By-laws were originally adopted in 1908.

Proposed Procedure

1. It is proposed that Article III, Section 4, of the By-laws be amended to omit the words "or sale of bonds," thus eliminating the necessity of a record vote on proposals relating to investments.

2. It is proposed that Article IV, Section 3, paragraph 2, of the By-laws be amended to eliminate reference to "bonds or other securities" thus restricting the power of the Executive Committee only to the sale or purchase of real estate.

3. It is proposed to adopt a revised policy for the investment of trust funds to replace the rules approved April 8, 1925. In this statement it is provided that the Finance Committee, on recommendation of investment counsel, shall make recommendation to the Board or the Executive Committee for the purchase or sale of securities, but in an emergency may authorize immediate action when the interests of the University so require, in which case a report should be made to the Board at the next succeeding meeting. It also provides that investments shall be made in accordance with the Illinois Statutes except where otherwise provided in any individual fund and that funds unrestricted as to investment shall be pooled for investment purposes. These policies represent no change in present procedure so far as the method of selecting investments or of handling funds is concerned.

PROPOSED REVISIONS IN BY-LAWS OF THE BOARD OF TRUSTEES

Article III, Section 4, to be amended to read: A record vote of the Board shall be had on all propositions for the appropriation of the funds of the University or its expenditures or to create any liability, or on the sale, purchase, or leasing of real estate, and on any contract for the construction of buildings or any amendment or revision of the Statutes of the University or By-laws of the Board, and on the demand of any members of the Board made before the announcement of a vote otherwise taken.

Article IV, Section 3, paragraph 2, to be amended to read: It shall not have the power to lease, sell, or purchase real estate unless previously authorized by the Board in session or a majority of the members individually in writing.

PRESENT RULES FOR INVESTMENT OF TRUST FUNDS

It shall be the duty of the Comptroller of the University to notify the President of the University whenever money belonging to any Trust Fund requires investment or when re-investment seems advisable.

The President shall report the matter to the Finance Committee and to the Board with information he may secure from those informed on such matters.

The Finance Committee shall then make a recommendation to the Board for the investment of said funds in accordance with the statutes of the State of Illinois for the investment of Trust Funds.

PROPOSED POLICY FOR INVESTMENT OF TRUST FUNDS

1. An investment counsel shall be engaged by the Board on the recommendation of the Finance Committee to advise concerning the purchase and sale of securities.

2. It shall be the duty of the Comptroller to notify the Finance Committee whenever any moneys are on hand in trust funds requiring investment or when any change in investment becomes advisable. With such notice he shall transmit to the Committee the recommendations of the investment counsel concerning available investments and such other information as he may consider desirable.

3. The Finance Committee shall then make a recommendation to the Board of Trustees or the Executive Committee for the purchase or sale of securities, provided that in an emergency the Finance Committee may authorize the immediate sale or purchase of securities when the interests of the University so require, in which case a report of all such actions shall be made to the Board at the next succeeding meeting.

4. Investments of all trust funds shall be made only in accordance with the trust fund investment statute of the State of Illinois unless otherwise authorized by the deed of gift of any individual fund.

5. All securities or other property received as gifts shall be carried as investments of the specific funds for which they were received until such time as they mature or are disposed of for cash. All cash received as gifts or in realization of other assets, unless otherwise specified in the deed of gift of any fund, shall be pooled for investment purposes. All funds shall share in income, profits, and losses on such investments in proportion to their participation in the pool, all factors considered.

On motion of Mr. Adams, these procedures were authorized and the By-Laws were amended as recommended, by the following vote: Aye, Mr. Adams, Mr. Jensen, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Mr. Karraker, Dr. Meyer, Mr. Wieland.

ADJUSTMENTS IN BUDGET OF ATHLETIC ASSOCIATION FOR 1938-1939

(30) The Board of Directors of the Athletic Association has made appropriations as follows from surplus funds for the purposes indicated, these expenditures being in addition to those authorized in the regular operating budget for 1938-1939:

For golf team travel.....	\$ 125
Replacement of 120 tubes in the ammonia condensers at the Ice Skating Rink.....	800
Supervision of tennis courts and golf course for summer months	300
Reserve fund for plant maintenance and replacements....	10 000

On motion of Mr. Adams, these adjustments were approved.

BUDGET OF THE ATHLETIC ASSOCIATION FOR 1939-1940

(31) In accordance with the By-Laws of the Athletic Association as approved by the Board of Trustees, I submit the budget of the Athletic Association for 1939-1940 as presented by the Board of Directors of the Association. This budget has been examined in detail by the Comptroller and reviewed by the President of the University.

The estimated income of the Association for the coming year is \$232,200 as compared with approximately \$199,000 for the year just closed. Estimated expenditures are \$230,302.98 representing an excess of \$1,897.02 estimated income over estimated expenses.

The increase in income consists of \$20,000 estimated additional from football and an adjustment of about \$7,000 in the methods of accounting for the Ice Skating Rink income.

The budget for 1938-1939 carried an estimate of excess of income over expenditures to the amount of approximately \$8,000. At the beginning of the year the Association had an operating surplus after reserves of \$65,595. This surplus, as of July 1, 1939, will be about \$39,000.

Certain changes and adjustments which I have suggested to the Athletic Association result in a reduction of \$300 in the proposed budget, making a total of \$230,002.98, which represents an excess of \$2,197.02 estimated income over estimated expenditures.

I recommend approval of this budget by the Board of Trustees.

On motion of Mr. Pogue, this budget was approved.

DEGREES CONFERRED IN JUNE, 1939

The Secretary presented for record the following list of degrees conferred at the annual Commencement in June.

SUMMARY OF DEGREES, JUNE, 1939**Degrees in the Graduate School, conferred at Urbana:**

Doctor of Philosophy.....	72
Architectural Engineer.....	1
Ceramic Engineer.....	1
Civil Engineer.....	3
Electrical Engineer.....	2
Mechanical Engineer.....	1
Master of Arts.....	98
Master of Science.....	157
Master of Business Administration.....	1

Total, Graduate School, Urbana..... 336

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	62
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Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences.....	464
Bachelor of Science, College of Liberal Arts and Sciences...	115
Bachelor of Science, College of Commerce.....	337
Bachelor of Science, College of Engineering.....	211
Bachelor of Science, College of Agriculture.....	199
Bachelor of Science, College of Education.....	235
Bachelor of Science, School of Journalism.....	63
Bachelor of Science, School of Physical Education.....	34
Bachelor of Science, Library School.....	90
Bachelor of Science, College of Fine and Applied Arts.....	54
Bachelor of Music, College of Fine and Applied Arts.....	8
Bachelor of Fine Arts, College of Fine and Applied Arts....	20

Total, Baccalaureate Degrees, Urbana..... 1 830

Total, Degrees Conferred at Urbana..... 2 228

Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science in Pharmacy.....	60
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Degrees in Dentistry, conferred at Chicago:

Bachelor of Science in Dentistry.....	27
Doctor of Dental Surgery.....	19

Total, Dentistry..... 46

Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Medicine.....	88
Certificate in Medicine.....	(149) ¹
Bachelor of Medicine.....	5

Total, Medicine..... 93

Degrees in the Graduate School, conferred at Chicago:

Doctor of Philosophy.....	1
Master of Science.....	23

Total, Graduate School, Chicago..... 24

Total, Degrees Conferred at Chicago..... 223

Total, Urbana and Chicago, June, 1939..... 2 451

Degrees conferred in August, 1938..... 248

Degrees conferred in October, 1938..... 256

Degrees conferred in February, 1939..... 319

Doctor of Medicine, conferred since June 13, 1938..... 147

Total, Degrees Conferred Since Commencement in June 1938..... 970

Grand Total..... 3 421

¹Showing the completion of four years of work—not counted as degrees.

Degrees Conferred June 12, 1939, at Urbana

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Accountancy

JOHN WOOD McMAHAN, B.S., M.S., 1931, 1932

In Botany

WALTER HOWARD BROWN, B.Ed., Illinois State Normal University, 1932; A.M.,
1937
PHYLLIS LUCY COOK, B.S., M.S., University of Pittsburgh, 1934, 1936

In Chemistry

THEODORE LESUEUR CAIRNS, B.S., University of Alberta, 1936
JOHN HITCHCOCK CHAPIN, B.Chem., Cornell University, 1935
WALTER FREDERICK CLAUSSEN, A.B., 1936
WILLIAM RICHARD DIAL, A.B., Ohio Wesleyan University, 1936
LAWRENCE HALLOWELL DUNLAP, A.B., B.Ed., A.M., University of Missouri, 1931,
1933, 1935
LOWELL DEPP EUBANK, A.B., Kansas State Teachers College, 1936
WESLEY ORLEAN FUGATE, B.S., Western Kentucky Teachers College, 1933
DUDLEY BREWER GLASS, A.B., Georgetown College, 1935
HUGH WILLIAM GRAY, B.S., M.S., University of Nebraska, 1936, 1937
PHILIP HANDLER, B.S., College of City of New York, 1936; M.S., 1937
ALFRED ANTON JOHNSON, B.S., 1936
JACOB KLEINBERG, B.S., Randolph-Macon College, 1934; M.S., 1937
CHARLES LOUIS LEVESQUE, A.B., A.M., Dartmouth College, 1934, 1936
EDWARD JOHN MATSON, B.S., A.B., Wheaton College, 1933; M.S., 1936
ROBERT LEE MAY, B.S., M.S., 1935, 1937
CHARLES HAMILTON MCBURNEY, A.B., University of Oregon, 1933; M.S., Oregon
State College, 1935
VICTOR GERALD MEADORS, B.S., 1935
DONALD BURTON MELVILLE, B.S., M.S., 1936, 1937
NEIL SENNETT MOON, B.S., Pennsylvania State College, 1935
HERBERT DAWSON RHODES, B.S., M.S., University of Arizona, 1935, 1936
CARL LINDEN ROLLINSON, B.S., University of Michigan, 1933
JAMES HALVERSON SAMPLE, B.S., Elmhurst College, 1935; M.S., 1936
ALVIN GEORGE SHARP, B.S., M.S., 1935, 1936
HARRY HALL SISLER, B.S., Ohio State University, 1936; M.S., 1937
DAVID TURNBULL, JR., B.S., Monmouth College, 1936
RALPH WALDO WAGER, A.B., M.S., Emory University, 1935, 1936
LORING RIDER WILLIAMS, B.S., West Virginia-Wesleyan College, 1927; M.S., West
Virginia University, 1932
WILLIAM WILSON WILLIAMS, B.S., University of Maryland, 1936
DONALD EDWIN WOLF, B.S., Wheaton College, 1935

In Economics

HALE LLOYD NEWCOMER, A.B., B.S., M.S., 1924, 1925, 1930
KENNETH LEWIS TREFFTZS, B.S., M.S., 1936, 1937

In Education

LELAND POWERS BRADFORD, A.B., A.M., 1931, 1935

In Engineering

ALFRED EARL BADGER, B.S., Case School of Applied Science, 1922; M.S., 1929
CAMERON GERALD HARMAN, B.S., M.S., 1929, 1935
FAY VANISLE TOOLEY, A.B., M.S., 1932, 1936
CARL HENRY ZWERMANN, B.S., M.S., 1929, 1937

In English

EMERALD GARRETT BALLARD, A.B., A.M., University of Mississippi, 1931
 PAUL JOHN COOKE, A.B., A.M., 1936, 1937
 MICHAEL FRANCIS MOLONEY, A.B., Notre Dame University, 1926; A.M., Georgetown University, 1931
 FREDERIC CHARLES OSENBURG, A.B., A.M., University of Michigan, 1928, 1929
 J. ALLAN SMITH, A.B., Illinois Wesleyan University, 1927; A.M., 1932

In Geology

W. FARRIN HOOVER, A.B., University of Cincinnati, 1930; A.M., Kansas University, 1932

In German

CARL HAMMER, A.B., Catawba College, 1934; A.M., Vanderbilt University, 1936
 ALFRED CHARLES FREDERICK SCHERER, A.B., A.M., 1934, 1936

In History

JOSEPH BLISS JAMES, A.B., A.M., University of Florida, 1934, 1935
 MARVIN EDMUND LOWE, A.B., Milligan College, 1935; A.M., 1937
 ROBERT DAVID OCHS, A.B., Illinois Wesleyan University, 1936; A.M., 1937

In Horticulture

RICHARD VINCENT LOTT, B.S., A.M., University of Missouri, 1925, 1926

In Mathematics

WARREN AMBROSE, B.S., M.S., 1935, 1936
 JOSEPH JACKSON EACHUS, A.B., Miami University, 1933; A.M., Syracuse University, 1936
 RICHARD ARTHUR LEIBLER, B.S., A.M., Northwestern University, 1935, 1936
 ANDREW OLIVER LINDSTRUM, JR., A.B., Harvard University, 1935; A.M., 1936
 LOUIS WILLIAM TORDELLA, B.S., A.M., Loyola University, 1933, 1935

In Physics

JOHN WESLEY CLARK, A.B., University of Montana, 1935; M.S., 1937
 LYLE WINSTON PHILLIPS, B.S., North Dakota State College, 1932; M.S., University of Buffalo, 1935
 ROBERT ROGERS, A.B., M.S., 1936, 1937

In Political Science

ELLIOT CASSIDY, A.B., A.M., 1934, 1935
 LING TUNG, A.B., Fuh Tan University, 1928; A.M., 1937

In Psychology

HUBERT EDWARD BROGDEN, A.B., 1935
 PHIL SHERIDAN SHURRAGER, B.S., Muskingum College, 1930; A.M., Ohio University, 1932

In Romance Languages

JOSEPH HENRI AMIEL, B.S., Lycée de Nice, France, 1920; A.B., College of William and Mary, 1930; A.M., 1933
 FELIX BRUNO GIOVANELLI, A.B., A.M., 1935, 1936
 MARSHALL ELBERT NUNN, A.B., A.M., Stanford University, 1924, 1925

In Zoology

CLARENCE JAMES GOODNIGHT, A.B., A.M., 1936, 1937
 STEPHEN WOOD GRAY, A.B., Lake Forest College, 1936; A.M., 1937
 SARAH ELIZABETH JONES, B.S., M.S., Southern Methodist University, 1934, 1935
 HARRY GEORGE KIMPEL, A.B., Carroll College, 1934; M.S., University of Nebraska, 1936
 MARVIN CLINTON MEYER, B.S., Missouri State Teachers College, 1932; A.M., Ohio State University, 1936
 EUGENE PLEASANTS ODUM, A.B., A.M., University of North Carolina, 1934, 1936

Professional Degrees in Engineering*Degree of Architectural Engineer*

BRUCE UTHUS, B.S., 1923

Degree of Ceramic Engineer

ROBERT LEE SHUTE, B.S., 1910

Degree of Civil Engineer

AUGUST EVAN NIEDERHOFF, B.S., 1930

BENJAMIN LINDLEY PICKETT, B.S., 1929; M.S., University of Colorado, 1935

JOHN CHOWNING SAGER, B.S., 1926

Degree of Electrical Engineer

ORVILLE EMMETT FAWCETT, B.S., 1923

CLAUDE HAZLETT REEDER, B.S., 1910

Degree of Mechanical Engineer

CHARLES ALVIN DAVIS, JR., B.S., 1932

Degree of Master of Arts*In Chemistry*

BENJAMIN DIMMICK DEACON, A.B., University of Toronto, 1938

MARIAN LOUISE KABLER, A.B., Randolph-Macon Woman's College, 1937

JAMES LUTHER d'AUMONT ROTH, A.B., Carthage College, 1938

CARLETON ANGELO SPERATI, A.B., Luther College, 1938

JAMES RICHARD WEISIGER, A.B., 1938

In Classics

NATHAN DANE, II, A.B., Bowdoin College, 1937

ALICE MAE DIXON, A.B., Keuka College, 1938

BERENICE M. DIXON, A.B., Eureka College, 1929

MARY RATHSACK, A.B., 1917

HELEN RUBY RUSSELL, B.Ed., Southern Illinois State Normal University, 1934

In Economics

SHELBY MARLOW MARTIN, B.S., A.B., 1933, 1937

CHARLES FRANCIS POSTON, B.Ed., Eastern Illinois State Teachers College, 1938

BEN RASKIN, A.B., Allegheny College, 1938

CALLIE WALDEN, B.Ed., Southern Illinois State Normal University, 1935

In Education

RUTH MARIE ANDERSON, B.Ed., Western Illinois State Teachers College, 1937

ASIER ANDREW BAKER, B.Ed., Illinois State Normal University, 1935

HARRY ELLIOTT BLENTLINGER, B.Ed., Western Illinois State Teachers College, 1934

ELLIS LLOYD BRANT, A.B., Illinois College, 1928

MARVIN LOWELL BRETT, B.Ed., Northern Illinois State Teachers College, 1934

ROBERT DUANE BROWN, A.B., Fisk University, 1935

ANDREW HUNTER CHAPMAN, Ph.B., Shurtleff College, 1930

RICHARD THOMAS CRANE, A.B., Eureka College, 1932

SHERWOOD DEES, A.B., Illinois Wesleyan University, 1938

ROBERT HOPKINS DUBOIS, A.B., Illinois Wesleyan University, 1932; B.Ed., Illinois State Normal University, 1933

KENNETH EUGENE GABEL, B.Ed., Eastern Illinois State Teachers College, 1938

RALPH RUSSEL GINDER, A.B., Illinois College, 1935

RICHARD RULAND GWIN, A.B., Illinois Wesleyan University, 1938

ROBERT LANG HARLOW, Ph.B., Shurtleff College, 1932

JEANNETTE ELIZABETH HEWITT, A.B., Knox College, 1931

THOMAS JOHN KIVILUOMA, B.Ed., Northern Illinois State Teachers College, 1935
 HALLIE EUNICE LAMB, A.B., 1917
 EMMA GOW MACDONALD, A.B., Bradley Polytechnic Institute, 1933
 VIRGINIA IRENE MILLER, A.B., 1936
 WILLIAM CHARLES ODELL, B.Ed., Illinois State Normal University, 1938
 LARRY CHRISTOPHE PAUTLER, A.B., Illinois College, 1933
 WINONA WHITTINGTON PFANDER, B.S., Bradley Polytechnic Institute, 1936
 LeROY PICKETT, A.B., McKendree College, 1931
 WILLIAM LAVERN PRILLMAYER, B.Ed., Western Illinois State Teachers College, 1938
 RUPERT LORAN STROUD, B.Ed., Eastern Illinois State Teachers College, 1938
 WILLIAM SCOTT SUTTON, A.B., Shurtleff College, 1914
 F. ERNEST TUTHILL, B.Ed., Southern Illinois State Normal University, 1936
 WALTER PETERSON WHITLOCK, A.B., McKendree College, 1928
 WILLIAM GEORGE WITTMANN, B.S., 1937
 ROLLA JAMES WYLDER, A.B., Illinois College, 1926
 JOYCE OTILLA ZIMMERMANN, A.B., 1932

In English

EDWARD ALAN BLOOM, B.S., 1936
 DOROTHY ANN CREWS, A.B., Kansas State Teachers College of Pittsburgh, 1936
 JEWELL DIXON, B.Ed., Illinois State Normal University, 1929
 WILLARD JULIUS FRIEDERICH, A.B., McKendree College, 1938
 CONSTANCE PIERSON, B.Ed., Illinois State Normal University, 1931

In Geology

MAXIM MAXIMAVICH ELIAS, A.B., University of Kansas, 1937

In German

JOHN WILLIAM FREY, A.B., Dickinson College, 1937
 CASSIE ANDREA REDDEN, A.B., Louisville Municipal College, 1938
 DOROTHY LUCILE VAN CLEAVE, A.B., Knox College, 1938

In History

CARA LEE ANDERSON, A.B., Drury College, 1937
 MAYME JOSEPHINE BUNCH, B.S., Southeast Missouri State Teachers College, 1939
 ABRAHAM FREDERICK CITRON, A.B., 1935
 HERMAN DOMINIC GRAHAM, B.Ed., Illinois State Normal University, 1938
 ELIZABETH ANN GROFF, B.S., 1938
 RICHARD WILLIAM GROSSMANN, JR., A.B., Westminster College, 1937
 WALTER ROBERT HOLMES, A.B., Wheaton College, 1938
 BENJAMIN RIGBERG, B.S., Temple University, 1938
 SISTER MARY PAULA BOURKE, R.S.M., Ph.B., St. Xavier College, 1930
 CHARLES EDWARD TRIPP, B.Ed., Southern Illinois State Normal University, 1936
 ARTHUR HENRY VOLLE, A.B., Wheaton College, 1938
 RUTH OLIVETTE WALKER, B.Ed., Illinois State Normal University, 1933
 WILLIAM EDWARD WELLS, A.B., Greenville College, 1938

In Library Science

GLENDOLA MAURINE COLLINS, A.B., Butler University, 1934; B.S.(Lib.), 1935
 LUCY VERA KEPLER, A.B., Nebraska Wesleyan University, 1930; B.S.(Lib.), 1932
 EDNA RACHEL RALSTON, A.B., College of the Ozarks, 1928; B.S.(Lib.), 1931
 FLORENCE GERTRUDE WOODS, B.S., University of Missouri, 1926; B.S.(Lib.), 1929

In Mathematics

LOUISA ELIZABETH MARGARET BACZUK, A.B., 1938
 DAVID HAROLD BLACKWELL, A.B., 1938
 BYRON EDGAR BLAKEMAN, B.Ed., Illinois State Normal University, 1938
 ROBERT WILDER GIBSON, A.B., Fort Hays Kansas State College, 1938

CHARLES WILLARD MATHEWS, B.Ed., Southern Illinois State Normal University,

1937

SISTER MARY MAURINE GEAREN, B.V.M., A.B., Mundelein College, 1936

CHESTER WILLIAM TOPP, A.B., Huron College, 1938

LORAN FREDERICK TOWNSEND, B.S., Illinois Wesleyan University, 1938

RAYMOND CHESTER WEIKEL, A.B., Wabash College, 1932

In Philosophy

MORRIS NORMAN KERTZER, A.B., University of Toronto, 1930

In Physics

VERNON MORRIS KORTY, A.B., Illinois College, 1937

In Physiology

EDWARD LONGFELLOW BURGE, A.B., 1938

In Political Science

MYRON ROY BLEE, B.Ed., Northern Illinois State Teachers College, 1938

In Romance Languages

JOHN ROSS CERVANTES, B.S., 1938

BOUDINOT CONNER, JR., A.B., Oberlin College, 1937

GEORGINA LOCKIE HICKS, B.Ed., Southern Illinois State Normal University, 1938

ELIZABETH ANNE DOBY LEITNER, A.B., Coker College, 1938

EDITH HALDEN LONG, A.B., 1938

JAMES FRED MARSHALL, A.B., Indiana University, 1937

HENRIETTA CORENNE PENCE, A.B., 1937

NAIDA JANE MYERS SERIGHT, A.B., 1938

In Sociology

JENNA RUTH BIRKS, A.B., James Millikin University, 1922

CHARLES RUDOLPH WEBB, B.Ed., Illinois State Normal University, 1932

In Zoology

HARRY BATLEY, A.B., Western State College (Colorado), 1932

WILLARD EUGENE HUBBARD, A.B., 1937

MARIAN FRANCES JAMES, A.B., Illinois College, 1937

RALPH DELAVAN LOWELL, A.B., Greenville College, 1938

Degree of Master of Science

In Accountancy

RANALD GREGORY RUCKER, B.S., 1935

FLOYD LEAMAN TURNER, B.S., Western Kentucky State Teachers College, 1930

GEORGE BENJAMIN VASEN, B.S., 1937

In Agricultural Economics

ELVIN ALBERT DUERST, B.S., Oregon State College, 1937

ELMER NEWTON SEARLS, B.S., 1934

LAWRENCE HARRY SIMERL, B.S., 1932

GERALD PERCY WIBBERLEY, B.S., University of Wales, 1936

In Agronomy

GEORGE WILLIAM DOAK, B.S., 1923

W. C. TEMPLETON, JR., B.S., Mississippi State College, 1938

In Animal Husbandry

FERDINAND BASTING, B.Ed., Illinois State Normal University, 1935
OLIVER FREDERICK GAEBE, B.S., 1930
DALE WENDELL HULL, B.S., 1938
LYLE DONALD KERLEY, B.S., 1938
RALPH WYMAN KIDDER, B.S., Michigan State College, 1923
ROBERT HENRY LYNCH, B.S., Bradley Polytechnic Institute, 1937
JOHN RAYMOND RHINEHART, B.S., 1938

In Architecture and Architectural Engineering

RUDARD ARTABAN JONES, B.S., 1936
EDWARD YEE WING, B.S., University of Alberta, 1936

In Bacteriology

HARRISON ADOLPH HOFFMANN, B.S., McKendree College, 1934
RUSSELL ARTHUR KABERG, A.B., 1938
RICHARD LUBBEN, B.S., 1938
CHARLES JOSEPH RICKHER, B.S., 1938
DON MELVIN SNYDER, B.Ed., Illinois State Normal University, 1937
FRED WILBUR TANNER, Jr., B.S., 1938

In Botany

MURVIL BARNES, B.Ed., Eastern Illinois State Teachers College, 1934
MARION IOLA NIELSEN, B.S., Northwestern University, 1938
STANLEY WILLIAM OEXEMANN, A.B., McKendree College, 1937
VERNOY ARTHUR REIHMER, B.S., Wheaton College, 1938
WILLIAM ERNEST WILSON, B.S., Wheaton College, 1936
CHARLOTTE MARIE YOUNG, B.S., Butler University, 1937

In Business Organization and Operation

RICHARD CHESTER RYNIKER, B.S., 1938

In Ceramics

BERNARD DAVID BARD, B.S., University of Chicago, 1938
HARRY JOHN BECKEMEYER, B.S., 1938

In Ceramic Engineering

FELIX MARK FRAULINI, B.S., Missouri School of Mines, 1933
ROBERT LEE SHUTE, B.S., 1910
JAMES FRED WHITE, B.S., 1938

In Chemistry

MARVIN DOUGLAS ARMSTRONG, B.S., University of South Carolina, 1938
PRISCILLA BONNER, A.B., University of Utah, 1934
WILLIAM JAMES BROWNE, B.S., University of Notre Dame, 1937
JOSEPH MARION CISKOWSKI, B.S., 1938
HARRY COHEN, A.B., 1938
JAMES HENRY DAVITT, B.S., 1938
FREDA SERAPHINE DECKER, A.B., Brigham Young University, 1938
HARRY LAURENCE FAIGEN, B.S., State University of Iowa, 1933
JOHN THOMAS FITZPATRICK, B.S., Harvard University, 1938
WILLIAM DEAN FRASER, B.S., Harvard University, 1938
ROBERT CURTISS GUNTHER, A.B., Knox College, 1938
RICHARD GEORGE HANDRICK, B.Chem., Cornell University, 1937
CHESTER SHEPARD MORA HIMEL, B.S., University of Chicago, 1938
ELMER RONALD JOHNSON, B.S., Beloit College, 1938
JOSEPH HENRY KLABER, B.S., Massachusetts Institute of Technology, 1938
REINHOLD JOHN KRANTZ, A.B., Greenville College, 1936
WILLIAM MONDENG LANGDON, B.S., 1935

JOHN CHAMBLIN LAWLER, JR., B.S., Spring Hill College, 1938
 COLEMAN ROGER LEE, B.S., University of Kentucky, 1937
 FREDERICK MINTON LEWIS, B.S., University of Arkansas, 1937
 KENNETH RAYMOND MAJORS, B.S., University of Nebraska, 1932
 HERBERT JOHN MAX, B.S., University of Chicago, 1933
 A. VERN MCINTOSH, JR., B.S., Kent State University, 1938
 NORMAN RABJOHN, B.S., University of Rochester, 1937
 WILLIAM MCKINLEY SHAFER, B.S., 1934
 DOROTHY BERNICE SIGMAN, A.B., Mundelein College, 1937
 CLYDE MARSHALL SMITH, B.Ed., Southern Illinois State Normal University, 1935
 JEROME BRICE SWARTZ, B.S., 1934
 LYNN BURRITT WAKEFIELD, A.B., Reed College, 1936
 LEON EUGENE WENER, B.S., 1936
 RAYMOND CLEMENS WULLIMAN, A.B., Bluffton College, 1921; A.B., 1923

In Civil Engineering

JAMES GORDON CLARK, B.S., 1935
 MYRON LEE GOSSARD, B.S., 1937
 FAWZI KAHALÉ, B.S., Robert College, 1937
 GWOH-LIANG LEE, B.C.E., Hangchow Christian College, 1937
 KIN SETO, B.S., Kuo-Min University, 1937
 CHESTER PAUL SIESS, B.S., Louisiana State University, 1936
 MENG HSING TSO, B.S., Chiao Tung University, 1932
 OUI THIENG VOODHIGULA, B.S., Chulalongkorn University, 1935; B.S., Massachusetts Institute of Technology, 1938

In Dairy Husbandry

KENNETH E. WHIPPLE HARSHBARGER, B.S., 1937
 BURTON FRANKLIN WHITMORE, B.S., 1928

In Education

CHARLES RALPH ARMOUR, B.S., Iowa State College, 1915
 LEWIS HOWARD BROWN, B.Ed., Illinois State Normal University, 1928
 WILLARD E. CLEAVES, B.Ed., Western Illinois State Teachers College, 1937
 LEO LINSEY COX, B.S., Northwest Missouri State Teachers College, 1929
 WALTER HAROLD DENISON, B.S., 1936
 ORVILLE ELMER ECKBERG, B.S., Wheaton College, 1935
 HORACE JACOB EGGMANN, JR., B.S., 1927
 CHARLES LORAH HAGGARD, B.S., 1930
 ARTHUR PAUL HAMERSMITH, B.S., 1935
 AARON ORVILLE HOFFMAN, B.S., Illinois Wesleyan University, 1929
 ERNEST JOHNSTON, B.Ed., Illinois State Normal University, 1938
 EDWARD CLINTON KALB, B.S., 1938
 HARRIET MAXINE KIMBALL, B.S., 1938
 CHARLES CAMERON KITCHELL, B.S., Illinois Wesleyan University, 1923
 ERNEST RAYMOND KOSS, B.S., 1938
 KARL LOUIS KUECHLER, A.B., 1938
 JOHN VERLAN MATTHEWS, B.S., Shurtleff College, 1933
 JOHN BARGER MCGILL, B.S., 1938
 CARL FRED MEES, B.S., 1936
 RALPH DONALD MOORE, B.S., 1932
 GILBERT IRA RENNER, B.S., Eureka College, 1928
 FREDERIC ROSS SCHEIDECKER, B.S., 1938
 RALPH ANDREW SHICK, B.Ed., Illinois State Normal University, 1933
 PAUL ALBERT SIMS, B.S., 1938
 ADA BEATRICE SMITH, B.S., 1936
 JAMES EARL SMITH, B.S., 1931
 ZITA HELEN SPRADLING, B.S., 1934
 ALBERT CORNELIUS SPURLOCK, B.S., 1938
 RICHARD PAUL STONE, B.S., 1938
 RALPH MARTIN WETZEL, B.Ed., Western Illinois State Teachers College, 1938

In Electrical Engineering

GILBERT BARTHOLOMEW BLISS, B.S., 1933
SARMUKH SINGH BRAR, B.S., University of Idaho, 1935
EDWARD JOSEPH FISHER, B.S., Purdue University, 1938
PAUL GORDON GRAY, B.S., 1936
EDWIN ALBERT LINK, B.S., 1937
CARL MAGNE MILNER, B.S., 1937
STANLEY HOLT PIERCE, B.S., 1932
HARRY CHARLES FLEMING SIMRALL, B.S.(E.E.), B.S.(M.E.), Mississippi State College, 1934, 1935

In Entomology

KENNETH LEE KNIGHT, B.Ed., Illinois State Normal University, 1937
ROBERT CARLISLE RENDTORFF, A.B., 1937
MURL BEAUFORD SAILSBURY, B.Ed., Illinois State Normal University, 1935

In Geology

HARVEY DANIEL BORGER, A.B., 1937
ROBERT SINCLAIR DIETZ, B.S., 1937
KENNETH ORRIS EMERY, B.S., 1937
DONALD WILBERT FRANKLIN, A.B., 1937
RAYMOND CHARLES GUTSCHICK, B.S., 1938
VIRGIL DEAN WINKLER, A.B., B.S., 1938

In Home Economics

HERTA SUZANNE BREITER, B.S., 1938
HELEN LOUISE HELLER, B.S., Oklahoma Agricultural and Mechanical College, 1938
BEULA VERA McKEY, B.S., 1938
ELEANOR LUCILLE VELDE, B.S., 1938

In Library Science

JANET GERTRUDE BULLEN, B.S., University of Minnesota, 1931; B.S.(Lib.), 1936
MARY SUE HUDSON, A.B., Texas State College for Women, 1936; B.S.(Lib.), 1937
JUANITA GERALDINE KAUFMAN, A.B., B.S.(Lib.), 1929, 1936
FELIX EUGENE SNIDER, B.S., Southeast Missouri State Teachers College, 1930; B.S.(Lib.), 1938
ARTHUR ELMER WHITENACK, B.S., A.M., Ohio State University, 1926, 1929; B.S.(Lib.), 1937

In Mathematics

ABRAHAM CHARNES, A.B., 1938

In Mechanical Engineering

RICHARD BENNETT KNIGHT, B.S., University of Maryland, 1935
WALTER KUPCHICK, B.S., Purdue University, 1938
ISRAEL ADRIAN NAMAN, B.S., Rice Institute, 1938

In Mining and Metallurgical Engineering

LUIS MARCIAL SANTOS-YÑIGO, B.S., Mapua Institute of Technology, 1938

In Physics

FRANCE BARNET BERGER, A.B., Miami University, 1938
PHILIP ROGER GILLETTE, A.B., Cornell College, 1937; B.S., 1938
REX LINCOLN LAKE, A.B., Knox College, 1936
ROBERT DOUGLAS RAWCLIFFE, A.B., North Central College, 1937

In Psychology

JOHN RICHARD WITTENBORN, B.Ed., Southern Illinois State Normal University, 1937

In Railway Engineering

BASIL WRIGLEY WILSON, B.S., University of Cape Town, 1931

In Theoretical and Applied Mechanics

HUGH HENRY BENNINGER, B.S., 1938

VAN CRESAP NORMAN, B.S., 1930

WALTER ADOLF RENNER, B.S., 1937

In Zoology

MARTHA REVEL BARNES, A.B., 1938

JUNE ROSE GELLER, B.S., 1938

NOEL BENARD HEYREND, B.S., Utah State Agricultural College, 1938

CLARENCE CLAYTON HOFF, A.B., Bradley Polytechnic Institute, 1930

CYRIL EDMUND LUCKMAN, B.S., Wheaton College, 1937

WILLIAM EDWIN MORRIS, B.S., 1938

ALICE LOUISE SCHUPP, B.S., 1933

GUSTAVUS BERRY STUART, B.S., 1935

GEORGE SVIHLA, B.S., 1937

BERTRAND ALBERT WRIGHT, B.S., 1938

Degree of Master of Business Administration

BURT FINNEY GOLDMAN, JR., B.S., 1938

COLLEGE OF LAW

Degree of Bachelor of Laws

EDWIN MELVILLE ADAMS, A.B., 1936

JAMES CONDEE ALLEN, A.B., 1937

BENJAMIN ROBERT ARNOLD, A.B., Illinois Wesleyan University, 1936

RAYMOND PAUL BILGER, A.B., 1937

ANNA ROSINA BULLINGTON, A.B., 1937, with Honors

WILSON DELBERT BURNELL

WILLIAM CHARLES BURT, B.S., 1937

ROBERT PIERCE CAIN

SAMUEL ALEXANDER CASEY, A.B., Bradley Polytechnic Institute, 1936

WILLIAM EDWARD PADROIC COLLINS

JOSEPH EDGAR COOPER, A.B., 1937

BASIL HATTON COUTRAKON, A.B., Dartmouth College, 1936

SIDNEY DAVIDSON, A.B., Bradley Polytechnic Institute, 1937

CHARLES WILLIAM DAVIS, B.S., 1938

ARNO HARRY DENECKE, A.B., 1937

NORMA MCCREERY EATON, A.B., 1933

TRAVER WILLARD ELLIS, A.B., 1937

WILLIAM GERTUS ELLSBERRY, A.B., 1937

CARL LIPTNER GOLDSTEIN, B.S., 1937

ELMER FRANCIS GURY, B.S., Bradley Polytechnic Institute, 1936

ALEXANDER LUTHER HAGLUND, B.S., 1938

SAMUEL GLENN HARROD, JR., A.B., Eureka College, 1936

MERLIN GERALD HISCOTT, A.B., 1937

JOHN GROVER HOLLAND, A.B., 1937

ROBERT SAMUEL HOLTY, A.B., 1937

JOHN ALBERT HOLTZMAN, A.B., 1937

GILBERT ALFRED HORN, A.B., 1937

JACK EVERETT HORSLEY, A.B., 1937

RICHARD STEWART HUDSON, A.B., 1937

WILLARD FARREL ICE, A.B., Illinois College, 1937, with Honors

PRESTON KING JOHNSON, JR., B.S., 1937
 ELLIOTT KALCHEIM, A.B., 1937
 CHESTER EDWIN KELLER, B.S., 1937
 EVERETT EUGENE LAUGHLIN, A.B., Cornell College, 1937
 JOHN CARSON LUMBATTIS, A.B., 1936
 ROBERT BUFFUM MAUCKER, A.B., Augustana College, 1936
 LLOYD MILTON MCCLURE, A.B., 1938
 THOMAS AGATINO MICALI, A.B., 1936
 WILLIAM SAMUEL MIDDLETON, B.S., A.B., 1936, 1939
 CHARLES HAWES NORTHRUP, A.B., Illinois Wesleyan University, 1936
 WILLIAM CHARLES OAKLEY, A.B., 1937
 OLE BLY PACE, JR., B.S., Illinois Wesleyan University, 1936
 DAVID HALLIWELL PATTON, A.B., 1937
 BEN FROEBE RAILSBACK, A.B., 1936
 RICHARD KENNEDY RAINEY, A.B., 1937
 MILTON RUBIN, B.S., 1937
 KENNETH JAMES SCHUESSLER, A.B., 1936
 RODNEY ARMSTRONG SCOTT, B.S., 1937
 HOWARD JOHN SIEVER, A.B., 1937
 THOMAS DURWARD SIMMONS, A.B., 1937, with Honors
 JOHN WILLIAM SKULTETY, A.B., 1936
 LAURENCE LEWIS SMITH, B.S., University of Nebraska, 1927
 CARROLL ENGLISH SNYDER, B.S., 1937
 LOUISE HENRIETTA STEARNS, A.B., 1937
 JOHN LEROY STEWART, B.S., 1937
 IRVING SURIE, A.B., 1937
 WILLIAM JOHN SWEENEY, A.B., 1936
 PARKER WILLIAM THOMAS, A.B., 1937
 GEORGE TRACOFF, A.B., 1937, with Honors
 CHARLES ROBERT TWOMLEY, A.B., 1937
 ROBERT CHARLES UNDERWOOD, A.B., Illinois Wesleyan University, 1937
 HENRY GEORGE WALKER, A.B., 1937

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

FRANCES ALETHEA ALDERSON, A.B., University of Kentucky, 1933
 MARGARET LISETTE AMMANN, A.B., Morningside College, 1936
 HAZELLE MATHILDA ANDERSON, A.B., Augustana College, 1933
 MARGARET ELIZABETH AUGUR, B.S., 1930
 ELFREDA PEARL BABCOCK, A.B., University of Oklahoma, 1938
 LYLE EDWARD BAMBER, B.S., Knox College, 1925; M.S., 1927
 MARTHA BANKER, B.S., 1938
 CORA QUEEN BARBER, A.A., St. Teresa Junior College, 1934; B.S., University of Kansas, 1936
 BARBARA BARTLEY, A.B., Lawrence College, 1938
 BONNIE LINDA BENNETT, A.A., Stephens College, 1936; A.B., 1938
 JOSEPH NIX BENSON, A.B., Birmingham-Southern College, 1937
 FRANK JOSEPH BERTALAN, JR., B.Ed., Illinois State Normal University, 1938
 LOUISE BOERJESSON, A.B., Washington University, 1927; A.M., University of Wisconsin, 1931
 ELEANOR CARRUTH, A.B., Asbury College, 1936
 SARAH COLE, A.B., Hendrix College, 1933
 GERTRUDE MARIE CORDTS, A.B., State University of Iowa, 1938
 MAE COWDEN, B.S., Southwest Missouri State Teachers College, 1932
 ALICE L. CRAIG, A.B., Fargo College, 1919; A.B., University of North Dakota, 1932

WILLARD KELSO DENNIS, A.B., Southwest Missouri State Teachers College, 1937
 DORA MOON DIXON, A.B., Wellesley College, 1933, with Honors
 MAURINE WANDA DOORES, A.B., Drury College, 1931; A.M., University of Colorado, 1937, with Honors

FRANCES ELEANOR ELLIOTT, A.B., Ball State Teachers College, 1935, with Honors
 RUTH MARY FEHL, A.B., University of Cincinnati, 1937

PHYLLIS MARIANNE FULTON, A.B., University of Rochester, 1931

DOROTHY CAROLYN GEROCK, A.B., Washington University, 1938

SEVERINE LUCILLE GURZYNSKI, A.B., Central Y.M.C.A. College (Chicago), 1937

ROMA AUTUMN GUSTAVUS, B.S., Memphis (Tennessee) State Teachers College, 1934

BETTY LOUISE HALE, B.S., Northwestern University, 1938

ALICE LOUISE HAMBLETON, A.B., University of Cincinnati, 1938

ELDON CHARLES HART, A.B., Brigham Young University, 1938

MIRIAM CONTENT HAVIGHURST, A.B., MacMurray College, 1935, with High Honors

DON ANDRÉ HENNESSEE, A.B., University of Redlands, 1938

DOROTHY ELLEN HIATT, A.B., Butler University, 1922

MARY FRANCES HIGGINS, Ph.B., Webster College, 1937

ELIZABETH JANE HIGHFIELD, A.B., Rockford College, 1937

MAXENE RAE HUBBARD, A.B., Carleton College, 1938

JEANETTE HUSTON, A.B., Tarkio College, 1937

ETHEL EMMA JOHNSON, A.B., Indiana University, 1937

ONEITA MAE JOHNSON, A.B., University of Kansas, 1931

ELIZABETH RUMMANS JORDAN, A.B., Ohio Wesleyan University, 1938

YALE KENNETH KESSLER, A.B., Ohio Wesleyan University, 1925; A.M., Syracuse University, 1926, with Honors

MIRIAM ZALES KRAMER, A.B., New York University, 1934, with Honors

JOE WALKER KRAUS, A.B., Culver-Stockton College, 1938

GENEVIEVE JUNE LABB, A.B., Indiana University, 1938

MARGARET LAWRENCE, A.B., A.M., University of Nebraska, 1926, 1930, with Honors

ELEANOR MAUDE LEE, A.B., State University of Iowa, 1937

INA EMELIA LELAND, A.B., State Teachers College (Mayville, North Dakota), 1934

ROGER WALDO LIDDELL, B.S., University of California (Berkeley), 1938

P. ALBERT MARSHALL, A.B., Lincoln University, 1938

LOIS CARTER MARTINI, A.B., DePauw University, 1931

ROBERTA ELIZABETH MCBRIDE, A.B., Baker University, 1935, with Honors

MELBA ELIZABETH MCKIBBEN, B.S., University of Missouri, 1935

IRENE BEULAH MISCHLER, B.Ed., Illinois State Normal University, 1938

JACK CASSIUS MORRIS, B.S., University of Nebraska, 1934

FORREST CONKLIN NELSON, A.B., Bradley Polytechnic Institute, 1938

ELSE NEWCOMER, A.B., Ohio University (Athens), 1938

DOROTHY ALICE OLMSTEAD, A.B., University of Nebraska, 1926

ROBERTA ELEANOR OMER, A.B., Carthage College, 1931; M.S., Ph.D., University of Nebraska, 1933, 1936

BETTY JANE PEARCE, B.S., H. Sophie Newcomb Memorial College, 1938

MILDRED ELIZABETH PHALOR, A.B., Miami University, 1924

KATHRYN MCKEE PLOPPER, A.B., Eureka College, 1936

DENA JULIA POLACHECK, A.B., University of Chicago, 1937, with High Honors

LEROY LILLARD QUALLS, A.B., Illinois Wesleyan University, 1932; A.M., 1936

GORDON EMERSON RANDALL, A.B., University of Chicago, 1938

ALBERT LOUIS REMLEY, A.B., Hiram College, 1938

RACHEL ELIZABETH ROAD, A.B., Manchester College, 1937

ELIZABETH JANE ROPER, B.S., Bradley Polytechnic Institute, 1937

MARJORIE FRANCES RUMBLE, A.B., University of Kansas, 1934

JOSEPHINE SALZMAN, A.B., Iowa Wesleyan College, 1925

WILLIAM ANDREW SANBURN, A.B., University of Western Ontario (London, Canada), 1935

MARION SLADKY, A.B., Milwaukee-Downer College, 1938
 MILDRED LOUISE SLOANE, A.B., Manchester College, 1938
 LEONORA BLANCHE SMITH, A.B., MacMurray College, 1938
 JEAN ELIZABETH SMOCK, A.B., Lake Forest College, 1927; A.M., Presbyterian College of Christian Education (Chicago), 1929
 LOUISE MATILDA STUBBLEFIELD, B.Ed., Illinois State Normal University, 1938, with High Honors
 RUTH GENEVIEVE TANIS, A.B., Wheaton College, 1936
 HAROLD TEITELBAUM, B.S., M.S., 1936, 1937
 FRANCES ELIZABETH TUDOR, A.B., Duke University, 1934
 EDNA ELIZABETH VAN SYOC, A.B., Simpson College, 1934, with Honors
 VIOLA VICTORIA WALLACE, A.B., University of Cincinnati, 1937
 MARY ELIZABETH WATTLES, A.B., Hanover College, 1938
 ESTHER BURKHOLDER WEBER, B.S., Goshen College, 1938, with Honors
 DOROTHY VIOLA WELLS, A.B., University of Wyoming, 1938
 BON-JEAN-NETTE WHITE, A.B., Baylor College, 1928, with Honors
 KATHERINE WHITE WHITTLE, A.B., University of Tennessee, 1936
 CLARA WELKER WILLIAMS, A.B., Florida State College for Women, 1933
 MILDRED WILLIAMS, A.B., University of Tennessee, 1937
 JESSIE LEE WOLFE, A.B., Baylor University, 1938
 VIRGINIA CLAIRE YARBRO, A.B., University of Kentucky, 1936
 ALBIN HAROLD YOUNGQUIST, A.B., University of South Dakota, 1936

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

RUTH HELEN ADKINS, with Highest Honors in German	RICHARD EDWARD BERGER
MARY JAYNE ALEXANDER	MYRON ROSS BERGSCHNEIDER
VALERIE HILDRED ALLEN	ROBERT SIGMUND BERLINER
MYRA GERTRUDE ALLISON	RUTH ELISABETH BIGLER
AMSO ISKANDER AMSO	FRANCES BARBARA BIMBA
ELINOR ALICE ANDERSON	ELEANOR JOYCE BJELLAND, with Honors in Economics
CLARENCE SIMEON ANGELL	WALTER KERRIGAN BLACK
BARBARA KENT ARMSTRONG	GEORGE KILBEY BLANCHARD
VICTOR ARNASON	NANCY JANE BLEWETT
DOROTHY LOIS ARVEY	DORYS ANN BLOOM, with Honors in Sociology
JOYCE MARCELLA AUSEC, with Honors in French	LOIS VIRGINIA BOOMER
LUCILLE EMILY AYER, with Honors in Sociology	BOYNTON HOOKER BOOTH, with Highest Honors in Bacteriology
RICHARD RAYMOND BAIRSTOW	RUTH ELIZABETH BOYD, with Highest Honors in Mathematics
PAUL CHAMBERLAIN BAKER	PHILIP CURTIS BRADLEY
VERA ALMA BAKER	JAMES THOMAS BRENNAN
HARRIETTE ELLEN BALDRIDGE	ELEANOR MARJORIE BREUER
ROBERTA MARY BALDWIN	GUY FRANK BRUNACCI
EILEEN MABEL BALL	HAROLD ALEXANDER BUCHANAN
MARY JEAN BALLANCE	RUTH ELIZABETH BUCHHOLZ, with Highest Honors in Botany
HORTENSE BARTHOLOW, with High Honors in History	MARY EMILY BURKE
JANE LEE BASS	JEANNETTE MURIEL BURNS
BARBARA BERNICE BATCHELOR	RICHARD ADOLPH CAGANN
CHAUNCEY MILBURN BEAGLE	WILLIAM FRANCIS FINBARR CAHILL
JOSEPH HOWARD BEARD, JR.	ROBERT PIERCE CAIN, with High Honors in Political Science
HAZEL MAY BEASLEY	HAROLD ANDREW CAMPBELL
HARRIET DANE BEATTIE	VIRGIL LEE CAMPBELL
RUTH CAROLYN BECKENSTEIN	
LEON BECKER	

- VIRGINIA CAMPBELL, with Honors in Sociology
 HERBERT WILLIAM CARL
 WILLIS WOODROW CARMEN
 ORLON VERE CARR, JR.
 CHARLES WILBUR CASEY
 FRANK JAMES CASEY, JR.
 ROBERT EVERHART CASTELO
 PERRY A. CESSNA
 JANE CHAMBERS
 VIRGINIA ROSE CHANDLER
 WILLIAM ANDREW CICCONE
 GEORGE EDWARD CISCO
 RICHARD LOUIS CLARK
 HAROLD R. COHEN
 CLARE BURDETTE CONDE
 PEARL ANTOINETTE CONNELL, with Highest Tutorial Honors in History
 FRANCIS DALE CONNER, with Honors in History
 DOROTHY CAWTHON CORD
 MARY ANN CREIGHTON, with High Honors in Political Science
 VINCENT CROCKER
 JOHN GUNSTER CROESSMANN
 JOHN VINCENT CROOKS
 WILLIAM EDWARD CROSBY, with Honors in Psychology
 DOROTHY LUCILLE CULLINAN
 JEAN MARIA CULVER
 JEAN MARGUERITE CUSACK
 ROBERT LOCKE CUTTER
 DAVID VERNER DAHL
 EDNA MAYME DANIELSON
 HELEN ELIZABETH DASENBROOK
 MARY LOIS DAUM
 JAMES WILTSE DAVIS, with Highest Tutorial Honors in Chemistry
 KATHRYN GERTRUDE DAVIS
 ISAAC MILTON DAWSON
 GEORGE CASS DE LONG, with High Honors in Geography
 MARGUERITE CHRYSTOBEL DEMPSEY
 EMILY JANE DEWHIRST
 KARLENE MARGARET DIEDERICH
 MARJORIE ANN DIEHL
 DONALD EARL DIONNE
 CHARLES JAMES VINCENT DISPENZA
 ANALOU DOAN
 JANIS ALBENA DOE
 LEODA MARIE DOE
 ANNE WOLFSON DONOVICK, with Highest Honors in Psychology
 JEANNE DOUGLASS
 MADELYN FLORENCE DOWNING
 MORRIS DROGIN
 WILMA JUNE DRYDEN, with Highest Tutorial Honors in English
 WILLIAM FRANK DUDLESTON
 RUTH CLARABEL DUNKLAU
 RALPH GORDON DUNLOP
 JOHN JOSEPH DUNWORTH
 FRANCES ELLEN DURGEE
 WILSON DWYER, with Honors in Political Science
 EDWARD LOUIS EAGLE, JR., with Highest Honors in History
 VINCENT ELLIOTT EITZEN, with Honors in Physics
 HARRIETTE ELSOM
 JAMES PATRICK ENGLISH, JR.
 HELEN ELIZABETH ENGSTROM
 FORD POWELL ESHLEMAN, JR.
 RAYMOND HENRY EVERS, with Honors in Chemistry
 VERA FRANCES FANNING
 MARY JENE FELLOWS
 FREDRIC WILLIAM FERMIER
 ROBERT EDMUND FERRIS
 WILLODEAN LIN FINLEY
 ELEANOR JANE FIRKE, with Honors in English
 LE ROY HENRY FISCHER
 MARTHA HOWE FIX
 HELENE CAROLYN FRANK
 EMILY POWERS FRANKS
 KATHRYN DANFORD FRANKS
 SANFORD ASHER FRANZBLAU, with Highest Honors in Chemistry
 ROBERT MILLER FRASH, with High Honors in English
 MARK ODDY FREEDMAN
 HELEN ELIZABETH FREUDENBERG
 ELLEN LYNN FRIEDLI
 HARRIET MIRIAM FRIEDMAN
 RICHARD NELSON FRYE, with Highest Tutorial Honors in History and Highest Honors in Philosophy
 HALLE GALHULY, with Highest Honors in Political Science
 FREDERICK GANJA
 MARIAN JEAN GARDNER
 LAWRENCE GARRISON
 FREDERICK CHARLES GEDGE, JR.
 ISABELLE HERBERTA GEITHMAN
 GERALDINE MATILDA GEORGE
 JANE ELIZABETH GIBBS
 MARJORIE JEAN GIEHLER, with High Honors in History
 MARY ELIZABETH GOLDSBERY
 JOHN FRANCIS GOODMAN
 BETTY GRADY
 JAMES BAIRD GRAGG
 MARGARET CLAIRE GRAHAM
 STEVENS GRAVES
 BETTY JEAN GRAY
 DONALD HARMON GRAY, JR.
 MILLARD GLEN GRAY
 PHILIP ANTHONY GRECO, with High Honors in Bacteriology
 KENNETH LAWRENCE GREEN

- EDWARD DONALD GROSHONG
 JOHN LOUIS GUYON
 HELEN HESTER HAGEN
 JANE HAGER
 MARJORIE ELIZABETH HALL, with
 Honors in English
 SAMUEL WEBSTER HALL
 ROBERT HALPER
 ELEANOR MARGUERITE HAMILTON
 JOHN ROBERT HAMILTON
 HELEN WELLS HAMLIN, with High
 Honors in French
 RUTH HAMPTON
 VINCENT EUGENE HANES
 ROBERT LESLIE HANSON
 LLOYD ADDIS HARRIS, with High
 Honors in Geology
 MARY MILLICENT HARWOOD
 ROSELLA MAE HAWKINS
 HELEN DORIS HAYS
 MYER HAROLD HECHT, with Highest
 Honors in Chemistry
 CHARLES VOISIN HECK
 PAUL LESTER HEDRICK
 GEORGE Z. HELBER
 ERNEST ELMER HELLMICH
 ROY JOSEPH HENDRICKS, with Highest
 Tutorial Honors in Philosophy
 PAUL BROWN HENNIGES
 EVELYN MARIE HERTZ, with High
 Honors in English
 JACK WILLIAM HEY
 RAMONA HOPE HICKS
 PAUL ROLAND RAYMOND HOEFENER
 MABEL VIOLA HOFER
 JANE FRANCES HOKAMP
 ARLINE HOLT
 WARREN JOSEPH HOLZ, with Honors in
 Economics
 HILAS SLONE HOPKINS, JR.
 SELMA MAURINE HORN
 WALTER LYLE HORN
 JEAN SWIGART HOSKINS, with Honors
 in Economics
 JOHN WILLIAM HRIC
 ROBERT LOUIS HULBARY, with Honors
 in Botany
 ROWENA HUMPHREYS
 GLADYS MARVLYN HUNT
 EDGAR BERNEY HUTCHISON
 EVELYN MARIE HUTCHISON
 WILLIAM COWING IMHOLZ
 JOSEPH ANTHONY GEORGE IZZO, JR.
 ELLEN SYLVIA JACOBSEN
 MARGARET JAMES, with Honors in
 Sociology
 ADRIAN WILLIAM JANES, with Highest
 Tutorial Honors in English
 BARBARA JENNINGS
 ELEANOR DOROTHY JENSEN
 JEAN LUCILLE JOHNSON
 RICHARD RUDOLF JOHNSON
 VIRGINIA LEE JOHNSON
 EMRYS ARTHUR JONES
 ROBERT CLARK JONES, with Highest
 Honors in Chemistry
 WILLIAM JAY KAPLAN
 PHILIP HIRAM KASS
 CHARLES ARTHUR KAUB
 JOHN D. KEAT
 BARBARA RUTH KENDALL
 GEORGE NORMAN KENNEDY, with High
 Honors in Political Science and
 History
 EILEEN MARGARET KENNEY
 JEAN ELIZABETH KENT
 GLENN ANSEL KIDDER
 KENNETH KERMIT KINSER
 BRUCE WINSTON KIPP
 ADELE JAYNE KLEBAN
 ANITA PAULINE KNAPP
 DOROTHY MARIE KOWERT
 FERN CLARA KREFT, with Highest
 Honors in French
 LUCILLE CATHERINE KREUZBERGER
 FRANK JAMES KRIZ
 HELEN KUHN
 SELMA ANNETTE KUHN
 CHESTER HARLAN KUNTZ
 CARL KURTZMAN
 BEATRICE MABEL LAFFERTY
 JOHN HENRY LANGE
 JOHN EDGAR LARSH, JR.
 PEARL EUPHEMIA LAWSON
 ALVA ILEITA LEO
 DONALD EARL LERDALL
 HELEN SAXON LEVINE
 ALICE JANE LEVITON
 JUDITH LEWIS
 ROBERT MEREDITH LEY
 DALE BREWSTER LINDSAY
 SUZANNE A. LITTLE
 ARLINE RUTH LLOYD, with Honors in
 French
 MARGARET JEAN LOKKE
 JANE GRACE LONG
 KENNETH HOLMES LONG
 JOHN BIGELOW LORD
 BETTE LOU LOUWIEN
 STANLEY JEFFERSON LOVETT, with
 Honors in History
 VIRGINIA ADELAIDE LUSE
 MARGARET ELIZABETH LYONS
 ALBERT EDMUND LYTLE
 ELIZABETH HELEN MACY, with Honors
 in Mathematics
 JOHN MARSHALL MAGNER
 MARGARET ANNE MAINLAND
 MARGARET LOUISE MARAS
 NICK WALTER MARCHUK
 LUCILLE P. MARCUS
 ROBERT LOUIS MARKS

- DOUGLAS GEORGE MARSHALL
 JOHN FRANCIS MARTIN
 ALFRED MASKIN, with High Honors in
 Political Science
 PHEBE CURTIS McADAMS
 ROBERTA ISABEL McALLISTER
 THOMAS HULL McCARTY
 ELIZABETH JULIETTE MCCOY
 WILLIAM EDWARD MCCOY
 JACQUELYN MCCREDIE
 GEORGE EARL McCULLOUGH
 MARGARET HAZEL McGARRY
 CHARLES C. LINTHICUM McNAIR
 JOHN FRANCIS MEISSNER
 MILNER DeMOTT MELODY
 BERTRAM LOUIS MENNE, JR.
 JEAN CLAIRE MERCER
 ALBERT MERZ
 ROBERT LEE METCALF, with High
 Honors in Entomology
 ROBERT LEE MEYERS
 LEON PETER MILLER
 SARA MILLER
 DONALD HENRY MILLETT
 DOUGLAS FREMONT MILLIGAN
 DORRIS ALICE MITCHELL
 RUTH ETHEL MOJONNIER, with Honors
 in Botany
 DOROTHY LORENA MOLDEN
 EDGAR WILLIAM MONKE
 JAMES OLIVER MONROE, JR., with
 Honors in English
 RAYMOND RUDOLPH MOOTH
 CHARLES DONALD MORGAN
 JAMES OLVAN MORGAN, with
 Highest Tutorial Honors in
 English
 WINIFRED ERMINE MORGAN
 MARY HELEN MOSS
 PHYLLIS THERESE MRAZEK
 WILLIAM GEORGE MULLER, JR.
 MARY VERLAINE MUNDAY, with
 Honors in French
 DONALD RICHARD MUNROE
 ALBERT MORRIS MYERS, JR.
 FLORENCE BELVA NADELHOFFER
 DOROTHY GRACE NEARING
 JAMES HENRY NEU
 HOWARD KEITH NORRIS
 ROBERT FOREST OAKS
 ALBERT LOUIS O'BERTO
 HAROLD IRVIN O'BYRNE
 ALICE KATHERINE O'CONNOR
 MYRNA JANE OESTERLING, with
 Highest Honors in Chemistry
 ELIZABETH ANN O'HERN
 SARAH ORNDORFF
 WILLIAM RALPH OTTER
 CHARLES WARREN PACEY
 POLLY PEARMAN
 CHARLES EDWIN PERKINS
 BETTY JANE PERRY
 JEAN CAROL PETERSON
 MANUEL MARK PETRAKIS
 IRENE GATES PHILLIPPE
 ELWOOD BRINTON PHIPPS
 KATHARINE ARTELLE PIERSON
 MARTHA ELVIDGE PILE
 BETTY-JEAN PINCH
 RUTH DOROTHY PITANN
 FRANK ALOIS PITELKA, with Highest
 Honors in Zoology
 LOREN HERSHEY PLUNKETT
 ALBERTA IRENE POLLOCK
 FRED HALL POTTER, JR.
 SARA FRANCES POWELL
 EUGENE AUGUST PRANGE
 MARIAN ESTHER PRICE
 JOHN JULIUS PROCH
 BETTIE JANET QUINLAN
 EDWIN MAYNARD RAFFEL
 JEANNETTE SADIE RASHID, with Honors
 in English
 MORTON HULL RAYMOND
 ROBERT HARRISON REEVES
 KENNETH LYNN RETHERFORD, with
 High Honors in Botany
 VERNA ELSIE REUSS
 FRANCIS FEDALE REZABEK
 FRANCES BAYLES RHINEHART
 BETTIE CATHERINE RICHARD
 SARAH TWEEDALE RICHARDT, with
 High Honors in History
 JOHN ROBERT RING, with Highest
 Honors in Zoology
 YVONNE PAULINE RIVARD
 CATHERINE MAE ROBB
 GLADYS ETHEL ROBB
 MAURINE ROBERDS, with High Honors
 in Spanish
 ALICE LAVERTA ROBERTSON
 JULIA LE ROBERTSON
 DAVID B. RODMAN
 JANE ARABELLE ROLLO
 JOHN RICHARD ROMIG, with Honors in
 Chemistry
 CHARLES WARREN ROMINE
 MERVIN SCOTT RONEY
 CHARLES PORTER ROOT
 KATHERINE ROPIEQUET, with High
 Honors in English and French
 SHERMAN EUGENE ROSE
 MARTIN ROSENBERG
 MARVIN DAVID ROSENBERG
 RONALD ROSHER
 JOHN VICTOR ROSS, JR.
 WALTER ANTON ROTKIS
 ROBERT LOUIS ROUSSEY
 MARGARET ROUTH
 LUCILLE JEAN ROWLEY
 WARREN VICTOR RUBNITZ
 LAWRENCE EDWARD RUEFF

- HELEN CRAWFORD RUNDLE, with High Honors in Psychology
 VIRGINIA ADAIR SACKETT
 PATRICIA DOROTHY SAGER, with Honors in History
 DOROTHY SHERMAN ST. JOHN
 MARY CHRISTINA SAPORITO
 MERLYN RAYMAN SCAMEHORN
 ARNOLD RIEDER SCHENK
 ERIKA SCHERF
 JEANNE JEANNETTE SCHNEIDER
 RICHARD FRANCIS SCHRAMM
 JANE ANN SCHULTE
 RICHARD CONDIT SCHULTZ
 MARGARET WILHELMINA SCHULZ
 WILLIAM HENRY SCHULZKE, JR.
 LAURABELL SCHUTT
 SARAH ROSE SCHWARTZ
 CARL EWALD SCHWEICKERT
 BARBARA JEAN SETT
 LEONARD SHAPIRO
 ELIZABETH MAE SHATTUCK, with High Honors in English
 ADELLE FLORENCE SHAW
 HELEN NAOMI SHEETS
 ELEANOR LOUISE SHINN
 HEDWIG ELIZABETH SHROYER
 HILMAR AUGUST SIEVING
 PHILIP FREDERICK SIMMON
 DOROTHYANN SINCLAIR
 RAYMOND EDWARD SKOV
 CARL OLIPHANT SMITH
 ELAINE SMITH
 MILDRED IRENE SMITH
 FLORENCE JUNE SPAULDING
 MILDRED MARY SPEICH
 ALICE WANDA SPIALEK
 HELEN MARGARET STALEY
 THOMAS W. STANFIELD
 GEORGE THADDEUS STANTON
 RICHARD KELLAR STEM
 MACK STEPHENSON
 JO ELLEN STEVENS
 JOHN GOTTHILF STILLI, JR.
 WALTER BERYL STONE, with Highest Tutorial Honors in History
 VICTOR HENRY STORTZ, with High Honors in German
 ELIZABETH FRANK STOUT
 JANVRIN EARL STRAESSER
 ELIZABETH JEAN STUBBERT
 CATHERINE GLORIA SULLIVAN
 EARL JAY SUNDIN
 VIRGINIA LEE SWANN
 THELMA SWEIRINSKY
 JOE DELAY TAYLOR
 CLYDE HOESLEY TEARNAN
 TERESA GERTRUDE TENNES
 VIOLA ROSE THEIS
 THEODORE ANTON THEODOROFF
 DOLORES CARSELL THOMAS
 MARGARET ANN THOMPSON
 MARGARET QUEEN THOMPSON
 BARBARA TOWNE, with Honors in History
 TRUMAN GLENN TRACY
 FLOYD ABBIE TRAYNHAM, JR.
 GEORGE HARRY TRENARY
 MARY ANNETTE TROMBOLD
 EVELYN MARY TUNNICLIFFE, with Honors in Mathematics
 ALBERTA GURNEY VAN PETTEN
 JOHN DAVID VARBLE
 JOSEPH VASTA
 JOHN PFEIFFER VESTAL
 WALTER HENRY VOLTZ, JR.
 RICHARD JOSEPH VOORHEES, with High Honors in English
 WILLARD EDMOND WADE
 MABLE STEPHENS WAGER, with Highest Honors in Sociology
 LOUIS EMMERSON WARD, with Highest Honors in Chemistry
 MARY RUTH WATERS
 WILLIAM ALPHONSUS WATSON
 EILEEN MADALENE WEILMUENSTER, with Highest Honors in German
 ROBERT HAROLD WEINSTEIN
 DAVID HAROLD WELKER
 ALICE KATHERINE WELTY
 JANICE HART WHITE
 JOHN IRVING WHITE
 ALICE ELIZABETH WHITING
 ROBERT WILLIAM WIDDICOMBE
 ROBERT ALBERT WILBRANDT
 ELIZABETH LOUISE WILLIAMS
 GRACE VERA WILLOWICK, with Highest Honors in History
 BARBARA JEAN WILSON, with Highest Honors in German
 DAVID MURRAY WILSON
 EMERSON LAVERNE WITTBECKER, with High Honors in Chemistry
 ALBERT HARRY WOHLERS
 MARTHA ANN WOLTMAN, with High Honors in English
 ROBERT GORDON YAPP
 JOHN GEORGE YAPUNCICH, JR., with Honors in Chemistry
 VERA LUCILLE YOWELL
 CHARLES ELLINGSON ZELENY
 CLIFTON LOUIS ZIEBOLD
 CATHERINE ROSE ZIMMER
 ROLAND WALTER ZIMMER

In Home Economics

BLANCHE VIOLA CAMPBELL

BETTY ANN KNIGHT

Degree of Bachelor of Science

In Liberal Arts and Sciences

ARCHIE LOWELL ABNEY
 ROBERT PEDEN ANDERSON
 FREDERICK CHARLES BAUER
 ROBERT WEDGER BOND
 SEYMOUR BROWNSTEIN
 SHERLEE BUSCH
 LAURA MAE COE, with Honors in
 Bacteriology
 JOSEPH WARREN COMPTON
 ROBERT JAMES CORDELL
 BERNARD ARTHUR CURVIN
 WILLIS MANSFIELD DECKER
 IRVING GERSON
 RUTH OPAL GOLDMAN
 ROY AXEL HAGSTROM
 BERNARD HALPERN
 GEORGE BURTON HAMILTON
 EARL JOSEPH HARRIS
 CLARENCE GWINNER HATMAKER
 MAIDA MAREE HEATH, with Honors in
 Bacteriology
 CHESTER WARREN HOUSTON
 WILLIAM CARL HOYER
 EDWARD MURPHY HUBBARD, with
 Highest Honors in Chemistry
 MAX LLOYD HUNT
 GREGORY JOSEPH JANKOWSKI
 JACK GERHARDT JANSSEN
 WILMA JEAN KAISER, with Honors in
 Bacteriology
 VERDAMAE KARR
 FRANK KASLAUSKAS
 JOHN F. KRABBE

ANTHONY KUDZMA
 PEARL RUTH LAUTH
 YUDELL LEO LUKE, with Highest
 Honors in Mathematics
 WALTER JOSEPH MAJEWSKI
 ROBERT FRANCIS MARWICK
 FARIS KNOBEL MOYER
 MARY MARGARET MUSSELMAN
 DONALD EUGENE NOLL
 EUGENE DENNIS O'MAHONY
 EDMOND GEORGE OTTON
 GEORGE CLARENCE PINNEY
 RUDOLPH HERMAN PLETZ
 GARLAND POFFENBARGER
 WINIFRED MAY RANDOLPH, with High
 Honors in Chemistry
 ROBERT WILLIAM REGAN
 FRANCIS ASBURY RICHARDS
 LOUIS ANTHONY RITTSCHOF
 MARTIN ROSOFF
 JAMES ALBERT ROWE
 JOSEPH SANTIVANSKY
 JOSEPH EZRA SHERMAN
 GERTRUDE CATHERINE SMIT
 LOIS CAROLYN SODERSTROM
 ROBERT WILLIAM STRAW
 JEROME SWIMMER
 HARRY JOSEPH TAYLOR
 HELEN MARIE WASS
 MELVIN WITKIN
 CARL HENRY ZAMZOW
 FREDRICK CLAUD ZUMSTEG

In Chemistry

ROLL CARL BAUGHMAN, JR.
 GEORGE WILLIAM BOYD
 ARCHIE JOHN DEUTSCHMAN, JR., with
 Honors
 WILLIAM DVONCH
 JOHN ROBERT EDMONDS
 GERALD WILLIAM FRANK, with Honors
 ROBERT CRANE GARRETSON
 WILLIAM A. JACOB, JR.
 HERMAN JASS, with Honors
 RUSSELL CLAYTON MALLAT, with High
 Honors
 MORRIS MEISTER, with Highest Honors
 RICHARD RAYMOND MERNER, with
 Honors
 HAROLD WILBUR MOHRMAN, with
 Honors
 VADIM CONSTANTIN NEKLUTIN, with
 Highest Honors
 WALTER ARTHUR RACZYNSKI

JOHN FLEMING RICHARDSON, with
 Honors
 KENNETH CARL ROBBINS, with Honors
 RICHARD GRAY ROGERS, with Honors
 WILBUR SIMON
 EDWARD HENRY SPECHT, with Highest
 Honors
 WILLIAM JOUETTE TAPP, with Highest
 Honors
 ROY WILLIAM HENRY TESS, with
 Highest Honors
 ARTHUR DOCK FON TOY, with Honors
 FREDERICK CHARLES UHLE, with
 Highest Honors
 ROBERT EDWARD WANTZ
 ROBERT PAUL WEHRMANN
 ROBERT LAWRENCE WEIL
 JOHN PAUL WILKINS, with Highest
 Honors

In Chemical Engineering

CHARLES HOWARD ADAMS
 JEROME WILLIAM ARKIS
 FORREST HARVEY BLANDING, with
 Highest Honors
 WILLIAM HERMAN CLENDENIN
 JOHN CORZINE COX, with Honors
 VINCENT LEON CRAWFORD
 FRANK CAVAN FOWLER
 MILTON JOSEPH GOLDFARB, with High
 Honors
 MELVILLE JAMES HOLIK
 ROBERT CORNELIUS HOLMES, with
 Highest Honors
 ARNOLD MORRIS KAUFMAN, with
 Honors
 JOSEPH EDWARD KAVECKIS, with High
 Honors
 JOSEPH ANTON KONECNY

JOHN WESLEY LATCHUM, JR.
 JAMES HENRY LLOYD
 ELROY FRANCIS MAHLBERG, JR.
 LAWRENCE FREDRIECH MARSCH, with
 High Honors
 ROBERT EDWIN McDONALD, with
 Honors
 VICTOR HENRY MUNNECKE, JR., with
 Honors
 ROBERT CLAYTON OLSON
 OSBORNE HOWARD PADDISON, JR.
 HORACE PETTEE
 JOHN CLEVELAND POLSON
 ROBERT FRANCIS TRANT
 HAROLD CARL WEINGARTNER, with
 High Honors
 RICHARD WINER
 HAROLD WITKIN

In Home Economics

DOROTHY CLEO BRYAN

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science*In Accountancy*

RAYMOND THOMAS AKINS
 GEORGE EDWIN ALLEN, with Honors
 ROBERT LEE ASHLEY
 DONALD FORREST BABB
 WILLIAM TAYLOR BARRY
 WALTER NICHOLAS BERTRAM, with
 Honors
 ALBERT FRANCIS BILLINGS
 WILBUR JAMES PATRICK BRADY
 LORRAIN MAUDE BRAMEL
 MELVIN BAUER BREYMAN
 DOROTHY MARIE BROEG
 ROBERT MOSES BROOK, with Honors
 CARLTON RICHARD BROWN
 OTIS CHARLES CARRILLO
 GEORGE ROUDEBUSH CATLETT, with
 High Honors
 RICHARD BOYD COGDAL
 ARDEN KEITH COLBY
 THEODORE LESTER CORWIN
 CLARENCE WALLACE DAUGHERITY
 WILLIAM ORVILLE DERROUGH
 ROBERT CHARLES DEWOLF,
 with Honors
 KENNETH WILLIAM DICKHUT
 STANLEY DRELL
 LEO EATMAN, with Honors
 GARTH WILLIAM EDWARDS
 THOMAS FLETCHER ELLIS
 FRANK SMITH ERVIN
 WILLIS GRANT FARISS, JR.

NATHAN VAUGHAN FILBEX, with High
 Honors
 ROBERT FREEMAN
 HERBERT LESTER FYIE
 ALBERT WILLIAM GEBAUER, with High
 Honors
 JOSEPH CHRISTOPHER GIANOTTI
 CHARLES THOMAS GILLES
 ARTHUR WALLACE GILLESPIE
 VINCENT LEO GRAHAM
 JAMES JUSTIN PHILLIP GUILD
 CHARLES EDWARD HEMPHILL, JR.
 HERBERT IVAN HENRICKS
 LAWRENCE ELMER HESS
 NATHANAEAL NEWMAN HILL, with
 Honors
 HOWARD GLENN HOEGSTED
 MARTIN ALBERT HOFFING
 ROBERT FRANKLIN HUGHES
 RUTH HARRIET HILSABECK JACKSON
 SEYMOUR JENSKY
 THERON ROBERT JOHNSON
 WALTER EDWARD JOHNSON
 WILLIAM BERNARD KENNEDY
 VERNON WAYNE KRAETSCH
 ALFRED EDWARD LEVEY
 ARTHUR BENSON LOFT
 SAMUEL RICHARD MANN
 MORRIS JOHN MCCARTHY
 JAMES ROWE MCCREIGHT

THOMAS EDWARD McDONALD
 SAMUEL MELVIN MINKUS
 ANDREW GILBERT NELSON
 CALVIN DALLINGER NEVE
 DAVID ALDEN OLSON
 GEORGE AARON OLSON
 ROLAND EARL PALMER
 HENRY PASKIN
 REGINALD ROBERT WILLIAM PETERSON
 ROBERT MARION PRANGE
 HENRY PRESENT
 MAURICE PRESS
 MORTON DENNISON PROUTY, Jr., with
 High Honors
 COLIN JAY REEVES
 HOWARD RICE
 ROBERT ERNEST RIGHTMYER
 SEYMOUR DAVE ROSE
 RICHARD STEBBINS SANDERS
 ALBERT JOSEPH SCHNEIDER
 JOHN KEMP SCHUDER
 PAUL WILLIAM SHIPLEY
 SISTER RITA ROSE MONAGHAN

FRANK CHARLES SLADEK
 DONALD WILSON SMITH
 ROBERT FREDERICK STEWART, with
 Honors
 CLYDE WILSON SUMMERS, with High
 Honors
 DAVID DECK SUTER, with High Honors
 JOSEPH WILLIAM TOMASESKI, with
 Honors
 CHARLES RICHARD TRACY
 PAUL SMITH VANDERVORT
 ROGER MILTON VEACH
 GUY M. VILLARS
 EVERT EDWARD WERNER
 SAMUEL LARKIN WETHERELL
 HELEN JENENE WEXLER, with High
 Honors
 JOSEPH GEORGE WILSON
 ROBERT EDWARD WINKEL, with
 Honors
 HAL H. WOODSIDE, with Honors
 ROBERT ROLLAND ZUCK

In Accountancy and Banking and Finance

DONALD EUGENE GEHRING
 FRANK LEO SENSENEY

ALVA M. WAGGONER

In Banking and Finance

RUTH ELEANORA BAILEY
 ETHEL MERYL BAKA
 ARTHUR HALE BURGMAN
 ROBERT HARTZELL COLE, with Honors
 JOHN WILSON DADMUN
 LEONARD BURDETTE DOWELL
 RALPH THOMAS FAVO
 EDWARD CLARK HARTER
 JOHN REW KIDD

HOWARD NOBLE MARTIN
 ODD MEYER, JR.
 ALBERT JAMES MOYE
 ARTHUR JESSE NEUMANN
 EDWIN JUNIOR PAYNE
 JAMES A. SHINKOFF
 DONALD HENRY TEEL
 JAMES WALLACE WINGATE

In Commerce and Law

ROBERT WARD BOOTH
 ROBERT HAMILL CLEMENTS
 JOHN JOSEPH CLINCH, JR.
 HENRY DAVIS FREEDMAN
 HARVEY LOOMIS HENSEL
 RALPH LEE JACOBS
 DURWARD GAIL JUDY
 KARL FREDERICK KRAUS
 JOSEPH EUGENE LANUTI

GLENN A. MCTAVISH
 GILBERT STEPHEN PEINE
 ROBERT SHAFER PITZER
 FRANK HENRY SCHNIEDERJON
 JAMES EUGENE SUTHERLAND
 JEROME WILLIAM CHARLES VAN
 GORKOM
 BILLY BEN WIESE
 JOSEPH MARSHALL WILLIAMS

In Commercial Teaching

JUNE EILEEN HALL, with High Honors

In Foreign Commerce

RUTH LOUISE ALBERSTETT
 ROBERT RAY DOCKSON
 FLORENCE ELLEN HARWOOD
 MARTHA BRUCE MORRISON

GEORGE HAROLD PACE
 JOHN HENRY REEDY, JR., with High
 Honors

In General Business

MARGARET LOUISE ANDERSON
 ROBERT DONALD BAILEY

RAYMOND HEDGES BENARD
 GEORGE CYRUS BODDIGER

VIRGINIA ELLEN BOWEN
 KENNETH LESLIE BOWTON
 SIDNEY WYETH BRINKER
 ROLLAND VINCENT BRINKMAN
 ANDREW TAVERNER BROWN
 ROBERT LEWIS BRUMBACH
 BOBBY JOYCE BUMANN
 BURTON BURNS
 JACK ALBERT CALLENDER
 FRANCIS WILLIAM CAMPBELL
 RALPH OSCAR CARLSON
 MERLE RAYMOND CARROLL
 MACLEAN CHANDLER
 WILLIAM NOYES CHAPMAN
 MARY EMALYN CLARK
 EARL COHN
 RUTH EMMA CRAIG
 EMILY JEAN CRIHFIELD
 FRANK ABRAM CRONICAN
 MORRIS LEVINE CROUSE
 GRANT JORDAN CRUZE
 WILLIAM EVARTS CURRENT
 JOAN CUSHING
 EDWARD STANLEY DACKIEWICZ
 ROBERT LEMING DAHME
 SAMUEL W. DAVID
 PAUL HENDERSON DEAN
 ADOLPH LYNN DENNISTON, JR.
 BERNARD FRANCIS DERENSKI
 MARION LUCILLE EDLER
 JOHN GARTH ELZEA, JR.
 NORMAN JOSEPH EMGE
 LAWRENCE SAMUEL ENGLISH
 HAROLD NORTON FAGEL
 JAMES ROBERT FARRINGTON
 JERRY MEYER FINDER
 WILLIAM HARRY FISHER
 GERALD ORVILLE FOSSLER
 HERBERT K. FRAZEE
 CHARLES A. FRENCH
 EDWARD TULLY GARDNER, JR.
 FRANK JAMES GARRETT, JR.
 ROBERT EUGENE GRIGSBY
 WILLIAM GRIMSHAW GROTE
 RICHARD CARL GRUPP
 LEONARD FRANCIS HALATEK
 GEORGE HENRY HAMP, JR.
 DAVID ROBERT HARSCH
 JANE WAYNE HAUSER
 ROBERT STEARNS HAVNER
 ROBERT ALLEN HEALD
 ROBERT NEVILLE HECHT
 LEROY BERNARD HERBST, JR.
 CHARLES DARWIN HESLER, JR.
 HERBERT NORMAN HIMELSTEIN
 DANIEL CHARLES HIRSCH, JR.
 VIRGIL ALDEN HOKANSON
 EDWARD PROSPER HOLLMAN
 EARL DWIGHT HOOVER
 EDWARD JOSEPH HOPPE
 RAYMOND FREDERICK HOTT
 FREDERICK WARD HOWARD
 JACK ARNOLD HOWARD
 JOSEPH CHARLES HURLEY
 JAMES WILLIAM HUSSEY
 FRED THOMAS JACOBI
 WILLIAM HENRY JARMAN
 ARNOLD OSCAR JOHNSON
 MARY BUSEY JUTTON
 RUSSELL MORRIS KAHN
 JACOB ROBERT KANDLIK
 OSCAR MEYER KAPLAN, with Honors
 CHESTER KARZMAR
 AARON SHAW KATZ
 LORA ADELAIDE KEE
 WILLIAM CHARLES KEENEY
 EDWARD RIED KENNELLY
 MELVIN FOREST KERR
 JOHN JOSEPH KINSELLA
 EDWARD KOOPS
 MURIEL MARIE KRING
 KENNETH ARTHUR KVISTAD
 CHARLES ROBERT LAMMERS
 ELMER CHARLES LINK
 HERMAN LOUIS LOEB
 DAVID RAYMOND LOWER
 EDWARD JAMES LYONS, JR.
 WILLIAM STUART MACDIARMID
 MARGARET EILEEN MAYER
 CLYDE EDWARDS MCBRIDE, JR.
 JAMES WILLIAM McDONALD
 FREDRICK HARRISON MCKINSTRY
 WILLIAM EARL MERCER
 DANIEL HENRY MEYER, JR.
 FOY MEYER
 ROBERT ARTHUR MEYER
 HARRY LYLE MILLER
 LEWIS MOE, JR.
 JAMES WOODS MORROW
 GRACE FREDA MUELLER
 ELLSWORTH HERRICK MYERS
 HERBERT GEORGE NIEBURGER
 STUART B. NORDQUIST
 VERNON WILLIAM NORTON
 JOHN PATRICK O'BYRNE
 CLARENCE LAVERNE ODUM
 LLOYD FREDERIC OLESON
 HAROLD OLSEN
 DONALD HUGH OPEL
 GEORGE ROBERT OTTO
 JOHN LEO PALKA
 RAY PALMER
 HAROLD ANSELME PARMELEE, with
 Honors
 ROBERT LEO PELLICAN
 VAUGHN RAYMOND PENNINGTON
 FONDA LENORA PERRY
 GORDON KENNETH PETERSEN
 WILLIAM LAVERN POINTER
 JACK COLLINS REINHARDT
 JOHN HENRY RENNELS
 ROBERT PERSHING REUSS, with High
 Honors
 WILLIAM MARTIN REUSS, JR.

WALTER SANFORD RICKS
 GARNET MAY ROE
 IRVING JACOB ROSEN, with Honors
 HARRIET IRENE ROTH
 HOWARD JANEY RUSSELL
 WILLIAM JORDAN RUTH
 CHARLES WILLIAM RUTHER
 PAUL CLEMENT RYAN
 RUTH MARIAN SALLADAY
 MONTIE SANDERS
 JOHN EDWARD SANDMARK
 JAMES SCHWARTZ SCHINDLER, with
 Honors
 JACK SCHWARZ
 JOSEPH WAYNE SIBBITT
 CHARLES WILLARD SIGERSON
 WALTER HERMAN SKOW
 JOSEPH NEWTON SMITH
 KARL BOLENDER SMOYER
 WILLIAM PRESSLEY SPRINGSTON
 CHARLES HERMAN STOTZ

BRADFORD CARL STURGEON
 RICHARD TRELORE TAYLOR
 JAMES G. THAMES
 WILLIAM BUSSO THOMAS
 ROBERT EMMETT THORNHILL
 JAMES FISCHER TOWEY, with Honors
 WILLIAM HENRY TYSON
 GERALD FRANK VACULIK
 TERENCE GREGORY VANE
 GEORGE PAUL WARDLEY, JR.
 JAMES VICTOR WEBER
 JOHN JUNIOR WEBER
 JACKSON HART WELLS
 STUART HANSON WHITE
 PHILIP VANDERVOORT WILES
 ROY KENNETH WILLIAMS
 RICHARD BECK WILSON
 SAMUEL OLIVER WITT
 LEE LEWELLYN WOLFSON
 WILLIAM EDWARD ZEMPEL
 ROBERT HENRY ZENOR

In Industrial Administration

ROBERT PAUL BEAR
 JOSEPH JOHN CHORVAT
 GEORGE JOHN DLESK
 ELMER EVANS DUNLAP
 ROBERT JOSEPH ELLINGEN
 JAMES DENTON HODGES
 CHARLES BAIN HOFFMAN
 CHARLES JOSEPH HOSEK
 JEROME JOSEPH HOWE
 JOSEPH BERNARD JILBERT
 JAMES ASHLEY KOCH
 CARL ARNO LEUPOLD

SHELDON SAMUEL LEVEY
 FLOYD KENNETH LONG
 CHARLES GILBERT MOREAU
 KEITH OWEN, JR.
 BYRON THEODORE PETRY
 PHILIP RAYMOND PROCTOR
 WILLIAM EATON RAUSCHENBERGER
 JOHN BAUMAN ROADHOUSE
 JOHN ARNOLD SANDBERG
 LEROY VERNON SIMMONS
 SAMUEL EDWIN VAN DEEST

In Public Utilities

CHARLES OLIVER NORRIS

In Trade and Civic Secretarial Service

MARION DOROTHY THERESA CEDERWALL, FRANCES VIRGINIA WILLOUGHBY
 with Honors

In Transportation

THOMAS WILLARD BAILEY
 ROBERT CHAUNCEY COLLINS
 EDWARD EARL KANTENWEIN
 DOUGLAS LAUREL ODELL, with High
 Honors

SING-MING SIAO
 RICHARD EDWARD YOUNGCEN

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Agricultural Engineering

WILLIAM FULLENWIDER LYTLE

JOHN MERLE TRUMMEL

In Ceramics

WILLIAM CHARLES BROWNING
 ERVIN BRUNO BRUNINGA
 CLAYTON GEORGE HAESSLER, with High
 Honors

CARL FREDRICK SCHAEFER
 JOHN JOSEPH STEENCKEN

In Ceramic Engineering

GILBERT JAYCOX CAHOON
 JOHN EDWARD CORDES, with Honors
 WILLIAM DAVID FORD
 JOSEPH GOLDBERG
 ROBERT HAYNES GREEN
 WARREN RAYMOND JOHNSON, with
 High Honors
 ROBERT JOHN McCANN

FORREST WILBUR NELSON
 ANTON RUDOLPH NOVY
 LELAND DALE PERRY
 WILLIAM JOSEPH PRICE
 ROBERT AVRON ROSENBLUM
 LELAND HAROLD SMITH
 PAUL HERMAN STEENCKEN

In Civil Engineering

ROBERT WAYLAND BURKE
 IRA THOMAS CHAPMAN, with High
 Honors
 JOSIAH SEELEY COOPER, JR.
 DONALD NATHAN CORTRIGHT, with
 Honors
 EDWARD DARWIN EBERT, with Honors
 ROBERT DETWEILLER EVANS
 GEORGE LESTER FARNSWORTH, JR., with
 Honors
 EDWARD SMITH FRASER, JR., with High
 Honors
 EMERSON EUGENE HALL
 DAVID HELMAN
 WILLIAM FRANK HUTH
 RALPH JAMES JOHNSON, with Honors

LEON EDWARD LEIFERMAN
 JAMES BURR LLEWELLYN, JR.
 KEITH CARSON LOWE
 RAPHAEL PHIL MASSARSKY, with
 Honors
 SHAMEL MOORE
 JAMES WILLIAM MOSE
 RICHARD PALMER PARSHALL
 FRANK AUGUSTUS REED
 PHILIP BENJAMIN SADTLER
 ALBERT RUDOLPH STARR
 FRANK KENNETH VEASMAN
 CLARENCE BENJAMIN WILLIAMS, JR.,
 with Honors
 FRANK EDWIN WISELY

In Electrical Engineering

BERTRAM JERRY ALPORT
 AMOS WEEDMAN BATEMAN, with
 Honors
 HAROLD BUNTE
 STEPHEN FREDERICK BUSHMAN
 JOHN BERNARD CAHILL
 CARL ALBERT CARLSTEN
 MAURICE KILNER CARR
 ARNE CHRISTENSEN
 LINCOLN D. CIPRIANO
 JOHN WILLIAM ROBERT CREAGH
 FRANK TEMPEST DeWOLF, with Honors
 NOEL EUGENE DILLOW, with High
 Honors
 PETER WALTER DOUGLAS
 GEORGE RICHARD DREIER, JR.
 ELMER TRYON EBERSOL, JR.
 BERNARD EPSTEIN
 CHARLES DONALD FAHRNKOPF
 EDWIN JOHN FISHER
 JACK CURTIS FOSS
 HAROLD WALKER FRASER
 KENNETH MACE GONSETH
 FORREST BURTON GOODRICH
 RICHARD OWEN GRAY, with Honors
 HERBERT DAVID HARBACK
 ALBERT JEROLD HATCH
 ALFRED BERNARD HORN, with Honors
 THEODORE CLIFTON HUNTER
 WALTER JOHN KORENEVICH

CHARLES ARTHUR LANE, JR.
 WILLIAM DWIGHT LYON
 KENNETH DALE MALICK
 LEWIS EDWIN McCOWN, with Honors
 HAROLD MOYER MILLER
 MAX MILBURN PEHL, with Honors
 CLIFFORD KENNETH POARCH, with High
 Honors
 WILLIAM SPEED PRICE
 HOWARD HENRY REISMAN, with Honors
 ERNEST BENJAMIN ROSNER
 WILLIAM EDWARD SCHREIBER
 DALE HOWARD SHICK
 JOE SPENGLER
 HERBERT CHARLES STAFFORD
 ROBERT E. STEINFORT
 PAUL GEORGE STIER
 THADDEUS JOSEPH TOMCZYK
 FRANCIS KASMIR USALIS
 JOHN SAMUEL WENGER
 BURT HUDSON WESTON
 JOHN HUBERT WETZEL, with High
 Honors
 RICHARD ANTHONY WETZEL, with
 Honors
 CARL EDWIN FREDERICK WILKE
 ROBERT JOHN WILLIAMSON
 ROBERT LOUIS ZIERJACK
 PAUL JOSEPH VINCENT ZUERCHER

In Engineering Physics

PAUL FRANK ELARDE
 ROGER KENNETH ERICSON

ELDRED WILSON HOUGH

In General Engineering

RAY TEED ALEXANDER
 MELVIN EDWARD EILERS, with Honors
 WILLIAM SAWYER GILBERT
 MAYNARD MICHAEL HUFSCHMIDT, with Honors

OMER JEROME LONG
 GEORGE WALTER MILLER
 AVON JOSHUA NICKERSON
 WILLIAM ALLEN ROBERTSON
 GEORGE SPENCER TREES

In Mechanical Engineering

RICHARD WALTER AKEMANN
 MERRILL JAMES ANDERSON
 JOHN LEWIS ANDREWS
 CECIL VAN ARMBRUSTER
 LOREN FRISK ASHWOOD
 STANLEY WOODWARD BAKER
 ROBERT ALLEN BANCK
 JAMES DONALD BEAUMONT
 HAROLD WOODROW BERGER
 FRED THEODORE BLUM, JR.
 MONT EVERETT BODINE
 HAROLD WILLIAM BOND
 ARTHUR SMITH BROWN
 DUANE JOHNSON BUCKLEY
 ROGER PARKER CAMPBELL
 HAROLD WAYNE CARLSON
 ROBERT HENRY CHRISTY
 PHILIP JAMES STANLEY CLEMENTZ
 ROLLAND ARTHUR CLINITE
 DAVID HEROLD COLE
 KENNETH WILLIAM CONERTY
 CARTER LANE COOLEY
 ROBERT STEVENS DARKE, with High Honors
 WARREN GILBERT DUGAN, with High Honors
 FRED AUGUSTUS EGGERS, with Honors
 DONALD RODNEY ELLIOTT
 CARL FREDERICK ERIKSON
 CHARLES DURWOOD EVANS, with Honors
 NORMAN VICTOR FEHRM
 LEONARD FIEMAN
 GLENN R. FOUTS, JR.
 GEORGE EDWARD FRANKLAND
 ROBERT WILLIAM GAINES, with Honors
 LEE CONNEL GATEWOOD
 EDWARD WHITE GEISER
 JOHN ARRIN GILLIES, JR.
 JOHN GRENNAN GRUBB
 GILBERT VICTOR GULLAKSEN
 HOWARD GEORGE HAAKE
 EDWIN WALTER HAGBLOM

DAVID WILLIAM HARVICK
 LEO ALFRED HEFFINGTON
 JOHN WAYLAND HERNLUND
 EDWARD CARL HEUBACH
 JAMES MARSHALL HOFFMANN
 MORRIS LEE HUTCHENS
 VI-SING HYUI, with High Honors
 STEPHEN JACOBS
 RALPH JOSEPH KING
 HAROLD FRANCIS KLECKNER, with High Honors
 ROBERT STAFFORD KLUCK
 LEO FRANK KOESTERER
 HENRY CLARENCE LANGILLE
 HERBERT ELMER LIND
 ROBERT JOHN LINDSTROM
 ROY VERNON LOHMILLER
 DAVID RAND MANDELSON
 FRANKLIN HOTCHKISS MCKELVEY
 LEONARD SCOTT MINICK
 CHARLES FRANKLIN MITCHELL
 RICHARD PAUL MOLT, with Honors
 DOUGLAS CLAYTON MONTGOMERY, JR.
 JOE WOODROW MORRISON, with Honors
 THOMAS MILTON MORROW, with High Honors
 RALPH MOODY OBERLINK
 WILLIAM OLIVER ODGERS
 SAM M. PARADISO
 FRANK JOSEPH RASMUSSEN
 ROBERT DALE RODWELL
 DANIEL HENRY ROUSE, JR.
 SAM SACHS
 ROBERT BROWN SHANKS
 KENNETH MORRIS SMITH
 ROBERT GEORGE SPELBRINK
 ROBERT LOUIS SUTHERLAND
 ELMER LEWIS TANDRUP
 JOHN LEIF WINGE
 WAYNE BLOOMFIELD YARCHO, with Honors
 VERNON MATTHEW ZWICKER

In Metallurgical Engineering

LEROY OSCAR BROOKS
 JOSEPH MUELLER BROWNBACK
 CHARLES DUDLEY BUSHEE, JR.
 LOUIS PHILLIP THOMAS FLESCH
 DON ROBERT GOSCH
 LEWIS ROBERT KOVAC
 RAYMOND DEAN LEAKE
 KENNETH OLIVER LONDON
 ROY EDWARD LORENTZ, JR., with High Honors

ROBERT ERHARD MAHR
 CLARENCE STEARNS NIELSEN
 BARTLETT ROOT PRICE, with Honors
 GEORGE FREDERICK ROBERTS
 MICHAEL WILLIAM SENEW
 HERMAN O. SMITH, JR.
 WILLIAM HARRY WALTER

In Mining Engineering

JOHN RICHARD BURNS

JOHN PERKINS SKINNER

In Railway Mechanical Engineering

GEORGE FREDERICK BACHMAN

FRANK OWEN HAYMOND, JR.

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

CLYDE HARLEY ACKERMAN, with
 High Honors
 DONALD ALLEN, with Honors
 FRED WENDELL ANDERSON
 LELAND HARVEY ANDERSON
 CHARLES ATER, JR.
 MORRIS HAROLD BANNER, with Highest
 Honors
 PERRY WAYNE BEAL
 EDMOND HAROLD BENNETT
 HAROLD DANIEL BERGMAN
 RUSSELL LAVERNE BERRY
 ORVILLE WAYNE BOTTRELL
 CARL SYLVAN BROCK, with Honors
 SHERMAN CORDER BROWN
 DONALD LAURENCE CARMAN
 ELLSWORTH VARNIS CARMICHAEL
 ROBERT SEELY CHERRY
 JOHN WESLEY CLIFFORD, with Honors
 WAYNE DAVID CRONE
 CLIFFORD ERNEST DELABAR, with
 Honors
 HONSHALL FRANCIS DOSSEY
 JOSEPH THAYER DRAKE, with Honors
 RICHARD POTTER DRAKE, with Honors
 JOHN ANDREW EDWARDS
 GLENN HARMON ETHERTON
 ROLLIN BRANYAN EVANS
 WILLIAM ARMSTRONG EWAN, with
 Highest Honors
 ALBERT JUNIOR FISHER
 ROBERT BRYCE FLOYD
 FRANK XAVIER FOX, III
 RAYMOND MATTHEW FRAKES
 RONALD MAURICE FRETTE
 MAURICE GILBERT GANTZERT
 GLENN STEWART GARVIN
 HARVEY CHRISTIAN GRAVES, with
 Highest Honors
 GORDON KERN GROSE
 WILLIAM PHILIP GRUENSFELDER
 DELMAR EUGENE GURLEY
 RAYMOND LEROY HAUN
 LEE ROY HAYS
 HERBERT ARDELL HEADY
 WILLIAM PAUL HENDREN
 MARVIN WARD HEWITT
 DANIEL JAMES HOLMES
 JOSEPH EVERETT HUBBARD, with Honors

DWAYNE ORVAL HUFF
 WAYNE WILLIAM HUNTER
 CLAY ELLIS HURST
 WILLIAM FRANKLIN HUTCHINSON
 EBEN JUNIOR IRISH, with Honors
 MERLE LEWIS JENKINS
 WILLIAM PETER JENSEN
 RICHARD ELMER JOHNSON
 CHARLES ELVIN JORDAN
 HENRY MENZO JORDAN
 CARL THEODORE KARLBURG
 HAROLD LEROY KOELLER, with High
 Honors
 ROBERT KOHN
 JAKE LUTHER KRIDER, with Highest
 Honors
 DUANE ELMONT KUNTZ
 MERYL FROST KURR, with High Honors
 CLIFFORD WALTER LANDWER
 ORRIS GAIL LANE
 GERALD ADAM LEE, with Highest
 Honors
 AARON JACOB LEVINE
 WILLIAM HENRY LUBBEN
 RICHARD OLEN LYON
 PAUL WEBSTER MALMGREN
 MAURICE ADAMS MARSHALL
 WILLIAM GARTH MARSHALL
 WILLIAM DAVID MASTERS
 DAN RAYMOND MCCLELLAND
 JOHN EDGAR MCCUE
 STUART WILLIAM MILLER
 HOWARD GRAY MINCH
 JAMES HERBERT MOORE
 GEORGE ALLAN MUEHLHAUSER
 LEON EDMUND MULL, with Honors
 KENNETH DALE NADEN, with Highest
 Honors
 MELVIN HENRY NELSON, with Honors
 HOMER JASON NOREM
 HAROLD EDWARD NOREN
 CHARLES HARVEY OATHOUT, with
 Honors
 ELDON FRANKLIN OBERLIN
 PAUL NICHOLAS ODELL
 ROBERT WILLIAM OERTEL
 JAMES ROBERT PAISLEY
 FRANK PATTON, JR.
 HAROLD FRANK PAYNE

JOHN HUNT PEASLEY, JR.
 ORTHELDO ARTHUR PEITHMAN, with
 High Honors
 EVERETT JEFFERSON PETERS
 KENNETH KARL PLAMBECK
 HARRY JOSEPH PLONSKY, with Highest
 Honors
 DEAN HAROLD QUIN
 ERNEST LESTER RAMME
 RUSSELL FAYETTE RICHARDS, with
 Honors
 JOHN ANDREW RIDGWAY
 STANLEY PROCTER ROUSE
 ISAAC HARMON ROWAND
 HARVEY DAVID SAFFORD
 HOWARD RAYMOND SATTERFIELD
 DONALD MYER SCHULTZ
 CHESTER LORRAINE SEIBERT
 ORISON RAITH SEIBERT
 EMMITT ALBERT SHELLHAMMER
 GERALD NOAH SHULL
 HOWARD EDWARD SLIBECK
 NICHOLAS EDWARD SLOAN
 WHEELER SLOMAN

NORMAN LOUIS SMITH, with High
 Honors
 EDMUND PETER STAFF
 FRANCIS STUART STALEY
 ORLAND RICHARD STEPHENSON
 RUSSELL KENNEDY STIVERS, with
 Highest Honors
 CARL WILLIAM SWANSON
 RALPH JAMES THOMAS
 GERALD CLIFTON THOMPSON
 LOUIS VEXLER
 EVERETT JAMES WARWICK, with High
 Honors
 MILAN ELLIS WATSON, with High
 Honors
 BERT MILLS WHITLOCK, with High
 Honors
 BENJAMIN HERMAN WITTE, JR.
 DONALD ELLIS WOMACKS
 RALPH BOND WOODBRIDGE
 JAMES EDGAR WYCKOFF
 HENRY THOMAS YOUNGREN
 DWIGHT FREDRICK ZIMMERMAN
 ROBERT ZINN, with Honors

In Floriculture

JOHN HARRY BONHARD
 REX MARSIEL BUNCH, with Honors

ANNA CAROLINE RAUT, with Highest
 Honors
 LOU BERNARD VOIGT, with Honors

In Home Economics

BETTIE STROTHER ANDERSON
 FRANCES ANDERSON
 WINIFRED MARY BARCLAY
 MINTA JEAN BARTLE
 CAROLINE REGINA BEALL
 VIOLET MARIE BENHAM
 JANE EDNA BINGEMANN
 ROSE ELIZABETH BREWER
 MARGARET RUTH BROWN
 ESTHER ANNA CAROLINE BUHRMANN
 BETTY JANE NELSON BUSHMAN
 ELLEN ELIZABETH CLARK
 MARTHA JANE COULTAS
 FANNIE LUCILE COWING
 BETTY JEAN CURTIS, with Honors
 MARY NORTON DAVIDSON
 VIVIAN GRACE DORCH
 MANESA AMY EDWARDS
 NANCY BURTON EGER
 EFFIE RUTH ELLIOT
 KATHYRN DOROTHY GABEL
 ALICE LUCILLE GATES
 ALICE GLENNON, with Highest Honors
 PHYLLIS ANN GOODWIN
 VIRGINIA MAE GORDON
 INA FAY HALL
 MARGERY MAY HARKNESS
 MARGARET ELIZABETH HEDGCOCK
 MILDRED HILDA HEMP
 MARY JANE HINKEL

HELEN HOYT
 ARDIS GWENDOLYN HUBBS
 MYRTLE JOYE IVERSON, with Honors
 STELLA ANNE KANOSKY
 HELEN LUCILLE KESNER
 COLETA HOTZ KNEWITZ, with Honors
 RUTH ELIZABETH LANGFORD
 HELEN WISENE LANGHAM
 WILDA LORENE MCKEOWN, with Honors
 RACHEL ELIZABETH MEHARRY
 ARLENE JUNE MIGHELL
 BARBARA ELIZABETH MOORE, with
 Honors
 VORA MOSHER
 VALERA MARIE MULVANE
 MURIEL ELVERA NELSON
 RACHEL THELMA PARK
 BARBARA JUNE PITTS
 NOLIA CATHERINE POPE
 PAULINE AUGUSTA REHNER
 ESTHER LOUISE RIECHMAN
 ESTHER JEMIMIA RUTHERFORD, with
 Honors
 VIOLET MAGDALENE SCHOEPPPEL, with
 Honors
 HELEN ELIZABETH SHAVER
 LORRAINE CAROLINE SHERMAN
 ELIZABETH MAXINE SIEVERS
 SISTER MARY JUDE JUDD, with Honors
 LOIS JANE SMITH

WILMA MOOSE SMITH
MARIE ALMA STEWART
MARY LOUISE STROPES
FRANCES HELEN TUMA
MARY ELIZABETH TWEEDY, with
Honors

ESTHER RUTH VAHLE
NEVA JEAN WARBURG
RUTH EILEEN WYMAN
JUNE EVANS YARNELL, with Honors
MARGARET ROSE ZIRCKEL

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

JEROME RALPH ADELMAN
ADA LAURA ALBERT
STANLEY WILSON ALCORN
EVELYN ALLARD
BETTY LOU ALVEY
CHARLES FREDERIC AMADEN
AGNES MARIE ANDERSON
ALICE ELIZABETH ANDERSON
GRACE ELIZABETH ANDRESEN
ROBERT EDSON ARNOLD
DOROTHY MARGARET ASA
WILLI ALBERT AUST
IRENE FRANCES BAKER
PHILLIP HAINES BAKER
VIRGINIA ANNE BAKER
BETTY BEHNER BARRIE
AVIS ELEANOR BEEDE, with Honors in
Commercial Subjects
FRANCES MARGARET BENSEN
GLENN WINSTON BERG
IRENE MARIE BIANCHETTA, with Honors
in Education
GYNATH MARGARET BILLETER
RUTH MAY BINGHAM
HARRIETT AMALIA BLOMBERG
VIVIAN ELIZA BLOMQUIST
MARY ELIZABETH BLOOD
BETTY BOCK
LAMAR ELZA BORDERS
HENRY JAMES BOTHWELL
ULETA MARGARET BRACKMAN
CLARA HARRIETT BROOM
FLORENCE MARIE BROWN
MERLYN FREDRICK BURRIS
WALTER LOUIS BUTTERFIELD
RUTH MYRTLE BYLES
SAM LAWRENCE CATANZARITE
ELOISE CHAMBERLAIN
ERWIN FRANK CIHAK
ROBERT BERNIE COFFMAN
FRANK CHARLES CONLEY
EDWARD JOSEPH CORBETT
MARIJANE DAHLEM, with Honors in
Biology
LIBERTY ROSE DANIEL
LEWIS LYMAN DEHNER
EDWARD ROBERT DEZURKO
SHIRLEY MARIE DIEMER
LILLY V. HALEY DOWNING

RUTH DRAKE
LYLE HENRY DREMANN
JOSEPH FRANCIS DUNN
MARY FAE DURST
ROBERT TIGHE ERIE
MELVIN EARL EWING
MILTON JOSEPH FELDMAN, with Honors
in Biology
HELEN IRENE FELEKI
GERTRUDE ELIZABETH FINNEGAN
ARTHUR GILMORE FISH
JOSEPHINE MAE FORRESTER
MARIANNA MAXWELL FOWLER
ROSALIA LOUISE FREDA
E. MARLOWE FREEBURG
VIRGINIA JACQUELINE FREELAND
MINNIE FRIEDLANDER
HELEN LOUISE FUHR
SHIRLEY GAILLEN
RUTH MARY GALLAGHER
ELEANOR MAY GARM
NADINE HILMA GOGGIN
GEORGE LEROY GRAGG
MARIE CATHERINE GRYCH
ROBERT EDWARD HAEFLER
CLEO ALFREDA HALL
LILLIS FRANCES HALL
HELEN ISABEL HAMILTON
ROBERT LYNN HAMILTON
BILL DONALD HAVILAND
CATHERINE ANN HAWORTH
DONN WALTER HAYES
BERNADINE CATHERINE HETTINGER
GEORGIANNA PENELOPE HOGAN
CARROLL BROWN HOLMAN
WILLIAM HUBERT HOLMAN, with
Honors in Mathematics
MARGARET ROSAN HORAN
OMER CHARLES HOUGHIN
FRANCES LEAH HOWARD
JESSIE HOWARD
JANE HUBBARD
RUSSELL DEANE HUBBERT
ALDENE HUPP
FRANK VALENTINE HUSTON
ELIZABETH JANET HUTCHISON, with
High Honors in Biology
MARY MARGARET INKSTER
LORAIN IRVING JARAND

- WILLIAM MARY JOHNSON
 VERA RUTH JOHNSTON
 RUTH MAE KANE
 MURIEL GLORIA KATZEN
 CHARLOTTE PAULINE KEELER
 MARTHA ELAINE KENNEDY
 MARY ELLEN KENNELLY
 CHARLOTTE EVELYN KEPLINGER
 MARGARET JANE KIMBLE
 THOMAS JAMES KIRBY
 RUTH KIRCHHOFF
 KATHRYN MARIE KIRKHOFF
 JOYCE ALICE KISS
 MILDRED FLORENCE KITZMILLER
 CAROLINE DRUCILLA KNICKLEBINE
 JOSEPH FRANCIS KOENIG
 THADDEUS DENNIS KROLICKI, with
 Honors in Mathematics
 VIRGINIA LANPHAR
 EDYTH LEAH LEBOVITZ
 BETTY JEAN LEGGETT
 ESTHER ROSALIE LILLMAN
 MARY ELIZABETH LIMERICK
 MARGARET HENDRIE LIVINGSTONE
 MARGERY ANN MABREY
 MARY ELIZABETH MANBY
 MARY CAROLYN MARSHALL
 FRANCES GERTRUDE MAYNE
 ANTHONY MICHAEL MAZEIKA
 FREEMAN ERTON MCCONNELL, with
 Honors in English
 TOM MARSHALL MCCONNELL
 MARGARET CATHERINE MCROBERTS
 EVA EFFIE MERADITH
 MAX UNDERWOOD METCALF
 RUTHIE NATALIE METZGER
 ZELMA BERNICE METZLER
 BETTY ANN MILLER
 MAYME WANETA MILLER
 MURIEL IDELE MILLER
 ROSE JOSEPHINE MILLER, with Honors
 in French
 MARY ELIZABETH MOHLER
 ROBERT LEROY MOORE
 KATHERINE JEANNE MURRAY
 RUTH ELIZABETH MUSSELMAN
 MARGARET MAE MYERS
 PATRICIA DYAN MYRON
 LOIS JANE NELSON
 WILMA WAVE NEWCOMB
 RAYMOND ELLSWORTH NEWTON
 TOM NISBET
 RUTH EVALINE NORTH
 HELEN DOROTHY NOVARK, with Honors
 in Education
 MAXINE YATES OLIVER
 WOODROW WILSON PACKARD
 LONNIE FERON PARR, JR.
 MARIAN LUCILLE PEARSON, with Honors
 in English
 PHILIP ANTHONY PEZZOLI
 GERTRUDE ROBERTA PFEIL, with Honors
 in Education
 MARY ELIZABETH PHILLIPPE
 JOHN WALTER PHILLIPS, with Honors
 in French
 ANNE LOUISE POTTER
 FLORENCE ANTOINETTE POWELL
 MARY JOSEPHINE PRATHER
 ROSEMARY PUTTING
 ROBERTA FRANCES RAIKES, with Honors
 in Biology
 ETHEL LOUISE REICHERT
 VICTOR CHARLES REICHERT
 REUBEN ALFRED REINGARDT
 MARGUERITE ADELINE REMILLARD
 WALTER JOHN REYSEN
 JOHN AVERIL RICHARD
 BETTY JANE ROE
 KATHERINE ROPIEQUET, with Honors
 in Education
 SHIRLEY ETHRAE ROSS
 RUTH ELIZABETH ROTH
 IRMA SOPHIA SANCKEN
 SOPHIA ELIZABETH SANDERS
 RUTH LOUISE SANDS
 PEARL SCHROEDER
 VIRGINIA JEAN SCHULTE, with Honors
 in Education and History
 CARY ELIZABETH SCHUYLER
 KATHRYN MABEL SCOTT
 SAMUEL NATHAN SHAPIRO
 ESTHER IRENE SHEEHY
 ELEANOR MARY SHERIDAN
 PHYLITA ELLEN SHINNEMAN
 JOSEPH CLARENCE SIBIGTROTH
 FRANK JOSEPH SKOFF, with Honors in
 English
 EVA ZELLA SMILEY
 LEROY ARTHUR SNYDER
 CHARLOTTE NAOMI SOBLE
 HARRIET LOUISE SOLOMON
 GLADYS EILEEN SPARKS
 AARON SPOLIN
 ROSE MARY STIARWALT
 ROBERTA MARY STRONG
 HOWARD WILLIAM STUEBNER
 MARY DENISE SULLIVAN
 ANN JEANNETTE THILMONY
 JOHN BAINBRIDGE THUNE, with Honors
 in Education
 PHYLLIS MAXINE TILLITSON
 WILLIAM EVERETT TRUCE
 ROBERT FRANCIS TURNER
 LENORE JOANNE UFES
 JOSEPH DRAYCOTT UNWIN
 ALICE JUNE VAN DE VENTER
 CHARLOTTE CRACKEL VAN HOUTEN
 JEANNE VAN PETTEN
 ROSE VISONA
 ROBERT BRUCE WATSON
 BARBARA JEAN WECHTER

KENNETH EARL WEGNER
 ROBERT JOSEPH WEHRLI
 RUTH WEINER
 THOMAS ALBERT WEIR
 MARY JEANETTE WELTY
 DOROTHY ESTHER WESTBERG
 HILDA MINNETTE WETZEL
 ROGER WRIGHT WILLIAMS
 WILLARD WAYNE WITTE
 DORIS EVELYN WITTMANN

BETTY WOLLER
 CAROLINE MILLER WRIGHT
 LEAH AURA YOUNG
 MARY JANE ZAHNEN
 ROGER LEE ZELLER
 SOLOMON S. ZEVIN
 MARY ALICE ZIELINSKI
 KENNETH WALTER ZIMMERMAN
 DOROTHY JANE ZOERN

In Agricultural Education

ELDEN ARTHUR CRUMP
 MORTON WALTER EVANS

HOMER LEWIS PRICE
 OSCAR ERIC SWANSON

In Home Economics Education

WAVENELLE VERA COLE
 MARTHA ELIZABETH PARKER, with
 Honors in Home Economics

HELEN RUTH STARCK
 VIRGINIA LELA TRAPPE

In Industrial Education

JOHN ALEXANDER FUZAK
 DAVID EDWARD GRAF
 WILLIAM EDWARD NAGEL

PAUL PACILIO
 LOUIS ALBERT PILLER
 WALTER EVERETTE WEFFENSTETTE

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

DONALD ERNEST ANDERSON, with
 Honors
 JOHN SPENCER CUNNINGHAM
 CHARLES THOMAS DONEGAN
 NELLO FARNETI
 WILLARD CLARENCE HART, with Honors
 CHRISTOPHER DEJEAN HERCULES, with
 High Honors
 FREDERICK JOHN HOEPPNER
 BERNARD EDWARD KINSOCK
 KENNETH IRVING CHARLES KNUDSON

JOHN EDWARD MARTIN
 OTIS JENNINGS MCCOY
 JOHN BERT PALMER, with Honors
 HOWARD EMERSON PHILLIPS, with
 Honors
 RONALD MILTON PORTEOUS
 ANDREW BUDGE REID
 HAROLD NATHAN SCHNEIDER
 CHARLES JEROME SCHREIBER
 RICHARD BURDETTE WILLIAMS

In Architecture

CORWIN L. BOOTH
 BERNARD ANTHONY BRUNETTI
 PAUL RADER CAMPAGNA
 GLENN ALLEN GALAWAY
 GEORGE FRANCIS HIGGINS
 ERIC JOHN THOMAS JAUCH
 CHARLES MADISON PULLEY
 SAMUEL ERNEST SANNER

LEONARD MAX SCHOBBER, with High
 Honors
 GEORGE FREDERICK SCHREIBER, JR.
 ERIC WILBURN SMITH, JR.
 LAWRENCE LATTIN SMITH
 ALBERT THORNTON SMITHSON, JR.
 LAMBERT JAMES SOUCEK
 FRED CARTER WILLIAMS

In Music Education

VERA DOROTHEA BRITTON
 RUTH-HELEN BURLISON, with High
 Honors

STELLA MAE CHITTUM
 ANNE RAE COHEN
 RALPH FIORENTINI, with Honors

JANET FLENTJE
 NORMAN ALBERT GOLDBERG
 HAGIN PERRY HARPER
 MARJORIE NELLE JOHNSON
 BERNHARDT MAX KUSCHEL
 JAMES GORDON PETTIGREW
 WILSON JAY PONTIUS
 ELIZABETH MABLE SCHEDDELL
 HASKELL ORLANDO SEXTON, with High
 Honors

RALPH EDWIN SHANK
 HOWARD GRANT SMART
 MARIANNE MAXINE STEPHENS
 HAROLD PALMER TOOMBS
 JOSEPH ISAIAH TURNER
 MARJORIE GENEVIEVE WARD, with
 Honors
 LEWIS KENNETH ZERBY, with Honors

Degree of Bachelor of Music

MILES C. HARTLEY, with High Honors	GLEN CYRUS STEWART
DONALD LAWRENCE PFOHL	GEORGE MITCHELL TURMAIL, with
LEE ANTHONY PIZZUTO	Honors
BIRUTE ELIZABETH SARPALIUS	KEITH LEROY WILSON, with High
RACHEL LOUISE SMITH, with High	Honors
Honors	

Degree of Bachelor of Fine Arts

In Art Education

DAVID EDWIN BERNARD	FREDA SARA ANN BORDEN, with
MARGARET HANETTA BERR, with	Honors
Honors	SARA MILDRED CRONKHITE

In Commercial Design

MARTHA ANN HUFF, with Honors	JULIUS SARTORIS
LOUIS SVEN PETERSEN	

In Industrial Design

DUDLEY CRAWFORD PULLIAM, with
 Honors

In Landscape Architecture

ALTON RALPH FISHER	HARRIS JOSEPH MULRONEY
JOHN FRANCIS HENRY LONERGAN	ROBERT LAFOLLETTE ZANDER
EUGENE RICHARD MARTINI, with High	
Honors	

In Landscape Architecture, City Planning Option

ROY WHITTAKER CLOUGH

In Painting

MARGUERITE DOLCH	NEIL ELWAYNE KELSEY
BEULAH PAULINE FEATHERSTONE, with	EDITH WARRICK SQUIRES
High Honors	MARY LOUISE STROHL
ELOISE MARGARET ISLEY, with Honors	

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

HAROLD KAMPF ADAMS	MACK HUDSON BOOZE
PHYLLIS JOYCE ANTILLA	EDWARD RICHARD BORMAN
ROBERT PAUL BOERS	JOHN ANDREW BOWMAN

BERNICE EVELYN BRADY
 RODNEY JOSEPH BRENNER
 EDWIN GEORGE RICHARD BRUELL
 DAVID RIEDINGER BUSCHMAN, with
 Honors
 WILLIAM WALKER CASSELL, with
 Honors
 CARL PEDEN CRONINGER
 CHARLOTTE SELMA CUSHMAN
 STANLEY RAY DALLAS
 JAMES WILLIAM DU MOLIN
 HOWARD STANLEY ELLMORE
 LORIN ASHLEY ELLSWORTH
 WALTER NEWTON FORESTER
 VIRGINIA O'DEAR FRANK, with Honors
 JOHN FRANCIS FROEHLICH
 WILLIAM ROBERT GERLER
 NORMA JEAN GILLINGHAM, with Honors
 FRANKLIN ELMORE GLASS, with Honors
 RICHARD LESLIE GORDON
 WILLIAM BERNARD GRUMLEY
 ROBERT LESLIE HARDAKER
 HARRELL RINGO HOFFMAN
 WILLIAM BENNETT HUGILL
 JAMES WOODROW INGRAM
 STANLEY AMOS JONES
 HOWARD MARLIN LANDWEHR
 JACK DUDLEY LAWLER
 MARTHA ALBERTA MAIER
 ELMER MARTIN, JR.

OLIVE LORRAINE MARTIN
 WILMA LA VERNE MCENCROE
 GEORGE WILSON MCFEDRIES
 BETTY MCLALLEN
 NORMAN WILLIAM MISEK
 MARY CATHERINE MOORE
 DANIEL BENEDICT MURPHY
 SARAH IRENE NOVICK
 ARTHUR FRANCIS O'CONNOR, JR.
 EDWARD MICHAEL PAPP
 EUGENE TIMOTHY REEDY
 THALMA-LEE REYNOLDS
 JOHN PATRICK ROGERS
 MARILYN SYLVIA ROMM
 ANNETTA SCHRECK
 ROBERT DOYLE SHAFFER
 MARY ELIZABETH SIHLER
 DONNA GERTRUDE SILKEY
 ELIZABETH LOUISE SMITH
 ROSEMARY FRANCES SMITH
 ALBERTA PAULINE STOCKER
 LOIS ELAINE TANIS
 FRANCIS MORTIMER TAYLOR
 MARY ELIZABETH UTTERBACK
 FRED LAWRENCE VANCE
 MARCIA EOLENE WATSON
 GERALD WAYNE WHITTED
 LOIS JEAN WINTERBERG
 SHIRLEY MAE WOLFSON

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

HIRAM AIKEN, JR.
 JACK BOSWELL
 PAUL WESLEY BROWN
 CLARENCE WEST CLEVELAND
 WAYNE HULBERT CRAWFORD
 MARGARET ELIZABETH FAIRBAIRN, with
 Honors
 CHARLES ELLIOTT FARRINGTON
 MILDRED MARY LOUISE FERES
 MARGERY ANN FLANINGAM
 JUDITH GOLDMAN
 RUTH LEAH GOLDMAN
 GEORGE WILLIAM GREENWOOD
 GLADYS MAE HANSON
 CRANE MARSHALL HEFLIN HORNOR
 MARY JEWELL HOSFORD, with Honors
 JOSEPHINE FA IRELAND
 EARL JANSEN

SHIRLEY DINSMORE KELLER
 MELVIN BENJAMIN KING
 KATHRYN ELEANOR KIPP
 JANE CAROLYN LAURENCE, with High
 Honors
 WESLEY COLEMAN LEVERICH
 VIRGINIA IDA LINDBLAD
 RACHEL NAOMI MEANS
 FRANCIS RUDOLPH MINERT
 ELEANOR RUTH NEWMAN
 JAMES FRANK PLACEK
 CHARLES EDWARD ROGERS
 HARRY A. RUYTER
 DOROTHY JEANNE SCOTT
 WILSON JOE SELDON
 DWIGHT ALLEN SHANKS
 JOSEPHINE AGNES WIPIOR
 THEODORE CHARLES ZAYNER

Degrees Conferred June 9, 1939, in Chicago

COLLEGE OF PHARMACY

Degree of Bachelor of Science

In Pharmacy

JOSEPH BENDA	RAYMOND CONRAD LACZNY
EDWARD BERGER	ELEANOR LEE LEININGER
NATHAN HAROLD BRIN	PHILIP A. LERMAN
BERNARD BENJAMIN BRODY, Ph.C., 1930; LL.B., Chicago-Kent College of Law, 1937	LOUIS LEVENSBAUM
RUDOLPH BROMBERG	ANTOINETTE MARIE LIZZADRO
JOSEPH FRANK CELER	JOHN FRANCIS MANNING
JOHN JOSEPH CERMAK, Jr.	FRANCIS ANTHONY MLADINOV
EDNAMEA CHAPMAN	BRUNO ROBERT MODZELEWSKI
JACK CHESTER	CHARLES JOSEPH MRAZEK, JR.
BOLESLAUS THEODORE CIENCIWA	HUBERT JOSEPH NUDD
MARTIN HENRY COHEN	JOSEPH BERNARD PARA
RICHARD LUTHER CROSS	THOMAS MICHAEL PAYNE
ISADORE EDWIN CUTLER	GORDON DALE RAMSAY
THOMAS CHRIS DABOVICH	JOSEPH ERNEST RIEDL
SOL J. FINKELMAN	LAWRENCE EDWARD ROOK
MYLON O. FISHER	PHILIP D. ROSEN
EDWARD FRIED	MICHAEL ANTON SACAKUSIS
EMILE H. GERCHENSON	ISADORE SILBERMAN, with Honors
WALTER LAWRENCE GRIFFITH	SISTER MARY GRACE KUJAWA, Ph.B., De Paul University, 1933
ALBERT PETER HELMSATH, with Honors	BEN ISADORE SMALLER, with High Honors
JOHN WILCOX HENDRICKS	JOSEPH LOUIS SOKOLOV
BEN HERMAN	GEORGE SOROKIN
SIRYL VIRGINIA HOMANN	MOREY JAMES SPIVAK
EMANUEL JOSEPH KAUCKY	DANIEL OLLIE STEVENS
ALBERT MATHEW KEEFER	SAM TENNER
JACOB THOMAS KEEFER	VICTOR LENNES THRELKELD
JULIUS CARL KLOTZ	CARL WILLIAM WEBER, with Honors
FRANK KOZLICKI	MELVIN WEINSTEIN
IRVING KRAVETS	ALECK ZEITZ
BERNARD KRUGLY	JOHN JOSEPH ZUGICH

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

In Dentistry

GEORGE HERMAN BELKIN, A.B., University of Alabama, 1936	FRANKLIN FREDERICK HULSWIT
GLEN EUGENE BONE	SEYMOUR JOSEPH KAPLAN
RUSSELL WILFORD CAULDWELL	WAYNE JOSEPH KINSINGER
HERMAN JOSEPH COHEN, A.B., New York University, 1937	STANLEY MARVIN KOWALSKI
ELMER ARTHUR ECKERT	LEO LEFKOW, A.B., University of Michigan, 1933
ALBERT FERENCZ	BERNARD SAMUEL LEVIN
JESSE GOLDSTEIN	SAMUEL S. LIBBIN
HERBERT FRANCIS HEATON	CHARLES BERNARD McALOON
WALTER MORRIS HOLLANDER	PHILIP JAMES MODJESKI
	FRANK JOSEPH ORLAND

ROSS WILLIAM REMENSNYDER
ARTHUR HULVEI SCHOONDERMARK
MILTON JOSEPH SILOWITZ
ROGER KENNETH STOCKTON

EVERETT LINDSEY UPTON
RUDOLPH GEORGE WEIHE
NORBERT JOHN WILDE
ARSHAG ARTHUR YAKOUBIAN

Degree of Doctor of Dental Surgery

ALFRED BLOCK, A.B., University of
Michigan, 1934; B.S., 1937
JOHN VICTOR BORDEN, B.S., 1938
ALEXANDER DONSHIK, B.S., 1937
MORRIS EIGEN, B.S., 1937
ERIC FALKENSTEIN, Dr.Med.Dent.,
Friedrich-Wilhelms University
at Bonn, 1931
NATHAN HAYNES FEINSTEIN, B.S., 1938
JACK WILLIAM GOODMAN, B.S., 1937
RICHARD HOLIC, B.S., 1937
IRVING JULIAN HOLSTEIN, B.S., 1937
FRANKLIN ANDREW JOHNSON, B.S., 1937

HAROLD KASDEN, B.S., College of the
City of New York, 1935
MAURY MASSLER, B.S., New York
University, 1932, with Honors
HENRY STANLEY RADZIEWICZ, A.B.,
New York University, 1935;
B.S., 1937
JAMES EUGENE SAYLER, B.S., 1938
ABRAHAM SILVERSTEIN, B.S., 1937
SOLOMON I. SMITH, B.S., 1937
WILLIAM ROBERT STANMEYER, B.S., 1937
ROGER KENNETH STOCKTON
EDWARD JOSEPH SULLIVAN, B.S., 1937

COLLEGE OF MEDICINE

Degree of Bachelor of Science

In Medicine

RAYMOND HENRY ABRAMS
ARMAND DORRANCE ALBRECHT
WILLIAM APPEL
HERBERT ISADORE ARBEITER
MARVIN ARENSTEIN
THEODORE BENELL
LESLIE MATHEW BODNAR
LOREN MCCLELLAN BOON
CTIMIR SILAS BRAZDA, D.D.S., Chicago
College of Dental Surgery, 1925
HAROLD LOUIS BRISKIN
DONALD LARUE BRUBAKER
MERTON ERVIN BURHANS
WILLIAM JOSEPH BUTLER, with Honors
ALFRED GEORGE CHIONE
JOHN SHELDON CLARK, JR.
ALBERT COHAN
JAMES THOMAS CUNNINGHAM
LAWRENCE DERENNE
ALFRED ARON DIAMOND, with Honors
JAMES THEODORE DONOSKY
ARNOLD PLAINE DRUCKER
JOHN GATES ERSFELD
EDITH FARR
JAMES BRIERTON FLANAGAN
SAM FOGELHUT
SAMUEL HENRY FRAERMAN
ALEX GERBER
ROBERT GINSBERG
LOYD ARION GITTELSON, with Honors
EDWARD JAMES GIUNTA
MILTON L. GOLDBERG, with Honors
BERNARD GOMBERG

HARRY YERKES GREELEY
ROBERT LESLIE GRISSOM, with Honors
MARC HALE HOLLENDER
ROBERT MARTIN HOUSE
ALLEN CHARLES HREJSA
SAMUEL RICHARD JOSEPH
SELMA KADERMAN
SIDNEY CHARLES KAHN
SIDNEY JOSEPH KAPLAN
WILLIAM FRANCIS KIELY
HERBERT WOLFGANG KORNGOLD
CHARLES TASH LANE, B.S., 1936
HENRY MICHAEL LEVINSON
PHILIP JOSEPH LOPRESTI
SAMUEL SIDNEY LYON
EDWARD VALENTINE MADEJCZYK, with
Honors
ROBERT ARTHUR MILROY
IVOR HUGH MORRIS, JR.
LELAND JAMES MORTENSON
JACK ARTHUR MOSKOVITZ
JOSHUA ODEN, JR.
IRVING ROBERT OHRENSTEIN
JOSEPH FRANK ORRICO
MARVIN PERSHING PADORR
ROY FRANK PERKINS, with High
Honors
WALTER JOHN PIOTROWSKI
ESTHER RUTH PRIZER, with Honors
GEORGE WASHINGTON POST, IV
SAMUEL PAUL ROARK, B.S., University
of Notre Dame, 1937
ARTHUR ATTILIO RODRIQUEZ

JACK RODRIQUEZ
 JASPER NEWTON ROSS
 LAURENCE HYMAN RUBENSTEIN, with
 Honors
 LESTER HOWARD RUDY
 TRUMAN BENJAMIN SCHERTZ
 EDWARD JACOB SCHWARTZ
 ADRIAN RUSSELL MAGILL SEARS
 ALVIN SELTZER, with High Honors
 SIDNEY JOHN SHAFER
 AVIVA SILBERT
 EMANUEL M. SKOLNIK
 HERBERT PEARL SLOAN
 JOSEPH LOUIS SPEZIA
 GEORGIA AGNES STANCIC

RICHARD MITTEN STEINBERG, with High
 Honors
 WILLIAM STEINMAN
 ROBERT FRED STOKES, with Honors
 HERMAN HULL STONE
 MARVIN HAROLD STRICK
 LAWRENCE KIMBROUGH TAYLOR
 HAROLD FORREST TRAFTON, with
 Honors
 GEORGE HUGH WALLER, JR.
 SHIRLEY SARAH WAXLER
 JULIUS JAKLE WEINBERG
 LEON HERBERT WEISS
 ALVIN ALLEN ZEMAN

Certificate in Medicine

MORRIS ARAN ADLAND, B.S., 1937
 DONALD WILLIAM ANDERSON, B.S., 1937
 STANLEY EDWARD ANDERSON, B.S., 1937
 G. WILLIAM ARENDS, B.S., 1937
 SODDIE JAMES BARKETT, B.S., 1937
 ADOLPH BARTOLI, JR., B.S., 1937
 LEONARD ALBERT BECKER, A.B., B.S.,
 1937
 ROBERT ARCHIE BEEBE, B.S., 1937
 PAUL BINDER, B.S., 1937
 JACK JAMES BOCIAN, B.S., 1937
 EMMERT GEORGE BOEKE, B.S., 1937
 GEORGE BORSHEVSKY, B.S., 1939
 GEORGE JOSEPH BREHIS, B.S., 1937, with
 Honors
 THEODORE WALLINGFORD BROWN, B.S.,
 1937
 WILLIAM JOHN BROWN, B.S., 1937
 ALEXANDER MAURICE BUCHHOLZ, B.S.,
 1937
 JOSEPH HARRY BUCKLEY, B.S., 1937
 MICHAEL JOSEPH CAMPBELL, B.S., 1938
 STEPHEN MATTHEW CHASTEN, B.S.,
 1937
 GEORGE JOSEPH COOPER, B.S., 1937
 RAYMOND FRANCIS CORPE, B.S., Eurcka
 College, 1934
 MELVIN HUGH CROCKER
 THOMAS STEWART CUMMING, B.S., 1937
 DAVID THOMAS CURTIS, B.S., 1937
 EMIL STEPHAN DANISHEK, B.S., 1937
 ALBERT HAROLD DIAMONDSTONE, B.S.,
 1937
 SHELDON EDWARD DOMM, A.B., North
 Central College, 1934; A.M., 1935,
 with Honors
 RALPH MARVIN DORNE, B.S., 1937
 MAURICE JOSEPH DRELL, B.S., 1937
 JACK WALTER DWORIN, B.S., 1937, with
 Honors
 LOUIS EHRLICH, Ph.C., B.S., 1933, 1937
 NORMAN JAMES EHRLICH, B.S., 1937,
 with Honors

HAROLD MARTIN ENGLE, B.S., 1937
 ROBERT BIRGER ENGSTROM, A.B., 1935
 PETER THOMAS ESPOSITO, B.S., 1937
 EDITH FARR
 JAMES CONE FASH, B.S., 1937
 LAWRENCE EDMUND FOSTER, B.S., 1937
 KIEFFER EVANS FRANTZ, B.S., 1937
 LEON PHILIP GARDNER, B.S., 1937
 HAROLD XEN GERBER, B.S., 1937
 NORMAN BYRON GEYER, A.B., Carleton
 College, 1935
 HYMAN HARRY GORDON, B.S., 1937
 JOHN THEODORE GREGORIO
 HAROLD ANTHONY GRIMM, B.S., 1937
 EDWARD STANLEY GROSSMAN, B.S., 1937
 WILLIAM LOUIS GROSSMAN
 NORTON ROBERT GROTH, B.S., 1937
 THRIFT GENE HANKS, B.S., M.S., 1936,
 1937
 FLORENCE EUNICE HART, B.S., 1937
 MELVILLE DANIEL HARTMAN, A.B., 1935
 FRED ALBERT HEIMSTRA, B.S., 1937
 JACK M. HELLMAN
 ROBERT RUDOLPH HERBST
 RAYMOND HOFSTRA, A.B., Calvin Col-
 lege, 1933
 HOWARD RUSSELL HONE, B.S.,
 Wheaton College, 1935, with
 Honors
 ANDREW JEROME HURTER
 REX LEROY ILER, A.B., 1935
 JOHN BAPTIST IORIATTI, B.S., 1937
 ARTHUR ISRAEL JANUS, B.S., Univer-
 sity of Chicago, 1931
 HAROLD HERMAN JOFFE, B.S., 1937
 ALDONA ANN JUSKA, B.S., 1937
 BENJAMIN BARNETT KAPLAN, B.S., Uni-
 versity of Chicago, 1933
 DELBERT CLEO KELLY
 HERMAN GEORGE KLAMKA
 HAROLD TODD KLEIN, A.B., New York
 University, 1936, with Honors
 LOUIS KLEIN, B.S., 1937

- SIDNEY KLEIN, Ph.G., B.S., 1926, 1937
 SIDNEY KLIGERMAN, B.S., 1937
 SYDNEY MAURICE KOLODNY, B.S., 1937
 PAUL KOTIN, B.S., 1937
 CHARLES RUDOLPH KUDOLLA, B.S., 1937
 EDWARD WICKLIFFE KUNCKEL, B.S., 1937
 JOSEPH FRANCIS KUZMA, B.S., 1937
 MORRIS LANG, B.S., 1937
 ISADORE LERNER, B.S., 1937
 PHILIP LERNER, B.S., 1937
 LAWRENCE ARNOLD LEVITIN, B.S., 1937
 ROBERT LIPPERT
 SAMUEL SEBASTIAN LOMBARDO, B.S., 1938
 HOWARD ARTHUR LOWY, Ph.C., B.S., 1934, 1937
 EDWARD STEVEN LUNDGREN
 LAWRENCE STANLEY MANN, B.S., 1937
 COYE CARLTON MASON, B.S., 1937
 DELBERT WESLEY MCKINNEY, B.S., 1937
 JACK WILLIAM MILLIS, B.S., 1938
 JOHN ANTHONY MIRRO, B.S., 1937
 CHAUNCEY LEE MORTON, B.S., 1937
 GEORGE HARLEY MOSELEY, III, A.B., 1936
 CARL ROBERT NEWMAN, B.S., 1936, with Honors
 DOROTHY JEAN NIEDERMAN, B.S., 1937, with Honors
 BENJAMIN FRANCIS NOVACK, B.S., 1937
 ADRIAN ROBERT OLECK
 SEYMOUR LEON OSHER
 AMIEL LEWIS PALERMO, Ph.C., Valparaiso University, 1929; B.S., 1937
 JAMES DONALD PIERCE, B.S., 1938
 EDWARD BERNARD PLATTNER, B.S., 1937, with High Honors
 DAVID MORTON PORTE
 JEROME CASIMIR PRUSINSKI
 ANITA ESTHER RAPOPORT, B.S., Lewis Institute, 1934
 WILLIAM ELON RAPP, B.S., 1939
 FRANK KONDZIORSKI RAYMOND, B.S., 1937
 IRVING MAYNARD REINGOLD, B.S., 1937
 DAVID REST, B.Mus.Ed., Northwestern University, 1931
 GORDON LARAWAY RICHARDS, B.S., 1937
 JULIUS BENJAMIN RICHMOND, B.S., 1937, with Honors
 ROBERT DIXON ROANE, B.S., 1937
 ALBERT R. ROSANOVA, B.S., 1937
 LEO LEIFF ROSEMAN, B.S., 1935
 WILLIAM ELLES RUSSELL, B.S., 1937
 ARTHUR KELLER SALBERG
 FRANCIS JOSEPH SAZAMA, B.S., 1937
 WILLIAM RHINEHART SCHICK
 ISADORE JOSEPH SCHIFF
 MILO HILL SCHOSSER, B.S., 1937
 ADRIAN LEONARD SCHREIBER, B.S., 1937
 MANUEL SCHREIBER, B.S., 1937
 EDWARD EMIL SCHUMACHER, B.S., 1937
 LOUIS SCHWARTZ, B.S., 1938
 MOREY MAX SEGAL
 WILLIAM THURMAN SHAFFER, JR., B.S., 1937
 MAYNARD IRWIN SHAPIRO, B.S., 1937
 THOMAS VICTOR SHIELS
 BENJAMIN FRANKLIN SHIRER, JR., B.S., 1937
 ALBERT JOSEPH SIMON, B.S., 1937, with Honors
 MELVIN SIMONSON, B.S., 1937
 ROBERT RICE SNIVELY, B.S., 1939, with High Honors
 HERMAN C. SPRECHER, B.S., 1937
 BERNARD STRASSMAN, B.S., 1937
 ALBERT SUMNER, B.S., 1937
 EVERT ANDERS SWENSSON, B.S., 1937
 WILLIAM PORTER SWISHER, B.S., Beloit College, 1935
 LEO TEPPER, B.S., 1936, with Honors
 RALPH STRONG TURNER, B.S., 1937
 GEORGE EDWARD TWENTE, B.S., 1937
 BORIS SERGEI URY, B.S., University of Chicago, 1935
 ROGER ALAN VAN ATTA, B.S., 1937
 LEROY EUGENE WALTER, B.S., 1938
 EDWARD FRANCIS WEBB
 HOMER FAUQUIER WEIR, A.B., 1935, with Honors
 PHILIP THOMAS WEISBACH, JR., B.S., 1937
 HENRY SOL WEISKOPF, B.S., 1937
 ALVIN WEISS, B.S., 1937
 IRVING WEISSMAN, B.S., 1938
 CARL ELMER WESTMARK, B.S., 1938
 EVELYN MARTHA WITTHOFF, B.S., 1937
 LADDIE WALTER ZEMAN, B.S., 1937
 WILLIAM JOSEPH ZIMRING, B.S., 1937
 IRVING HERMAN ZITMAN, B.S., 1937, with High Honors

Degree of Bachelor of Medicine

- CORNELL LEONARD DERENGOSKI, B.S., Notre Dame University, 1934
 JOHN STEPHEN MARTIN, Ph.G., B.S., 1926, 1937, with Honors
 EUGENE SPIERER, B.S., 1937
 HAROLD ISRAEL TARRE
 GLENN CLARENCE WOLF, A.B., 1936

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Anatomy

RUSSELL LOWELL MIXTER, A.B., Wheaton College, 1928; M.S., Michigan State College, 1930

Degree of Master of Science

In Bacteriology

CHARLES HARRISON HARF, B.S., Illinois Wesleyan University, 1936
GLENN CLARENCE WOLF, A.B., 1936

In Dental Histology

FRED HERZBERG, B.S., D.D.S., Northwestern University, 1932
MURRAY MITCHELL HOFFMAN, B.S., D.D.S., 1935, 1937

In Medicine

GEORGE JOSEPH BREBIS, B.S., 1937

In Neurology and Neurological Surgery

DAVID REST, B.Mus.Ed., Northwestern University, 1931
BORIS SERGEI URY, B.S., University of Chicago, 1935

In Obstetrics and Gynecology

GEORGE FIELDING HIBBERT, B.S., University of Chicago, 1918; M.D., Rush Medical College, 1921

In Orthodontia

JAMES WILLIAM ADAMS, D.D.S., Ohio State University, 1936

In Pathology

ROY DUPONT TEMPLETON, B.S., University of Chicago, 1923

In Pediatrics

JOHN STEPHEN MARTIN, Ph.G., B.S., 1926, 1937
HOMER FAUQUIER WEIR, A.B., 1935

In Physiological Chemistry

HAROLD ROBERT COHEN, B.S., University of Chicago, 1938
NORMAN JAMES EHRLICH, B.S., 1937
HAROLD XEN GERBER, B.S., 1937
RUTH VIRGINIA MADISON, B.S., 1937
LAWRENCE STANLEY MANN, B.S., 1937
LEO JOSEPH NOVAK, A.B., 1935

In Physiology

ADOLPH BARTOLI, JR., B.S., 1937
HERMAN PAUL CARSTENS, B.S., University of Chicago, 1932
MARY CORNELIA PATRAS, B.S., M.D., Loyola University, 1932, 1935
EDWARD BERNARD PLATTNER, B.S., 1937
JULIUS BENJAMIN RICHMOND, B.S., 1937

DEGREE OF DOCTOR OF MEDICINE

The Secretary presented also for record the following list of degrees of Doctor of Medicine conferred from January 1 to July 1, 1939, inclusive.

EDMUND ROY ADLER, B.S., 1936..... July 1, 1939
MEYER STANLEY ALBIN..... June 15, 1939

CLIFFORD WORDEN ATHERTON.....	July 1, 1939
JACK MARK BAILIS, B.S., 1937.....	July 1, 1939
HARRY E. BARNETT, B.S., 1936.....	July 1, 1939
RAYMOND EMANUEL BENSON, B.S., 1937.....	July 1, 1939
SAMUEL BERGER, B.S., 1936.....	July 1, 1939
RALPH CARL BERKELHAMER, B.S., 1936.....	July 1, 1939
JOHN AUGUST BOWMAN, JR., B.S., 1936.....	July 1, 1939
JACK E. BROOKS, B.S., 1936.....	July 1, 1939
GEORGE WHITHAM CARLIN, A.B., B.S., 1935, 1936.....	July 1, 1939
HORACE PEARSE CHRISTIAN, B.S., 1937.....	July 1, 1939
ROBERT ELMER COHENOUR, B.S., 1936.....	July 1, 1939
ARNOLD MELVIN COHN, B.S., 1937.....	June 11, 1939
BERNARD I. COOPERSMITH, B.S., 1936.....	With Honors, July 1, 1939
PATRICK THOMAS DOLAN, JR., B.S., 1936.....	June 11, 1939
EDMUND ROCHE DONOGHUE, B.S., 1936.....	July 1, 1939
VICTOR MURPHY DORRIS, B.S., 1936.....	July 1, 1939
DESALES GUILLAUME DUVIGNEAUD, B.S., 1936.....	July 1, 1939
FREDERICK LE ROY EAGLESTON, JR., B.S., B.M., 1937, 1938.....	July 1, 1939
ALFRED STUART EHRLICH, B.S., B.M., 1936, 1938.....	July 1, 1939
HAROLD EINHORN.....	July 1, 1939
ROBERT ALAN FANTUS, B.S., 1936.....	July 1, 1939
EDWARD GEORGE FELDMAN, B.S., 1938.....	July 1, 1939
LEAH FISHER, B.S., 1936.....	June 15, 1939
EDMUND ARTHUR FLEXMAN, A.B., Carthage College, 1931.....	July 1, 1939
RICHARD GEORGE FORT, B.S., 1936.....	July 1, 1939
ISADORE FRIEDMAN, B.S., 1936.....	July 1, 1939
JACK FRIEDMAN, B.S., 1936.....	July 1, 1939
LEONARD DAVID FRIEDMAN, B.S., 1936.....	July 1, 1939
ROSE FROMM, B.S., 1936.....	July 1, 1939
SAMUEL THEODORE GERBER, B.S., 1936.....	June 27, 1939
ROBERT MAURICE GOLDSTEIN, Ph.B., University of Chicago, 1932.....	July 1, 1939
RALPH GRADMAN, B.S., 1936.....	With Honors, July 1, 1939
GUS DEVATENOS GREGORY.....	July 1, 1939
MARVIN GRUBMAN, B.S., 1936.....	With Honors, July 1, 1939
EMIL GUTMAN, B.S. Battle Creek College, 1933.....	June 24, 1939
DOMINIC JOSEPH HAFIKOWSKI, B.S., 1936.....	July 1, 1939
EARL DOUGLAS HAMILTON, B.S., 1936.....	July 1, 1939
IRVING HANDWERGER, B.S., 1936.....	July 1, 1939
MARTIN FRANKLIN HANSON, B.S., 1936.....	July 1, 1939
ROBERT DEAN HART, B.S., 1937.....	July 1, 1939
JACK TILDEN HASKINS, B.S., 1936.....	July 1, 1939
JAMES CHARLES HAVRANEK, B.S., 1936.....	June 27, 1939
ROWINE MAE HAYES, B.S., 1938.....	July 1, 1939
WALTER GEORGE HAYNES, B.S., 1938.....	July 1, 1939
LORING SMITH HELFRICH, B.S., Knox College, 1932; M.S. 1938.....	July 1, 1939
CECILIA MARIAN HELLRUNG, A.B., 1935.....	July 1, 1939
HAROLD HERRON, B.S., 1936.....	July 1, 1939
MILTON HERZBERG, B.S., 1936.....	July 1, 1939
LOUIS JOSEPH HLAVACEK, B.S., Lewis Institute, 1930.....	July 1, 1939
MORIS HORWITZ, B.S., 1936.....	June 11, 1939
WAYNE COX HOWARD, B.S., 1934.....	July 1, 1939
EDWARD PACE IRONS.....	July 1, 1939
NICHOLAS VICTOR IUPPA, B.M., 1938.....	July 1, 1939
ROBERT JOSEPH JENSIK, B.S., M.S., 1936, 1938.....	With Honors, June 15, 1939
JEROME KAISER, B.S., 1936.....	July 1, 1939
KARLTON HUBERT KEMP, B.S., 1938.....	July 1, 1939
WILLARD Z. KERMAN, B.S., 1936.....	July 1, 1939
MAX EDWARD KLEIN, B.S., 1937.....	July 1, 1939
MEYER KRUGLIK, B.S., 1936.....	July 1, 1939
EDWARD HOWARD LAMBERT, B.S., M.S., 1936, 1938.....	With High Honors, July 1, 1939
LOUIS SANFORD LAPID, B.S., 1936.....	July 1, 1939

SYDNEY ALEXANDER LERNER, B.S., 1937.....	July 1, 1939
CARLETON WALTER LEVERENZ, Ph.G., B.S., 1925, 1938.....	July 1, 1939
JEROME JACK LUBIN, B.S., 1936.....	July 1, 1939
LOUIS MALOW, B.S., 1936.....	July 1, 1939
GERALD JOSEPH MENAKER, B.S., 1936.....	June 11, 1939
RUSSELL JOHN MERRET, B.M., 1938.....	July 1, 1939
HERBERT SAMUEL MILLER, B.S., 1936.....	July 1, 1939
BERNARD EDWARD MOISANT, B.S., 1936.....	July 1, 1939
GEORGE ENSLEY MOORE, A.B., Illinois College 1934; B.S., 1936.....	July 1, 1939
GEORGE EDWARD MORGAN, B.S., 1938.....	July 1, 1939
EDWARD JOSEPH NAGODA, B.S., 1938.....	July 1, 1939
HARRY DEWITT NESMITH, B.S., 1937.....	July 1, 1939
HENRY JOSEPH NOWAK, B.S., Lewis Institute, 1934.....	July 1, 1939
JOHN WILLIAM O'CONNOR.....	July 1, 1939
STANLEY WILLIAM OLSON, B.S., Wheaton College, 1934.....	July 1, 1939
With High Honors, July 1, 1939	
ROY LEE PATTERSON, B.S., B.M., 1938.....	July 1, 1939
ANTONIE SHIRLEY PETKUS, B.S., 1937.....	July 1, 1939
HARRY NICK PETRAKOS, B.S., 1936.....	July 1, 1939
WILLIAM NELSON PIPER, JR., B.S., 1936.....	July 1, 1939
KENNETH LEWIS PISTORIUS, B.S., 1936.....	July 1, 1939
FRANKLIN FRED PREMUDA, A.B., 1931.....	July 1, 1939
JOHN COMPTON PURVEY.....	July 1, 1939
WAYNE REESER, B.S., 1935.....	July 1, 1939
WILLIAM HENRY REQUARTH.....	July 1, 1939
HENRY RICEWASSER, A.B., B.S., B.M., 1934, 1936, 1938.....	July 1, 1939
MARION MASTERS RICKETTS, JR., B.S., 1936.....	July 1, 1939
HAROLD JEROME ROTHENBERG, B.S., 1936.....	July 1, 1939
OSCAR RUSHAKOFF, B.S., 1936.....	July 1, 1939
ROBERT EMERSON RYDE, B.S., 1938.....	June 24, 1939
ANDREW A. SANDOR, B.S., University of Chicago, 1934.....	July 1, 1939
WILLIAM FARTHING SARGENT, B.S., 1938.....	July 1, 1939
BERNARD J. SCHAFER, B.S., 1938.....	July 1, 1939
MERLE HAROLD SCHWARTZ, A.B., Bluffton College, 1933.....	July 1, 1939
JOHN WESLEY SHEAGREN, B.S., 1936.....	June 15, 1939
MYER SHULMAN.....	July 1, 1939
FREDERICK GLEADALL SIMPSON, B.S., 1936.....	June 15, 1939
FANNIE FINKELSTEIN SKOLNIK, B.S., 1936.....	With Honors, July 1, 1939
LESTER LAWRENCE SMITH, A.B., Bradley Polytechnic Institute, 1934.....	July 1, 1939
MILTON JEROME SNEIDER, B.S., 1936.....	July 1, 1939
SAMUEL B. SPIRA, B.S., 1935.....	July 1, 1939
PHILIP E. STAHL.....	July 1, 1939
HENRY FRED STEINBOCK, B.S., 1936.....	July 1, 1939
JOSEPH FRANCIS STEININGER, B.S., 1936.....	June 15, 1939
MARK LEO STONE, B.S., 1936.....	June 15, 1939
CHARLES HENRY STUBENKAUCH, JR., B.S., M.S., 1936, 1938.....	June 15, 1939
With High Honors, June 15, 1939	
ALBERT FREDERICK ROY SWATEK, B.S., 1936.....	June 15, 1939
CAESAR SWEITZER, B.S., Northwestern University, 1931.....	July 1, 1939
SYDNEY WILLIAM TAUBER, B.S., 1936.....	July 1, 1939
JACK TAYLOR.....	July 1, 1939
SIDNEY MERRILL TEPPER, B.S., 1936.....	July 1, 1939
ANNETTE VIOLA TESARIK, B.S., 1936.....	July 1, 1939
GEORGE FREDERICK VON ASCH, B.S., 1936.....	With Honors, July 1, 1939
MERRILL WEINERT WAGNER.....	June 27, 1939
JOHN KEAY WALLACE, II, B.S., 1936.....	June 15, 1939
JACOB WALTER, B.S., 1936.....	June 15, 1939
GEORGE NORMAN WANIATA, B.S., Armour Institute of Technology, 1931; B.M., 1938.....	July 1, 1939
ARNOLD HARRIS WARSHALL, B.S., 1936.....	July 1, 1939
BENJAMIN ABRA WEINBERG, B.S., 1936.....	June 22, 1939

ROY CYRIL WEINSTEIN, B.S., 1936.....	July 1, 1939
JEROME WEINTRAUB.....	July 1, 1939
CHARLES GILBERT WEISSMAN, B.S., 1936.....	June 11, 1939
GEORGE JOSEPH WIENMAN, B.S., 1936.....	July 1, 1939
FRED MILLER WILLIAMS, B.S., 1936.....	July 1, 1939
IRWIN FOX WILLIGER, B.S., 1936.....	July 1, 1939
SCOTTIE JACKSON WILSON, B.S., 1934.....	July 1, 1939
KENNETH JOHN WINTERS, A.B., University of Dubuque, 1934.....	June 15, 1939
WARREN ASHLEY YEMM, B.S., 1936.....	July 1, 1939

SECRETARY'S REPORT OF CONTRACTS AND DEED

The Secretary presented also 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.

CONTRACTS			
<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
Robert Gordon, Inc.	January 9, 1939	\$169 561	Heating, ventilating, and air conditioning—Gregory Hall
Otis Elevator Company	June 1, 1939	1 305	Alterations to elevator entrance units—Horticulture Field Laboratory
Westinghouse Electric Elevator Company	June 1, 1939	944	Alterations to elevator entrance units—Smith Memorial Hall
DEED			
W. H. Alvis	May 26, 1939	2 790	Land in Benton, Franklin County, Illinois (part of Hart farm)

APPOINTMENTS MADE BY THE PRESIDENT

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

Ahrens, E. A., to give instruction in Sociology, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of three hundred fifty dollars (\$350) for the session. (June 9, 1939)¹

Birkhimer, Theodore A., Special Research Assistant in Animal Nutrition, in the Department of Animal Husbandry, in the Agricultural Experiment Station, beginning June 12, 1939, and continuing until further notice, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (June 22, 1939)

Boyd, Mrs. Ella F., Director of Social Activities in the Mary E. Busey Hall, for the Summer Session of 1939, beginning July 1, 1939, and continuing through August 31, 1939, at a cash compensation at the rate of sixty-five dollars (\$65) a month, with maintenance, including living quarters, board, and personal laundry, while on duty. (June 23, 1939)

Brewer, Mrs. Helen, Assistant Teacher in the Nursery School, on one-half time, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 14, 1939)

Cole, Robert H., Illinois Bankers' Association Fellow in Economics, for ten months beginning September 1, 1939, at a stipendium of five hundred dollars (\$500). (June 16, 1939)

Diehl, Helen Jane, Assistant Teacher in the Nursery School, on one-half time, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 14, 1939)

Freeman, Catherine Elizabeth, Assistant Teacher in the Nursery School, on one-half time, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 14, 1939)

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

Glasscock, Raymond Sylvester, Special Research Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, beginning July 1, 1939, and continuing through August 15, 1939, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 17, 1939)

Howe, Gertrude E., Assistant in Pharmacology, in the College of Medicine, beginning June 1, 1939, and continuing through August 31, 1939, without salary. (June 14, 1939)

Kibbey, D. E., to give instruction in Mathematics, on one-half time, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 22, 1939)

King, B. W., Jr., Special Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, beginning July 1, 1939, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month (this supersedes his previous appointment). (July 6, 1939)

Lowe, Keith Carson, Special Research Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, for one year beginning July 1, 1939, at a cash compensation of one thousand eight hundred dollars (\$1,800). (June 16, 1939)

McVey, Emerson King, Clinical Assistant in Pediatrics, in the College of Medicine, beginning July 1, 1939, and continuing through August 31, 1939, without salary. (July 7, 1939)

Miller, Stuart William, Assistant in Horticulture, in the Agricultural Experiment Station, beginning July 16, 1939, and continuing through September 15, 1939, at a cash compensation at the rate of one hundred dollars (\$100) a month; on one-half time beginning September 16, 1939, and continuing through June 15, 1940, at a cash compensation at the rate of sixty dollars (\$60) a month, and on full time beginning June 16, 1940, and continuing through June 30, 1940, at a cash compensation at the rate of one hundred dollars (\$100) a month. (July 12, 1939)

Mulvihill, Donald, to give instruction in Business Organization and Operation, on three-fifths time, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of one hundred fifty dollars (\$150) for the session. (June 9, 1939)

Quigley, Edwards M., Supply Officer in the Military Department, beginning June 1, 1939, and continuing through August 31, 1939, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 22, 1939)

Reuther, Theodore F., Assistant in Surgery, in the College of Medicine, beginning June 14, 1939, and continuing through August 31, 1939, without salary. (June 23, 1939)

Smith, Mrs. Mabel P., Director of Social Activities in the Laura B. Evans Hall, for the Summer Session of 1939, beginning July 1, 1939, and continuing through August 31, 1939, at a cash compensation at the rate of sixty-five dollars (\$65) a month, with maintenance, including living quarters, board, and personal laundry, while on duty. (June 23, 1939)

Snelling, William Lloyd, Special Research Assistant in Plant Genetics, in the Agricultural Experiment Station, on one-half time, beginning June 15, 1939, and continuing until further notice, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 19, 1939)

Stewart, Ethel L., Teacher in the Nursery School, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of four hundred dollars (\$400) for the session (this supersedes her previous appointment). (June 9, 1939)

Thompson, Donald Gilmore, Special Research Assistant in Plant Genetics, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, beginning June 15, 1939, and continuing until further notice, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 10, 1939)

Van Cleve, Mrs. Mary Mumford, Assistant Teacher in the Nursery School, on one-half time, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 14, 1939)

RESIGNATIONS

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

Arndt, Kathryn, Stenographer in the Department of Agricultural Economics—resignation effective July 4, 1939.

Duerst, Elvin A., Assistant in Agricultural Economics—resignation effective July 1, 1939.

Dyar, John W., Scholar in Economics for the academic year 1939-1940—resignation effective September 1, 1939.

Hopkins, T. R., Jr., to give instruction in Business Organization and Operation in the Summer Session of 1939—resignation effective June 19, 1939.

Hopkins, T. R., Jr., Assistant in Business Organization and Operation—resignation effective June 30, 1939.

Hulett, J. E., Jr., to give instruction in Sociology in the Summer Session of 1939—resignation effective June 19, 1939.

Hurt, B. R., Assistant in Agricultural Economics, in the College of Agriculture—resignation effective July 1, 1939.

Knight, Kenneth Lee, Special Research Assistant in the Agricultural Experiment Station—resignation effective May 31, 1939.

McArthur, Ian S., Assistant in Agricultural Economics, in the Agricultural Experiment Station—resignation effective June 1, 1939.

Morrow, Glenn R., Professor of Philosophy—resignation effective September 1, 1939.

Peterson, Freda A., Extension Specialist in Health, Child Development, and Parent Education, in the Extension Service in Agriculture and Home Economics—resignation effective August 31, 1939.

Pickens, Marjorie, Associate in Home Economics, in the College of Agriculture—resignation effective July 1, 1939.

Roysher, H. B., Instructor in Art—resignation effective July 1, 1939.

Sullivan, Mrs. Margaret C., Instructor in Music—resignation effective July 1, 1939.

White, Mrs. Lena Roberson, Stenographer in the Office of the Dean of the College of Engineering—resignation effective July 10, 1939.

Wyatt, W. J., Assistant Extension Editor, in the Extension Service in Agriculture, and Home Economics—resignation effective August 10, 1939.

The Board adjourned, to meet on call of the President.

H. E. CUNNINGHAM

Secretary

OSCAR G. MAYER

President

MEETING OF THE EXECUTIVE COMMITTEE

AUGUST 3, 1939

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in Chicago, at 2:15 p.m. (Chicago Daylight Saving Time) on the third day of August, 1939. The meeting was called to order by the Chairman of the Committee, Mr. Oscar G. Mayer, and on roll call the following answered present: Mrs. Glenn E. Plumb, Mr. Louis C. Moschel, Mr. Oscar G. Mayer.

After discussion of the offer of the United States of America to amend the contract created by the acceptance by the Board of Trustees of the University of Illinois, through its Executive Committee, of the offer of the United States of America dated June 28, 1938, to aid by way of a grant in financing the construction of a Student Center Building (P.W.A. Project Illinois 1745-F), the following resolution, numbered I, was proposed by Mrs. Plumb and read in full:

RESOLUTION NO. I

A RESOLUTION ACCEPTING THE OFFER OF THE UNITED STATES TO THE
BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS TO AID
BY WAY OF GRANT IN FINANCING THE CONSTRUCTION OF
A STUDENT CENTER BUILDING

Be it resolved by the Executive Committee of the Board of Trustees of the University of Illinois:

Section 1. That the offer of the United States of America to the Board of Trustees of the University of Illinois to amend the contract, created by the acceptance by the Board of Trustees of the original offer of the United States of America dated June 28, 1938, to aid by way of grant in financing the construction of a Student Center Building, a copy of which offer reads as follows:

FEDERAL WORKS AGENCY
PUBLIC WORKS ADMINISTRATION

Washington, D. C.,
Dated: July 26, 1939
Docket No. Ill. 1745-F

Board of Trustees of the University of Illinois, Urbana, Illinois

The United States of America hereby offers to amend the contract created by the acceptance by the Board of Trustees of the University of Illinois, on July 15, 1938, of the Offer made by the United States of America and dated June 28, 1938, by striking out, in Line 10 of Paragraph 1 of said Offer, the figures "\$450,000" and inserting in lieu thereof the figures "\$524,820."

UNITED STATES OF AMERICA
Federal Works Administrator
By E. W. CLARK
Acting Commissioner of Public Works

be and the same is hereby in all respects accepted.

Section 2. That said Board of Trustees of the University of Illinois agrees to abide by all the terms and conditions relating to such grant, as modified, a copy of which terms and conditions was annexed to the Government's original offer and made a part thereof.

Section 3. That the Secretary of the Board and Clerk of the Executive Committee be and he is hereby authorized and directed forthwith to send to the Federal Works Agency three certified extracts from the minutes of this meeting showing the adoption and containing the full text of this resolution.

The above resolution was seconded by Mr. Moschel and was adopted with the following voting aye: Mrs. Plumb, Mr. Moschel, Mr. Mayer; and the following voting nay: none.

The Chairman thereupon declared said resolution carried, and the Secretary of the Board and Clerk of the Executive Committee thereupon signed said resolution in approval thereof.

**UNIT PRICES IN ELECTRICAL CONTRACT FOR
ILLINI UNION BUILDING**

The Physical Plant Department submits the following supplementary schedule of unit prices for fixing cost basis for changes in the contract with the Wadeford Electric Company on the Illini Union Building:

1. $\frac{1}{2}$ " rigid conduit in place.....	\$0 20 per foot
2. $\frac{3}{4}$ " rigid conduit in place.....	0 22 per foot
3. 1" rigid conduit in place.....	0 25 per foot
4. $1\frac{1}{4}$ " rigid conduit in place.....	0 35 per foot
5. $\frac{1}{2}$ " electric metallic tubing in place.....	0 21 per foot
6. $\frac{3}{4}$ " electric metallic tubing in place.....	0 22 per foot
7. No. 12 rubber-covered wire, installed.....	0 03 per foot
8. No. 10 rubber-covered wire, installed.....	0 04 per foot
9. No. 22 A.W.G. twisted pair duct wire, installed.....	0 035 per foot
10. Single-pole switch installed with outlet box and switch plate..	3 50 each
11. Duplex receptacle installed with outlet box and surface plate..	3 00 each
12. Telephone or buzzer outlet installed with outlet box and surface plate.....	2 00 each

These prices will apply in the event additions to or deductions from the work required in the base bid are made. The Federal Works Agency requires formal action by the Board of Trustees establishing these prices.

On motion of Mrs. Plumb, these unit prices were duly authorized; Mr. Moschel, having withdrawn, did not vote.

The Executive Committee adjourned.

H. E. CUNNINGHAM, *Clerk*

OSCAR G. MAYER, *Chairman*
L. C. MOSCHEL
Mrs. GLENN E. PLUMB