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UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

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UNIVERSITY OF ILLINOIS

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TRANSACTIONS  
OF THE  
BOARD OF TRUSTEES

July 23, 1930 to June 11, 1932

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HARRISON EDWARD CUNNINGHAM  
*Secretary*

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**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**July 23, 1930**



The July meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, July 23, 1930. The following members were present: President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of June 19, 1930.

On motion of Mr. Trees, the minutes were approved as printed on pages 611 to 735 above.

**EXECUTIVE COMMITTEE MEETING, JULY 5, 1930**

The Secretary presented for record the minutes of a meeting of the Executive Committee of July 5, 1930.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10:30 a.m. on Saturday, July 5, 1930. Mr. George A. Barr, Chairman, Mr. James W. Armstrong, and Mrs. Laura B. Evans were present, also President Kinley, President Chase, Professor Morey, Comptroller, Professor White, Supervising Architect, and Mr. Hazen S. Capron, Treasurer.

**MATTERS PRESENTED BY PRESIDENT KINLEY**

The Executive Committee considered the following matters presented by the President of the University.

**HART LOAN**

(1) A statement concerning the loan to Mr. M. M. Hart (Minutes, July 17, 1929, page 264).

This report was received for record.

**INVESTMENT OF TRUST FUNDS**

(2) A recommendation from Mr. Trees for the Finance Committee, that trust-fund investments be authorized as follows:

June 30, 1930

*David Kinley, President, University of Illinois*

MY DEAR PRESIDENT KINLEY:

This will acknowledge your letter of June 27. Have conferred with Mr. Fisher and it is our opinion that you should authorize the purchase of the Shively \$4,000, 5½ per cent mortgage due May 1, 1934. We also suggest that you buy \$5,000 units of either of the following issues to make up the balance of the Fund to be invested:

American Smelting and Refining Company  
5 per cent, due 1947  
Mississippi Power Company  
5 per cent first mortgage, due 1951  
Sierra and San Francisco Power Company  
5 per cent first mortgage, due 1949

It seems to me that we are also warranted in selling the \$1,450, 4¼ per cent first Liberty Loan and the \$650 of the fourth Liberty Loan, 4¼ per cent, at the best market prices, investing the proceeds in some other issues comparable to the above.

Sincerely,

MERLE J. TREES

On motion of Mrs. Evans, these investments were authorized as recommended.

**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY**

(3) A recommendation that Mr. Stuart John Templeton of the law firm of Wilson, McIlvaine, Hale, & Templeton, 140 South Dearborn Street, Chicago, be appointed a member of the Board of Examiners in Accountancy for three years from July 1, 1930, to succeed Mr. Herbert Pope, whose term has expired.

On motion of Mrs. Evans, this appointment was made.

**COOPERATIVE INVESTIGATION OF STACK GASES**

(4) A recommendation from the Dean of the College of Engineering for approval of an agreement with the Utilities Research Commission for a cooperative investigation of stack gases by the Engineering Experiment Station. This project will replace an investigation of "Prevention of Corrosion by Flue Gases," which is now being carried on in cooperation with the Commission. This new agreement is drawn for a period of two years beginning July 1, 1930, with the provision that it may be extended for additional periods, and the Commission agrees to pay the University the sum of \$15,000 a year for the expenses of this investigation, \$2,500 being payable when the contract is signed and the remainder in quarterly installments.

This agreement is of the form and character of similar agreements hitherto approved by the Board and I recommend that it be approved.

On motion of Mrs. Evans, this agreement was authorized.

**COOPERATIVE INVESTIGATION OF EFFECT OF GAS ON  
FLUE PIPING AND CHIMNEYS EXTENDED**

(5) A report that on recommendation of the Dean of the College of Engineering an agreement with the Utilities Research Commission for a cooperative investigation of the effect of combustion of gas on flue piping and chimneys has been extended for one year from July 1, 1930.

The original agreement, approved by the Board on May 23, 1928 (Minutes, page 599), expired July 1, 1930. The extension of the contract is on the same terms as the original agreement, which provides for payment of \$7500 a year, or \$1875 a quarter, for the expenses of this investigation.

On motion of Mrs. Evans, this action was confirmed.

**CONTRACT FOR MILITARY UNIFORMS**

(6) A report that the Comptroller has been authorized to conclude a contract with the Associated Military Stores of Chicago for uniforms for advanced course students in the R. O. T. C. at a cost of \$40 each. The expense of these uniforms will be provided for according to the plan approved by the Board of Trustees on May 9, 1930 (Minutes, page 588).

This contract was placed with the Associated Military Stores on the basis of samples of materials submitted by them and other concerns which supply such equipment, the material submitted by the Associated Military Stores having been found to be equal to or superior to any of the others. All proposals were on the basis of \$40 for the uniform and furnishings, this amount being the commutation allowed each student.

On motion of Mrs. Evans, this action was confirmed.

At this point, Mr. Armstrong took his place with the Committee.

**LABORATORY FEES IN THE URBANA DEPARTMENTS  
FOR 1930-31**

(7) The Comptroller and the Provost submit the following schedule of laboratory and other special fees in the Urbana Departments for the year 1930-31. I recommend that the schedule be approved:

*LABORATORY FEES FOR 1930-31—URBANA DEPARTMENTS*

Agronomy 11.....	\$ 3 00	Athletic Coaching 16.....	2 00
Agronomy 13.....	3 00	Athletic Coaching 20.....	1 00
Agronomy 14.....	1 00	Athletic Coaching 30.....	1 00
Agronomy 18a.....	3 00	Athletic Coaching 31.....	1 00
Agronomy 18b.....	3 00	Athletic Coaching 40.....	1 00
Agronomy 18c.....	3 00	Athletic Coaching 41.....	1 00
Agronomy 18d.....	3 00	Athletic Coaching 50.....	3 00
Agronomy 18e.....	3 00		
Agronomy 18f.....	3 00	Bacteriology 5b.....	8 00
Agronomy 18g.....	2 50	Bacteriology 6.....	2 50
Agronomy 18h.....	2 50	Bacteriology 8.....	7 00
Agronomy 18j.....	2 50	Bacteriology 20.....	7 50
Agronomy 18k.....	2 50	Bacteriology 26.....	8 00
Agronomy 22.....	2 00	Bacteriology 106.....	5 00
Agronomy 25.....	2 00		
Agronomy 28.....	3 00	Botany 1.....	2 00
		Botany 2a.....	1 50
Anatomy (see Human Anatomy)		Botany 2b.....	1 50
		Botany 3.....	2 00
Animal Husbandry 41.....	1 00	Botany 5.....	1 00
Animal Husbandry 119.....	5 00	Botany 6.....	1 00

Botany 7.....	2 00	Chemistry 90a-90b (per lab. hr. per semester).....	2 50
Botany 8.....	1 00	Chemistry 91b.....	3 00
Botany 13.....	1 50	Chemistry 97b.....	12 50
Botany 15.....	1 00	Chemistry 102a-102b (per lab. hr. per semester).....	2 50
Botany 16.....	1 50	Chemistry 124 (per lab. hr.).....	2 50
Botany 33 (per hour).....	50	Chemistry 126a (per lab. hr.)....	2 50
Botany 34 (per hour).....	50	Chemistry 127a-127b (per lab. hr.)	2 50
Botany 41.....	1 00	Chemistry 134 (per lab. hr.).....	2 50
Botany 42.....	1 00	Chemistry 152b (per lab. hr.)....	2 50
Botany 43.....	1 50	Chemistry 186a-186b (per lab. hr. per semester).....	2 50
Botany 44.....	1 50	Chemistry 190a-190b (per lab. hr. per semester, maximum \$12 50)	2 50
Botany 45.....	3 00	Civil Engineering 27.....	1 00
Botany 46.....	1 00	Civil Engineering 28.....	1 00
Botany 47.....	1 50	Civil Engineering 30.....	1 00
Botany 55.....	1 00	Civil Engineering 31.....	1 00
Botany 56.....	1 00	Civil Engineering 32.....	1 00
Botany 60.....	1 00	Civil Engineering 34.....	1 00
Botany 70 (per hour).....	50	Civil Engineering 36.....	1 00
Botany 77 (per hour).....	50	Civil Engineering 37.....	1 50
Botany 79.....	1 00	Civil Engineering 42.....	1 00
Botany 80.....	2 00	Civil Engineering 55.....	1 50
Botany 90.....	1 00	Civil Engineering 58.....	1 25
Botany 120 (per unit).....	3 00	Civil Engineering 62.....	1 50
Botany 122 (per unit).....	3 00	Civil Engineering 71.....	1 00
Botany 130 (per unit).....	3 00	Civil Engineering 72.....	1 00
Botany 170 (per unit).....	3 00	Civil Engineering 82.....	2 00
Botany 177 (per unit).....	3 00	Civil Engineering 84.....	1 50
Botany 180 (per unit).....	2 00	Civil Engineering 85.....	2 50
Ceramics 4.....	2 00	Civil Engineering 87.....	1 00
Ceramics 5.....	7 50	Civil Engineering 88.....	1 00
Ceramics 7.....	2 00	Civil Engineering 89.....	1 00
Ceramics 14.....	5 00	Civil Engineering 90.....	1 50
Ceramics 16.....	5 00	Civil Engineering 95.....	1 50
Ceramics 18.....	2 00	Civil Engineering 96.....	1 50
Ceramics 102 (per lab. hr.).....	2 50	Dairy Husbandry 1.....	3 00
Chemistry 1.....	8 00	Dairy Husbandry 4.....	3 00
Chemistry 2.....	5 00	Dairy Husbandry 5.....	3 00
Chemistry 3.....	6 00	Dairy Husbandry 7.....	3 00
Chemistry 4.....	8 00	Dairy Husbandry 8.....	2 00
Chemistry 5.....	10 00	Dairy Husbandry 10.....	4 00
Chemistry 6.....	8 00	Dairy Husbandry 12.....	3 00
Chemistry 10.....	10 00	Dairy Husbandry 14.....	2 00
Chemistry 16a.....	5 00	Dairy Husbandry 22.....	2 00
Chemistry 22.....	8 00	Dairy Husbandry 24b.....	2 00
Chemistry 24.....	12 50	Electrical Engineering 2.....	1 50
Chemistry 27.....	12 50	Electrical Engineering 5.....	1 50
Chemistry 28b.....	12 50	Electrical Engineering 51.....	1 50
Chemistry 32.....	10 00	Electrical Engineering 52.....	1 50
Chemistry 33.....	12 50	Electrical Engineering 58.....	1 50
Chemistry 34a.....	12 50	Electrical Engineering 61.....	1 50
Chemistry 37b.....	12 50	Electrical Engineering 62.....	1 50
Chemistry 38a.....	15 00	Electrical Engineering 75.....	2 50
Chemistry 41.....	7 50	Electrical Engineering 76.....	2 50
Chemistry 43b.....	7 50	Electrical Engineering 85.....	2 50
Chemistry 50a.....	15 00	Electrical Engineering 86.....	2 50
Chemistry 51b.....	10 00	English (see Public Speaking)	
Chemistry 60a.....	12 50		
Chemistry 61a-61b (per semester)	6 00		
Chemistry 74b.....	6 00		
Chemistry 80a.....	6 25		

Entomology 1.....	1 50	Horticulture 1a.....	1 50
Entomology 2.....	2 00	Horticulture 1b.....	50
Entomology 3.....	1 50	Horticulture 2.....	1 00
Entomology 6.....	1 50	Horticulture 3.....	2 00
Entomology 7a.....	2 00	Horticulture 5.....	2 50
Entomology 7b.....	2 00	Horticulture 7.....	3 50
Entomology 8a.....	1 50	Horticulture 8a.....	2 00
Entomology 8b.....	1 50	Horticulture 8b.....	2 00
Entomology 10a.....	2 00	Horticulture 15a.....	2 00
Entomology 10b.....	2 00	Horticulture 15b.....	2 00
Entomology 20.....	4 00	Horticulture 15c.....	2 00
Entomology 22.....	5 00	Horticulture 21a.....	2 00
Entomology 31.....	1 50	Horticulture 21b.....	2 00
Entomology 32a.....	1 50	Horticulture 23a.....	2 00
Entomology 32b.....	1 50	Horticulture 23b.....	2 00
Entomology 102.....	1 50	Horticulture 24a.....	50
Entomology 107.....	2 00	Horticulture 24b.....	50
Entomology 108.....	1 50	Horticulture 25a.....	2 00
Entomology 109.....	1 50	Horticulture 25b.....	2 00
Entomology 110.....	1 50	Horticulture 26a.....	2 00
Farm Mechanics 1.....	2 50	Horticulture 26b.....	2 00
Farm Mechanics 3.....	2 00	Horticulture 27a.....	2 00
Farm Mechanics 20.....	1 50	Horticulture 27b.....	2 00
Farm Mechanics 21.....	2 00	Horticulture 30.....	2 00
Farm Mechanics 28.....	2 50	Horticulture 32a.....	2 50
Farm Mechanics 51.....	8 00 <sup>1</sup>	Horticulture 32b.....	2 50
French 25.....	50	Horticulture 33.....	2 00
General Engineering Drawing 1..	1 50	Horticulture 34.....	2 00
General Engineering Drawing 2..	1 00	Horticulture 49.....	2 00
General Engineering Drawing 4..	1 50	Horticulture 51.....	3 50
General Engineering Drawing 6..	1 50	Horticulture 53.....	1 50
Geology 1.....	1 00	Human Anatomy 1.....	5 00
Geology 3.....	1 00	Human Anatomy 2.....	5 00
Geology 15.....	1 00	Journalism 5.....	2 00
Geology 20.....	2 00	Journalism 6.....	2 00
Geology 22.....	1 00	Journalism 9a.....	1 00
Geology 43.....	1 00	Journalism 13.....	1 00
Geology 44.....	1 00	Journalism 14.....	1 00
Geology 47.....	1 50	Law courses for students of col- leges other than Law (per hr.)	1 00
Geology 48.....	2 50	Mechanical Engineering 23.....	1 50
Geology 49.....	2 50	Mechanical Engineering 31.....	1 00
Home Economics 1.....	5 50	Mechanical Engineering 61.....	3 00
Home Economics 5.....	4 00	Mechanical Engineering 62.....	1 50
Home Economics 6.....	5 50	Mechanical Engineering 64.....	4 50
Home Economics 7.....	3 00	Mechanical Engineering 65.....	4 50
Home Economics 11.....	1 00	Mechanical Engineering 85.....	4 00
Home Economics 14.....	16 00	Mechanical Engineering 87.....	4 00
Home Economics 33.....	3 00	Mechanical Engineering 88.....	4 00
Home Economics 35.....	5 00	Mechanical Engineering 89.....	4 00
Home Economics 41.....	10 00	Mining Engineering 9.....	2 50
Home Economics 43a.....	3 00	Mining Engineering 10.....	2 00
Home Economics 43b.....	3 00	Mining Engineering 13.....	2 50
Home Economics 44.....	4 00	Mining Engineering 18.....	4 50
Home Economics 50.....	1 00	Mining Engineering 61.....	1 00
Home Economics 51.....	3 00	Mining Engineering 62.....	1 00
Home Economics 55.....	10 00		
Home Economics 102.....	10 00		

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

Mining Engineering 64.....	4 50	Physiology 4.....	3 50
Mining Engineering 69.....	7 50	Physiology 6.....	3 50
		Physiology 7.....	3 50
Music (for each course in applied music numbers 42a to 95b in- clusive) taken by students not enrolled in School of Music....	25 00	Physiology 9.....	3 50
		Physiology 102.....	3 50
		Physiology 103.....	3 50
Physical Education for Women (any course, charge once only per person) (per semester)....	1 50	Psychology 3.....	1 00
		Psychology 4.....	1 00
Physics 3a.....	3 00	Public Speaking 11.....	5 00
Physics 3b.....	3 00	Railway Engineering 62.....	3 00
Physics 8a.....	3 00	Spanish 25.....	50
Physics 8b.....	3 00		
Physics 15.....	1 50	T. & A. M. 15.....	1 50
Physics 17a.....	2 00	T. & A. M. 16.....	1 00
Physics 17b.....	2 00	T. & A. M. 63.....	2 50
Physics 22a.....	2 00	T. & A. M. 64.....	1 50
Physics 22b.....	2 00		
Physics 31a.....	3 00	Zoology 1.....	3 25
Physics 31b.....	3 00	Zoology 2.....	4 50
Physics 33.....	2 00	Zoology 3.....	4 00
Physics 36.....	2 00	Zoology 4.....	3 25
Physics 44a.....	4 50	Zoology 6.....	4 00
Physics 44b.....	3 00	Zoology 9 (per cr. hr.).....	1 00
Physics 46a.....	3 00	Zoology 10.....	2 00
Physics 46b.....	3 00	Zoology 11 (per cr. hr.).....	1 00
Physics 50.....	3 00	Zoology 16.....	1 00
Physics 51.....	3 00	Zoology 17.....	3 25
Physics 52.....	3 00	Zoology 18 (per cr. hr.).....	1 00
Physics 53.....	3 00	Zoology 22.....	4 00
Physics 97.....	3 00	Zoology 23 (per cr. hr.).....	1 00
Physics 98.....	3 00	Zoology 63.....	4 00
Physiology 2.....	3 50	Zoology 66.....	4 00

On motion of Mrs. Evans, this schedule of fees was adopted.

#### SURVEY OF MAPLE AVENUE

(8) A report of the status of affairs concerning the survey of Pennsylvania (Maple) Avenue, in Urbana.

This report was received for record.

#### SALARY OF DEAN LEONARD

(9) A recommendation that the salary of the Dean of Women, Miss Leonard, be made \$6500 a year, beginning September 1, 1930.

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

#### TERM OF PRESIDENT CHASE BEGUN

President Kinley reported that he had made arrangements (with the approval of the President of the Board) to transfer to Dr. Harry Woodburn Chase at 11 o'clock a.m. on Saturday, July 5, 1930, the keys of his office as a token of the transfer of the duties and responsibilities of the office of President of the University.

The keys were transferred as arranged.

On motion of Mr. Armstrong, this transfer was made a matter of record, and Dr. Chase was officially declared to be President of the University as of this day and hour.

#### USE OF PRESIDENT'S HOUSE AND FURNISHINGS

Mr. Barr requested the Executive Committee to make a record of the fact that the understanding as to the leasing of the President's House to Dr. Kinley is as follows:

In consideration of the fact that Dr. and Mrs. Kinley are to leave certain articles of furniture and furnishings in the President's House for the use of Dr. and Mrs. Chase during the coming year, it is agreed that Dr. and Mrs. Kinley, on their return, and on the completion of the new President's house, are to have the use of furniture and furnishings belonging to the University and now in the house, and that these be considered part of the leased property.

On motion of Mr. Armstrong, this interpretation was adopted.

#### DEGREES IN MEDICINE

The Secretary of the Board presented for record a list of graduates of the College of Medicine, on whom the degree of M.D. has been conferred according to rule, from January 1, to July 1, 1930.

SIDNEY JAMES MACLEOD	<i>Conferred January 3, 1930</i>
WILLARD EDWIN KRAMER	<i>Conferred January 31, 1930</i>
EDWIN WALDAMAR EDAHL	<i>Conferred April 1, 1930</i>
ROY PRESTON GARRETT, B.S.	<i>Conferred June 9, 1930</i>
JOHN ARCHIBALD MATHIS, B.S.	BENJAMIN SEID, B.S.
FELIX WALTER SOKOLOWSKI	<i>Conferred June 15, 1930</i>
EDWARD JOSEPH McNULTY	<i>Conferred June 19, 1930</i>
RAYMOND G BAYLES	<i>Conferred June 24, 1930</i>
ALEXANDER LANFORD FREEMAN	MARTHA LOUISE DEDRICK, B.S.
IRVING RICHARD ABRAMS, B.S.	<i>Conferred June 30, 1930</i>
MELVIN LOUIS AFREMOW, B.S.	FRANK JOSEPH LAVIERI, B.S.
MARSHALL WELLS ALCORN, B.S.	<i>Conferred July 1, 1930</i>
DWIGHT WILSON ANDERSON, B.S.	SALMON ARTHUR KOFF
WILLIAM EUGENE ANDERSON, B.S.	LOUIS FRANCIS KOMPARE
LAWRENCE GRANT BALDING, B.S.	IKBAL KRISHNA, A.B., B.S.
JOHN GOLDFREED BELLOWS, B.S.	RALPH HESS KUNSTADTER, B.S.
CLARENCE EDWARD BENSEMA, B.S.	AARON LEARNER, B.S.
EARL ELMER BLANCK, B.S.	LOUIS LEO LEVITT, B.S.
CLAY STEPHEN BOSWELL, B.S.	IRVING DARIA LITWACK, B.S.
MARSHALL OVID BOUDRY, B.S.	NAOMI THERESE LUCIUS, B.S.
LEVI MARTIN BROWNING	GEORGE CLETUS MCGINNIS
CARL EDWARD CLARK, B.S.	ALLAN F McLAUGHLIN, B.S.
JOHN HENRY CONNELL	ISADORE MALLIN, M.S.
CARLOS CLINTON CRAIG, B.S.	ALVIN LEROY MATHIS
MARTIN SAUL CROFT, B.S.	PERRY JULIUS MELNICK, B.S.
JAMES EUGENE PAUL DAVIA, B.S.	GEORGE IRVING MEYER
BETTY DELSON, B.S.	ALFRED FREDERICK MILLER, B.S.
JOHANNA MARY DIECKMANN, A.B., A.M.	LEO FREDERICK MILLER, B.S.
FRANCIS EMMONS DREW, B.S.	MAURICE MILLER, B.S.
EMIL GUNVALD ERICKSEN	LAURENCE MOSES MOORE
PHILMOUR FINK, B.S.	WALDO EVANS MURPHY
SIDNEY RICHARD FORKOSH, B.S.	JUSTIN RUSSELL NASH
J WILSON GRAY, B.S.	LOVELL ARTHUR NEAL, B.S.
DANIEL HAFFRON, B.S.	ROLAND CLIFFORD NELSON, B.S.
ARTHUR ABRAHAM HALEVY	JOHN M NOWAK, B.S.
JAMES MANUEL JOHNSON, B.S.	FREDERICK DENNIS O'DONNELL, B.S.
ALFRED PAUL KLOMHAUS	DAN CLARK OGLE, B.S.
	IRWIN LOVETTE OLIVER, B.S.
	ELI HOLMES ORR, B.S.
	MEREDITH LOUIS HULT OSTROM, B.S.

ROBERT LESTER PAXTON, B.S.  
 ALBERT CHARLES PETRICK, B.S.  
 HUGH ALEXIS RASMUSSEN, B.S.  
 ROBERT EARL REAGAN, B.S.  
 JOSEPH CYRUS REINGOLD, B.S.  
 BROOKS LEE ROBERSON  
 HAROLD ALAN ROTH, B.S.  
 CARMEN FRANCIS RUSSO, B.S.  
 MAURICE AARON SCHILLER, B.S.  
 JOHN WHEELER SCHORI  
 HYMAN JOSEPH SCHORR  
 ARTHUR LOUIS SHAFTON, B.S., A.B.  
 HARRY SHUGER, B.S.  
 DAVID CHARLES SIMON, B.S.  
 CHARLES OTIS SMITH, A.B., B.S.  
 KENNETH JOHN SMITH, B.S.  
 ROBERT HARLIE SMITH, B.S.

SAM SOLOMON, JR., B.S.  
 PERCY ALFRED STALEY  
 ALEXANDER LOUIS STEARNS, B.S.  
 CARROLL W STUART, B.S., D.D.S.  
 FRED LOUIS STUTTLE, B.S.  
 SAMUEL SCHWIED, B.S.  
 ARTHUR ALFRED TAIT, A.B., B.S.  
 WALTER WILLIAM TOBIN, B.S.  
 KENNETH HOUSTON VINNEDGE  
 ANNETTE CLARKE WASHBURNE, Ph.B.,  
 B.S.  
 GEORGE SEYMOUR WEISS, B.S.  
 NORMAN ARNOLD WIEN, B.S.  
 HENRY H WOLF, B.S.  
 GEORGE FREDERICK WOLLGAST  
 MARSHALL E. YONAN, B.S.

#### APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary of the Board presented also for record the following list of appointments made by President Kinley:

Adamson, Raymond Sigfried, Assistant in Botany and Materia Medica, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and twenty dollars (\$120) a month. (June 23, 1930)<sup>1</sup>

Arnold, Robert B., Assistant in Astronomy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (July 2, 1930)

Beam, Mrs. Mary Werts, Assistant in Textiles, in the Department of Home Economics, in the College of Agriculture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and forty dollars (\$140) a month. (June 23, 1930)

Beights, David Miers, Assistant in Accountancy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and seventy dollars (\$170) a month. (June 23, 1930)

Berdahl, Clarence A., Professor of Political Science, on indefinite tenure beginning September 1, 1930, at a cash compensation of four thousand dollars (\$4000) a year. (July 5, 1930)

Bruch, Gerston, Assistant in Botany and Materia Medica, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and twenty dollars (\$120) a month. (June 23, 1930)

Conner, H. A., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (June 23, 1930)

Crudim, Myrtle Barbara, Assistant in Medicine, in the College of Medicine, for one year beginning September 1, 1930, without salary. (July 3, 1930)

Dickinson, Burrus S., Instructor in Journalism, for ten months beginning September 1, 1930, at a cash compensation at the rate of two hundred and ten dollars (\$210) a month. (June 27, 1930)

Dyson, Agnes, Stenographer and Clerk in the Department of Chemistry, for one month beginning August 1, 1930, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (July 3, 1930)

Fahlstrom, Florence Ann, Nurse in Pediatrics, in the College of Medicine, for four months beginning June 11, 1930, at a cash compensation at the rate of one hundred and fifty dollars (\$150) a month. (June 23, 1930)

Griffith, Esther, to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred and twenty-five dollars (\$125) for the session. (June 25, 1930)

Gullette, Cameron Charles, Associate in the teaching of Romance Languages, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred and twenty-five dollars (\$225) a month. (June 27, 1930)

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

Henderson, Robert, to give instruction in English in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of two hundred and fifty dollars (\$250) for the session. (June 25, 1930)

Henry, William F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 27, 1930)

Hess, T. Melville, Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 27, 1930)

Huesing, Margaret M., Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 30, 1930)

Johnston, Mrs. Nell C. B., Assistant Professor of Education, for one year beginning September 1, 1930, at a cash compensation of three thousand dollars (\$3000). (July 5, 1930)

Kendall, Willmoore, Jr., Assistant in Romance Languages, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and fifty dollars (\$150) a month. (June 27, 1930)

Kries, Elden L., Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930)

Larimore, Theodore Russell, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930)

Lohmann, Karl B., Professor of Landscape Architecture, in the College of Agriculture, for one year beginning September 1, 1930, at a cash compensation of four thousand five hundred dollars (\$4500). (June 28, 1930)

Mach, George Robert, Instructor in Business Organization and Operation, in the College of Commerce, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and eighty dollars (\$180) a month. (June 23, 1930)

Munro, H. E., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (June 23, 1930)

Niswonger, Clifford Rollin, Assistant in Accountancy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and forty dollars (\$140) a month. (June 23, 1930)

Peirce, D. D., to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred and twenty-five dollars (\$125) for the session. (June 25, 1930)

Rasmussen, Hugh Alexis, Resident in Internal Medicine, in the College of Medicine, for one year beginning July 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 27, 1930)

Rassweiler, Merrill Paul, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 27, 1930)

Robertson, Pauline W., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (June 27, 1930)

Sage, Mrs. Margaret Pearson, Instructor in Voice, in the School of Music, for five months beginning September 1, 1930, at a cash compensation at the rate of one hundred and eighty dollars (\$180) a month. (June 23, 1930)

Sarkissian, Arshag Ohan, Assistant in History, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 23, 1930)

Searle, N. E., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 27, 1930)

Sisson, W. A., Special Research Assistant in Chemistry, on one-half time, beginning June 1, 1930, and continuing until further notice, but not later than May 31, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (June 23, 1930)

Smith, Florence D., Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 1, 1930)

Stout, William Harry, Assistant in Accountancy, in the College of Commerce, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 27, 1930)

Templeman, William D., Assistant Professor of English, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred eight dollars and thirty-three cents (\$208.33) a month. (June 26, 1930)

Van Deventer, William C., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 1, 1930)

Watson, Tully Franklin, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 27, 1930)

Waytz, Max, Assistant in Pharmacy, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and twenty dollars (\$120) a month. (July 3, 1930)

Weissberg, Samuel George, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930)

Young, Robert Thompson, Jr., Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930)

The Executive Committee adjourned.

H. E. CUNNINGHAM  
*Clerk*

GEORGE A. BARR  
LAURA B. EVANS  
JAMES W. ARMSTRONG  
*Committee*

These minutes were received for record.

#### MATTERS PRESENTED BY PRESIDENT CHASE

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

#### CHANGES IN THE BUDGET

(1) A report that pursuant to the authority given the President of the University, the following changes and adjustments in the budget for 1930-31 have been authorized, effective September 1, 1930:

1. Karl B. Lohmann, at present Associate Professor of Landscape Architecture at \$4250 to be Professor of Landscape Architecture at \$4500.

2. Dr. Clarence A. Berdahl, at present Associate Professor of Political Science at \$3600 to be Professor at \$4000.

3. An increase in the salary of Mr. Frederick S. Siebert, Associate in Journalism, from \$2500 to \$2800.

4. An additional provision for another teacher on one-half time for ten months at \$700 in the Budget of the University High School.

5. An increase in the allowance for temporary employees in the Expense and Equipment budget of the College of Law from \$1000 to \$1750.

6. An assignment of \$600 to the Department of Classics for the salary of a half time research assistant. (This assignment is for 1930-31 only and is to provide assistance to Professor W. A. Oldfather in important research work.)

7. The promotion in rank of Mr. F. G. Straub, Special Research Associate in Chemical Engineering, to be Special Research Assistant Professor of Chemical Engineering at a salary of \$4,000 a year (until further notice).

8. An increase in the salary of Professor G. L. Clark, of the Department of Chemistry, from \$5500 to \$7000, beginning September 1, 1930.

On motion of Mrs. Evans, these changes were approved.

**MATTERS PRESENTED BY DR. KINLEY**

On request of President Chase, Dr. Kinley presented the following items of unfinished business which had been referred to him.

**ROSELAWN CEMETERY**

(A) At the request of President Chase I am submitting a report on negotiations concerning the purchase of certain portions of Roselawn Cemetery.

In the absence of our legal counsel, I employed Mr. Walter B. Riley, of Champaign, to represent us in this matter. After some discussion, on the advice of our attorney, I addressed the following letter to Mr. T. J. Paisley:

Champaign, Illinois  
June 24, 1930

*Mr. T. J. Paisley, Champaign, Illinois*

In re: Roselawn Cemetery

DEAR SIR:

The Board of Trustees of the University of Illinois have at last decided to accept delivery of the deed for the unsold lots of Roselawn Cemetery now held in escrow by Trevett-Mattis Banking Company, and to pay therefor the sum of \$20,800.00, upon the following conditions:

1st: Quit claim deeds be procured from Ada M. Paisley and husband and Bessie R. Wolf and husband, conveying all interest that they may have in the tract of land known as Roselawn Cemetery to the Board of Trustees of the University of Illinois.

2nd. An affidavit from Grace Howe Paisley stating that she was the Secretary of the Champaign Securities Company at the time of its dissolution, and at the time of the execution and delivery of the warranty deed from the Champaign Securities Company to Thomas J. Paisley of all unsold lots in the tract of land platted under the name of New Mount Hope Cemetery, and that Thomas J. Paisley, Grace Howe Paisley, Ada M. Paisley, and Bessie R. Wolf were the sole and only stockholders of said Champaign Securities Company at any time whatsoever.

3rd. That at the time of the delivery of the above mentioned deeds to the Board of Trustees of the University of Illinois, the Board of Trustees of the University of Illinois be furnished with duly certified copy or copies of a resolution to be adopted by both the members and the Board of Directors of Roselawn Cemetery Association at meetings specially called for that purpose, in and by which resolutions the members and the Board of Directors specifically relinquish to the Board of Trustees of the University of Illinois any and all care, control, or right of management that they may have in, to, or over any portion of Roselawn Cemetery in Champaign County, Illinois, not heretofore sold for burial purposes, and including in said resolution the release from the care, control, and management of said Roselawn Cemetery Association any lots heretofore sold for burial purposes which may hereafter be conveyed by the owners thereof to the Board of Trustees of the University of Illinois.

In connection with this transaction it has been suggested that the Board of Trustees of the University of Illinois either assume the conduct of the Roselawn Cemetery Association for the purpose of keeping the records thereof, and providing for opening of graves, and so forth, on lots now sold for burial purposes, or in lieu of that that the Board of Trustees find a man or designate a man who will take over such duties.

The Board of Trustees of the University of Illinois cannot under any circumstances assume such responsibility or liability and if the transfer of the above mentioned property to the Board of Trustees of the University of Illinois is contingent upon any such arrangement, the deal will have to fall through.

Anything in this letter contained referring to New Mount Hope Cemetery is understood to apply to the tract of land now known as Roselawn Cemetery.

Respectfully,  
DAVID KINLEY

To this Mr. Paisley replied:

Champaign Illinois  
June 25, 1930

*Board of Trustees of the University of Illinois  
c/o David Kinley, President of the University of Illinois and  
Executive Agent of the Board of Trustees thereof  
Urbana, Illinois*

In re: Roselawn Cemetery

GENTLEMEN:

The undersigned, Thomas J. Paisley and Grace Howe Paisley accept your proposition for the purchase of lots in Roselawn Cemetery as outlined in your letter of June 24, 1930, as follows:

First: The undersigned will procure the Quit Claim Deed or deeds from Ada M. Paisley, Bessie R. Wolf, and her husband as outlined in said letter.

Second: The undersigned will furnish the affidavit of Grace Howe Paisley as requested in your letter.

Third: The undersigned will as soon as possible call meetings of the members and Board of Directors of Roselawn Cemetery Association and will then present and move the adoption of resolutions at said meetings as requested in your letter and will use their earnest influence to cause the said resolutions to be passed and adopted by the members and Board of Directors of said Corporation, the said resolutions to be in such form as shall be approved by your attorney.

Yours truly,

THOMAS J. PAISLEY  
GRACE HOWE PAISLEY

I may say that I sent a copy of my letter to the President of the Board, having told him of it in conversation, and it met with his approval.

On June 28, our attorney, Mr. Riley, informed me that the Board of Trustees of the Roselawn Cemetery Association, on June 27, adopted the resolution asked for, as follows:

**RESOLUTION ADOPTED BY BOARD OF TRUSTEES OF  
ROSELAWN CEMETERY ASSOCIATION**

**BE IT AND IT IS HEREBY RESOLVED**, That ROSELAWN CEMETERY ASSOCIATION release and relinquish, and it hereby does release and relinquish, unto the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, any and all right said ROSELAWN CEMETERY ASSOCIATION may have in or to the care, control and management of, in or to any portion of the tract of land known as ROSELAWN CEMETERY in Champaign County, Illinois, save and except only as to such portions of said tract of land as may have heretofore been sold for burial purposes and that said BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS be and it is hereby released from the care, control, and management of such excepted portions of said tract, provided, however, that nothing herein contained shall be taken or construed as releasing or waiving the right of ingress and egress, on the part of the owners, their family and friends, of such lots as have heretofore been sold for burial purposes, to such lots as have heretofore been sold for burial purposes, nor shall anything herein contained be taken or construed as a restriction of the right of burial upon any of the lots heretofore sold for burial purposes.

**BE IT AND IT IS HEREBY FURTHER RESOLVED**, That the release and relinquishment of the right of care, control and management so granted in the foregoing resolution to the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS shall extend to and be effective as to such lots in said Roselawn Cemetery heretofore sold for burial purposes as hereafter may be sold and conveyed by the respective owners thereof to the said BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

**BE IT FURTHER RESOLVED**, That this resolution shall be effective only and upon the adoption of a similar resolution by the members of ROSELAWN CEMETERY ASSOCIATION at a meeting thereof to be called for that purpose.

It remained for the Members of the Association to adopt a similar resolution. I have received from our attorney the resolution adopted by vote of 50-46, according to his statement, by members of the Roselawn Cemetery Association, July 18, 1930.

*RESOLUTION ADOPTED AT MEETING OF MEMBERS OF  
ROSELAWN CEMETERY ASSOCIATION*

*ON JULY 18, 1930*

*BE IT AND IT IS HEREBY RESOLVED*, That ROSELAWN CEMETERY ASSOCIATION release and relinquish, and it hereby does release and relinquish, unto the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, any and all right said ROSELAWN CEMETERY ASSOCIATION may have in or to the care, control and management of, in or to any portion of the tract of land known as ROSELAWN CEMETERY in Champaign County, Illinois, save and except only as to such portions of said tract of land as may have heretofore been sold for burial purposes and that said Board of Trustees of the University of Illinois be and it is hereby released from the care, control, and management of such excepted portions of said tract, provided, however, that nothing herein contained shall be taken or construed as releasing or waiving the right of ingress and egress, on the part of the owners, their family and friends, of such lots as have heretofore been sold for burial purposes, to such lots as have heretofore been sold for burial purposes, nor shall anything herein contained be taken or construed as a restriction of the right of burial upon any of said lots heretofore sold for burial purposes.

*BE IT AND IT IS HEREBY FURTHER RESOLVED*, That the release and relinquishment of the right of care, control and management so granted in the foregoing resolution to the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS shall extend to and be effective as to such lots in said Roselawn Cemetery heretofore sold for burial purposes as hereafter may be sold and conveyed by the respective owners thereof to the said BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

*BE IT FURTHER RESOLVED* that this resolution is not to be construed as giving the University of Illinois any right to construct any building on any part of said real estate at any time in the future.

Accompanying these resolutions is the following letter from our attorney:

Champaign, Illinois  
July 19, 1930

*Dr. David Kinley, President's Office, University of Illinois*

DEAR SIR:

I am pleased to be able to inform you that at the meeting of the members of Roselawn Cemetery Association held last night, the resolution asked for by us in connection with the Roselawn Cemetery deal was adopted by the members of said Association by a vote of 50 to 46.

I am herewith handing you a copy of the resolution adopted by the Board of Trustees, of the Roselawn Cemetery Association, and also a copy of the resolution adopted by the members of Roselawn Cemetery Association. The Secretary of the Association has executed and has in her possession proper certificates concerning these resolutions, which will be turned over to the Board of Trustees of the University of Illinois when the deal is consummated, together with a certain instrument as to ownership of stock in the Champaign Securities Company.

The Paisleys have now done all that we have asked of them except to procure deeds from Bessie R. Wolf and husband and Ada M. Paisley. Mrs. T. J. Paisley informed me this morning that these deeds will be forthcoming very shortly, and when she receives the deeds I can see no reason why the deal cannot be closed, and the deed held in escrow by Trevett-Mattis Banking Company lifted and filed for record, thus placing the title in the Board of Trustees of the University of Illinois.

I have explained to Mrs. Paisley that she will have to bear the expense of recording the quit claim deed from Mrs. Wolf and Miss Paisley, and also the expense of recording the affidavit relative to ownership of stock on the part of Ada M. Paisley and Bessie R. Wolf.

I am turning over to Mr. C. E. Keller, attorney, who has offices in the same suite with me, all of the files in connection with this deal, together with a copy of this letter, for the reason that I am leaving town on the afternoon of the 22nd instant, and I cannot see that this deal can be closed before that time. I have acquainted Mr. Keller with the facts in the case, and he can do all that I could do in closing the deal for the University. I trust this arrangement will be satisfactory to you.

I call your attention particularly to the last paragraph of the resolution adopted by the members at their meeting on July 18th, wherein it says "Be it further resolved that this resolution is not to be construed as giving to the University of Illinois any right to construct any building on any part of said real estate at any time in the future.

In my opinion, and I might say in the opinion of Mr. Mulliken, that portion of the resolution means nothing, as the Roselawn Cemetery Association exists for no other purpose in the world than that of caring for the endowed lots in Roselawn Cemetery Association, and they cannot give to the Board of Trustees of the University of Illinois any right to build in Roselawn Cemetery, neither can said Association by its resolution deny to the Board of Trustees of the University of Illinois the right to build if such right exists.

Yours truly,

WALTER B. RILEY

I call your attention to the last paragraph of the resolution of the members of the Cemetery Association to the effect that the resolution is not to be construed as giving the University the right to construct any building on any part of said real estate at any time in the future. I call your attention further to the comments of our attorney on this matter.

I further call your attention to the fact that the failure of the members of the Association to adopt a resolution identical with that adopted by their Board of Trustees probably invalidates the latter; for the last paragraph of the resolution of their Board of Trustees reads: "*BE IT FURTHER RESOLVED*, That this resolution shall be effective only and upon the adoption of a similar resolution by the members of ROSELAWN CEMETERY ASSOCIATION, etc." The resolution adopted by the Association differs from that of the Trustees by the insertion of the paragraph providing that their action "is not to be construed as giving the University of Illinois any right to construct any building on any part of said real estate at any time in the future."

If your Board were to conclude the purchase of the property without taking notice of this paragraph expressing the action of the Association, which *in their opinion* would limit your action in the matter of erecting a building, members of the Association and probably others would regard it as being not in good faith. Therefore I am not able to recommend to you the conclusion of the negotiations looking toward the purchase of this property, nor have I seen my way clear to advise President Chase to that effect.

On motion of Mr. Armstrong, the following resolution was adopted:

**RESOLVED**, that the Board of Trustees of the University of Illinois concurs in the President's recommendation that the Board should not conclude the purchase of the Paisley property in Roselawn Cemetery with any limitations or restrictions as to its use not incompatible with the purposes of the rest of the cemetery.

**SALE OF AGRICULTURAL PRODUCTS BY THE  
EXPERIMENT STATION**

(B) I am making this report at the request of President Chase. The inquiry which has resulted in the report began some months ago on the basis of questions raised by a citizen and a letter of complaint received from the Champaign Chamber of Commerce. I gave the Board the substance of this inquiry and the complaint at a previous meeting in an informal way and asked that the matter be not at that time put in the record.

The substance of the inquiry and the complaint was that the agricultural business, so-called, carried on as a result of the research work of the experiment station, was increasing unduly and encroaching on the legitimate business of local business men. I first made an inquiry through the Dean and heads of the departments of the College of Agriculture and submitted the results of that inquiry to the individual who asked for information. I secured also certain data with reference to the complaint of the Champaign Chamber of Commerce. The facts showed in my opinion that there was no sufficient ground for complaint. However, in order to avoid any appearance of evading the issue I called together the members of the General Agricultural

Advisory Committee on June 28, 1930. I laid the matter before them with such facts as were at hand and asked them to investigate and make a report to submit to you at this meeting. The Committee undertook to do this and appointed a sub-committee to do the work. I submit herewith the report of this sub-committee. This includes certain statistical information prepared by the Comptroller of the University setting forth the general facts relating to this whole matter. It seems to me that there is no sufficient ground of complaint. I ask that you make this statement and the report of the sub-committee a part of your record.

*REPORT OF THE AGRICULTURAL ADVISORY COMMITTEE TO THE  
PRESIDENT OF THE UNIVERSITY OF ILLINOIS CONCERNING THE  
POLICY FOLLOWED BY THE COLLEGE OF AGRICULTURE AND  
AGRICULTURAL EXPERIMENT STATION IN DISPOSING OF FARM  
PRODUCTS*

July, 1930

After investigating the situation with respect to the sales of agricultural products by the College of Agriculture and the Agricultural Experiment Station of the University of Illinois your committee makes the following report.

It is the opinion of the members of your committee that the research activities of the Agricultural Experiment Station, although extensive and numerous, by no means meet the persistent demands made by the people of the state in the way of solving the farmers' economic problems. In many cases the material used in research projects is utilized for class room instruction, thereby conserving and utilizing fully the resources of the institution. The discontinuance of present research projects would constitute a retrenchment that would be to the disadvantage of the state as a whole and to the local community in particular.

The policy of the College of Agriculture and Agricultural Experiment Station has been to keep the production and sale of farm products at the smallest volume consistent with teaching facilities required for the student body and the pressing needs for the solution of problems vital to Illinois agriculture. The facts and figures taken from the records of the University indicate that such a policy has been followed during recent years. Fluctuations in prices of individual commodities cause fluctuations in value of sales of those commodities when the volume of sales remains constant. Furthermore, to meet some specific urgent problem, a large increase may be shown in the sale of a particular commodity for one year. Such was the case in 1928-29 when the scabby barley problem was so acute. Special cattle feeding experiments were conducted to help solve the problem. As a result the sales of cattle more than doubled in one year but the Agricultural Experiment Station of the University of Illinois received much favorable comment both within and without the state, on account of its research in this field. Sales of cattle for 1929-30 were again normal. Sales of poultry and poultry products have increased greatly in the last four or five years and are accounted for by the growth of the poultry division from a rather neglected part of the College and Experiment Station to one more nearly comparable to the position poultry holds in the work of other mid-west institutions and its economic importance in the state. We find no undue increase in the total volume of activities nor in any one line or lines. Where increases have been made, we find them justified. (See Exhibit A.)

The lack of facts and information with respect to the total volume of farm products handled in the Champaign-Urbana communities precludes an authoritative statement as to the extent of competition between the University and any line of business in these commodities caused by the sale of by-products of the College of Agriculture and Agricultural Experiment Station. The information available indicates that the sales by the University are a very small fraction of total sales of any farm product in the communities. The fact that sales of farm products by the University are not tending to increase in volume would indicate that conscious effort is being exercised to keep troublesome competition to the minimum.

Grain, potatoes, and meat animals are now disposed of at wholesale and not on the Champaign-Urbana retail market. Meats, poultry and eggs, dairy products, flowers, vegetables, fruits, cider and vinegar are sold locally either to local dealers at wholesale or at retail through the salesroom in the Agricultural Building, the greenhouse, or the retail milk routes. (See Exhibits B and C.)

The sale of meats at wholesale through commission houses is impracticable because of the necessity of dissecting the carcasses for scientific analyses, and cutting into retail cuts in class room work.

Poultry and eggs could be sold at wholesale through commission houses only at a financial sacrifice because of the irregular supply of eggs and the necessity of slaughtering a large fraction of the poultry in connection with studies by the Animal Pathology Division of the inheritance of bacillary white diarrhea. (See Exhibit C.)

The quantity of butter produced by the University is too small and too variable to make it practical to sell it wholesale. It is also obvious that for purposes of teaching and research the problem cannot be adequately solved without placing the product into a retail package and following the result to its conclusion.

Since an important function of a milk distributing plant is the retail delivery of milk, the teaching and research would be seriously curtailed if the retail feature in such volume as to be on a practical scale were not made an important part of this work.

The general wholesale market would be a very unsatisfactory outlet for the flowers produced by the University because of the small quantities of the various varieties, the great variation in the kinds and amounts to be disposed of because the amount needed in class room work fluctuates greatly, and because some of the varieties of cut flowers needed in connection with the class room and research work will not stand shipping. (See Exhibit E.)

Many kinds of vegetables produced by the University are not usually produced in large enough quantities to sell at wholesale through commission houses except at a financial sacrifice. Certain kinds of vegetables are produced in large enough quantities at certain seasons to make possible shipments to a central market but at a sacrifice. Without doubt the volume of sales of vegetables by the University is insignificant compared to the volume of vegetables shipped into the local communities from central wholesale markets. The competition in vegetables is not between the local producer and the University but between local producers and products shipped in from central wholesale markets. (See Exhibit F.)

The fact that the 2915 bushels of apples sold in 1928-29 by the University consisted of some 1700 varieties and the 247 cases of cherries consisted of 42 varieties and the 272 cases of plums consisted of 22 varieties indicates that the plantings of fruits are made up of such a large number of varieties as to make their disposal at wholesale difficult and in some cases economically impossible. (See Exhibit G.)

The miscellaneous character of the fruit produced, together with its perishable nature calls for local consumption of a considerable part or financial loss to the state. Furthermore, it is sometimes necessary to let the fruit ripen to such an extent that it would be unfit for packing and shipping to a wholesale market. The students need to know not only varietal characteristics but their good and bad points from the marketing standpoint, how to prepare and handle for local markets, as well as the necessity of a standardized grade of produce in package for both wholesale and retail markets.

Cider and vinegar are produced by the University in sufficient quantities to sell at wholesale on a central market but at a financial sacrifice to the state. The most efficient use of labor and filtering equipment makes it necessary to filter, fill, and dispose of both cider and vinegar in relatively small quantities.

We find that the College of Agriculture and the Agricultural Experiment Station have maintained a consistent policy throughout. The products sold are by-products of necessary teaching and research work. The sales of farm products have tended toward uniformity in quantity over a period of years. Exceptional increases have arisen from special demands made upon them to solve urgent agricultural problems. When the problem is solved the sales decrease accordingly. Their activities as to the sale of farm products are an open book. Those who contemplate entering business in the local communities may take these facts into account. Prices and conditions of sales have been such as to disturb competitive conditions as little as possible. Records of sales by the University indicate that increased competition in the business of selling farm products must have come about because of a greater number of establishments entering the local field and not because of greater volume of sales by the University.

Undoubtedly the local communities have profited largely by the presence of so large an institution in their midst, while in some minor particulars, some individuals or groups might be at a slight disadvantage. These minor disadvantages are apparent

to all contemplating entering such business if they investigate. The sales by the University do not change materially from year to year, and any disadvantages are far outweighed by other advantages to these communities.

F. I. MANN  
N. W. HEPBURN  
O. W. HOIT  
W. S. PERRINE

EXHIBIT A  
INCOME FROM SALES OF AGRICULTURAL PRODUCTS

Departments and Items	1921-22	1922-23	1923-24	1924-25
<b>Agronomy</b>				
Grain Urbana Fields.....	\$ 3 576 24	\$ 3 810 79	\$ 4 588 40	\$ 6 677 90
Grain Other Fields.....	6 651 73	6 663 84	6 674 95	10 003 92
	(10 227 97)	(10 474 63)	(11 263 35)	(16 681 82)
<b>Animal Husbandry</b>				
Cattle <sup>1</sup> .....	4 138 17	11 474 06	18 277 60	14 104 75
Horses.....	3 130 39	2 884 46	4 911 70	3 179 97
Meat.....		281 87	2 084 41	4 600 56
Poultry and Eggs.....	3 175 23	2 496 22	2 319 75	3 222 39
Sheep <sup>1</sup> .....	2 703 95	5 269 52	4 812 23	3 523 05
Swine <sup>1</sup> .....	6 153 53	4 341 13	7 331 01	9 620 23
	(19 301 27)	(26 747 26)	(39 736 70)	(38 310 95)
<b>Dairy</b>				
Milk and Cattle <sup>2</sup> .....	16 480 40	4 923 59	8 257 30	4 055 07
Creamery Products.....	114 707 32	123 894 36	144 028 28	134 337 52
	(131 187 72)	(128 817 95)	(152 285 58)	(138 392 59)
<b>Horticulture</b>				
Flowers.....	8 275 95	8 430 08	12 878 77	9 272 69
Vegetables Urbana Fields.....	3 112 12	4 984 51	6 884 50	13 299 18
Fruits Urbana Fields <sup>3</sup> .....	4 152 86	9 658 75	7 719 47	8 965 79
Fruits Olney Fields.....		1 853 47	4 321 75	281 60
	(15 540 93)	(24 926 81)	(31 804 49)	(31 819 26)
<b>Total</b> .....	<b>\$176 257 89</b>	<b>\$190 966 65</b>	<b>\$235 090 12</b>	<b>\$225 204 62</b>

EXHIBIT A (Continued)  
INCOME FROM SALES OF AGRICULTURAL PRODUCTS

Department and Items	1925-26	1926-27	1927-28	1928-29	1929-30
<b>Agronomy</b>					
Grain Urbana Fields.....	\$ 3 676 13	\$ 4 786 60	\$ 5 016 55	\$ 3 812 78	\$ 4 042 07
Grain Other Fields.....	7 223 85	5 520 46	5 538 73	5 597 39	5 361 27
	(10 899 98)	(10 307 06)	(10 555 28)	( 9 410 17)	( 9 493 34)
<b>Animal Husbandry</b>					
Cattle <sup>1</sup> .....	6 621 83	10 074 16	15 302 46	34 446 85	15 869 42
Horses.....	1 313 61	3 144 25	4 339 69	1 390 68	1 791 50
Meat.....	7 797 31	4 991 79	6 004 20	6 284 53	5 525 13
Poultry and Eggs.....	4 540 57	4 876 59	8 639 51	8 282 10	9 208 14
Sheep <sup>1</sup> .....	5 810 35	3 876 68	5 936 47	5 807 50	4 255 44
Swine <sup>1</sup> .....	12 160 49	12 961 62	11 031 49	9 817 04	10 210 34
	(38 244 16)	(39 925 09)	(51 253 82)	(66 028 70)	(46 859 97)
<b>Dairy</b>					
Milk and Cattle <sup>2</sup> .....	4 946 76	4 717 05	10 129 30	4 396 85	1 949 64
Creamery Products.....	127 279 00	116 912 59	118 341 53	125 187 37	116 494 29
	(132 225 76)	(121 629 64)	(128 470 83)	(129 584 22)	(118 443 93)
<b>Horticulture</b>					
Flowers.....	7 415 95	6 047 61	6 261 79	5 608 53	7 558 77
Vegetables Urbana Fields.....	11 433 52	6 467 05	7 832 06	12 554 47	15 326 45
Vegetables Cook County... <sup>1</sup>	1 238 71	1 284 27	812 98	1 596 26	1 755 06
Fruits Urbana Fields <sup>3</sup> .....	9 908 70	9 031 63	12 650 25	10 761 45	6 785 72
Fruits Olney Fields.....	298 95	439 76	136 25	1 252 65	405 47
	(30 295 83)	(23 270 32)	(27 713 33)	(31 773 36)	(31 831 47)
<b>Total</b> .....	<b>\$211 665 73</b>	<b>\$195 132 11</b>	<b>\$217 993 26</b>	<b>\$236 796 45</b>	<b>\$206 538 71</b>

Lloyd Morey, Comptroller.

<sup>1</sup>Including meat from slaughtered animals.

<sup>2</sup>Milk from University herds sold to Dairy Creamery and there resold is not included.

<sup>3</sup>Includes cider and vinegar.

**EXHIBIT B**  
**SALES OF AGRICULTURAL PRODUCTS**  
**SALES OF GRAIN, HAY, AND POTATOES DURING 1928-29**

	<i>Bu.</i>	<i>Av. Price</i>	
Wheat.....	1304	\$1 04	\$1 359 40
Oats.....	3239 1/4	32	1 046 93
Barley.....	481	54	259 61
Corn.....	7516	59	4 444 87
Soybeans.....	403	1 70	684 22
Potatoes.....	508	44	225 17
Rye.....	25	80	20 00
Clover seed.....	5 1/2	3 90	21 50
Chicken feed.....	182	30	55 42
Soybean hay.....	55 tons	5 00	275 00
Clover hay.....	9 1/4 tons	5 15	49 00
Alfalfa hay.....	31 tons	9 51	294 90
Timothy hay.....	15 1/2 tons	6 15	95 81
Silage corn.....	25 tons	4 00	100 00
Fodder.....	6 tons	3 66	22 00
Cotton.....	3/4 ton		89 97
Straw.....	Stack		5 00
Straw.....	1 ton		7 00
			\$9 055 80

*Range of prices*

Wheat.....	from \$	41 to	\$2 00
Oats.....	from	28 to	75
Barley.....	from	45 to	64
Corn.....	from	30 to	90
Potatoes.....	from	24 to	70
Soybeans.....	from	90 to	3 00

**EXHIBIT C**  
**SALES OF MEAT, MEAT ANIMALS, POULTRY, AND**  
**POULTRY PRODUCTS**

(1) *Purchased from Other Divisions*

<i>Date</i>	<i>Purchased from</i>	<i>Material</i>	<i>Cost</i>	<i>Purpose Used for</i>
July, Aug.	Swine	Hogs	\$119 07	Project 1061
Sept., 1928	Pathology	Cattle, chickens	495 44	Surplus Material Project 1205
	Sheep	Lambs	181 35	An. Husb. 24, An. Husb. 36
	Genetics	Chickens	78 70	Surplus Material
Oct., 1928	Beef cattle	Cattle, calves	424 52	An. Husb. 24, An. Husb. 36
	Swine	Hogs	168 96	An. Husb. 24, An. Husb. 36
	Nutrition	Chickens	23 04	Surplus Material
	Genetics	Chickens	57 72	Surplus Material
	Pathology	Chickens	448 12	Project 1205
Nov., 1928	Beef Cattle	Cattle	622 40	Project 1057
	Pathology	Chickens, hogs	493 76	Project 1205, surplus material
	Poultry	Chickens	48 60	Surplus material
	Sheep	Sheep	56 52	An. Husb. 24, An. Husb. 36
Dec., 1928	Beef Cattle	Cattle, calves	361 00	An. Husb. 36
	Pathology	Chickens	356 04	Project 1205
Jan., and Feb., 1929	Swine	Hogs	188 62	An. Husb. 10
	Beef Cattle	Cattle, calves	221 63	Color studies
	Sheep	Lambs	141 48	Projects 322, 323
	Beef Cattle	Cattle	250 28	Project 1057
	Poultry	Chickens	275 43	Surplus material
	Pathology	Chickens	298 84	Project 1205
	Swine	Hogs	205 95	An. Husb. 10
March, 1929	Sheep	Lambs	39 15	An. Husb. 10
	Swine	Hogs	128 09	An. Husb. 10
	Beef Cattle	Cattle	106 00	Project 1057
	Poultry	Chickens	20 40	Surplus material
	Pathology	Chickens	265 92	Project 1205
	Dairy Dept.	Cattle	81 48	An. Husb. 10
April, 1929	Pathology	Chickens	112 10	Project 1205
	Poultry	Chickens	214 80	Surplus material
	Swine	Hogs	322 35	Project 1060, students judging contest
	Sheep	Sheep	145 40	An. Husb. 10, students judging contest
May, 1929	Beef Cattle	Cattle	326 88	An. Husb. 10
	Swine	Hogs	419 45	Project 1069
	Dairy Dept.	Cattle	211 00	An. Husb. 10
	Poultry	Chickens	65 05	Surplus material
	Pathology	Chickens	308 00	Project 1205
	Sheep	Lambs	13 60	Surplus material
June, 1929	Poultry	Chickens	112 50	Project 1205
	Swine	Hogs	403 93	Project 1069
	Pathology	Hogs	90 00	Surplus material
July, Aug., Sept.,	Swine	Hogs	241 30	Project 1069
Oct., 1929	Sheep	Lambs	53 76	An. Husb. 24, An. Husb. 36
	Dairy Dept.	Beef	54 00	Surplus material
	Swine	Hogs	206 61	Project 1054, An. Husb. 24, An. Husb. 36
(2) <i>Purchased from Outside</i>				
Aug. 6, 1928	Swift and Co.	Steer ribs and feet	51 98	Projects 1058, 243
		Steer ribs		
Aug. 13, 1928	Swift and Co.	and shanks	223 36	Projects 1058, 243
Oct. 11, 1928	Nelson-Picard Co.	Pork	60 08	An. Husb. 24, An. Husb. 36
Dec. 5, 1928	Cudahy Packing Co.	Beef	280 74	An. Husb. 24, An. Husb. 36
Jan. 4, 1929	Swift and Co.	Beef ribs	310 08	Projects 1067, 1068
Feb. 20, 1929	Swift Canadian Co.	Wiltshires	47 88	An. Husb. 10
Feb. 28, 1929	Cudahy Packing Co.	Beef, lamb	380 82	Little International Meat Exhibit
March 4, 1929	Nelson-Picard Co.	Pork	8 90	An. Husb. 36 (Balance on account)
April 19, 1929	Swift and Co.	Beef, lamb	327 69	Students judging contest
May, 1929	Palace Market	Beef	32 49	For Home Economics Class
Sept., 1929	Cudahy Packing Co.	Beef	274 37	An. Husb. 24, An. Husb. 36
Oct., 1929	Cudahy Packing Co.	Beef, lamb	508 46	An. Husb. 24, An. Husb. 36

\$11 968 09

**SUMMARY OF SALES**  
 JULY 1, 1928—NOVEMBER 1, 1929

Division	Sales Not Made Thru Salesroom		Sales Made Thru Salesroom	
	Amount	Percent of Total	Amount	Percent of Total
Beef Cattle.....	\$34 793 38	93.5	\$2 312 67	6.5
Sheep.....	6 137 44	91.4	579 50	8.6
Swine.....	8 241 23	82.1	1 793 79	17.9
Poultry.....	2 867 63	33.0	5 803 68	67.0
Genetics.....	162 77	54.4	136 42	45.6
Animal Pathology.....			3 003 74 <sup>1</sup>	
Meats.....			11 656 96 <sup>2</sup>	
<b>Total.....</b>	<b>\$52 202 45</b>	<b>67.4</b>	<b>\$25 286 76</b>	<b>32.6</b>

<sup>1</sup>Mainly poultry.

<sup>2</sup>Minus the amounts above credited to other divisions.

**EXHIBIT D**  
**SALES OF DAIRY PRODUCTS**  
 OCTOBER 25, 1928 TO OCTOBER 25, 1929

Products	Unit	Total Sales	Retail Price	Wholesale Price	Price to Fraternities and Clubs	Quantity Prices not Wholesale	
Acidophilus.....	Qts.	\$ 623 06	\$ 25	\$ 20	\$ 20		
Acidophilus.....	Gals.		1 00	80	80		
Bulgariac.....	Qts.	875 66	12	10	11		
Bulgariac.....	Gals.	94 29	40	35	36		
Butter W.....	Lbs.	29 138 19	1 cent above local wholesale price				
Butter R.....	Lbs.	4 074 65	5 cents below wholesale price				
Butter P.....	Lbs.	909 28	cream patrons get butter at 4c over price butterfat in				
Buttermilk.....	Gals.	347 67		03		sour cream	
Cheese C.....	Pkgs.	2 350 47	20-12 oz.	20-16 oz.	22-16 oz.		
Cheese C.....	Curd lb.	99 76	18	16	18		
Cheese N.....	4 oz. Pkgs.	141 65	10	10	10		
Cheese P.....	Pkgs.	185 60	10	10	10		
Chocolate M.....	¼ pts.	811 42	05	035	04		
Chocolate M.....	Qts.	94 37	15	12	13		
Condense.....	Gals.	2 170 56		05 ¾ lb.			
Cream-18%.....	Gals.	599 70		1 50 Restaurants			
Cream-22%.....	¼ pts.	5 625 67	17	15	15		
Cream-22%.....	Qts.	3 304 09	65	46	53		
Cream-32%.....	Qts.	511 89	95	75	83		
Cream-32%.....	¼ pts.	3 853 86	25	22	23		
Cream-32%.....	Gals.	205 35		1 76			
Cream-40%.....	Qts.	372 83	1 15	93	1 00		
Cream-40%.....	Gals.	700 56		2 20			
Cream-36%.....	Gals.	790 39		1 98			
Ice Cream.....	Qts.	2 521 86		40	40	50 up to 4	
Vanilla.....	Qts.			35	35	40 more than 4	
Ice Cream.....	Gals.	527 01	1 50-1	1 20-1-2	1 25	vanilla	
			1 40-1-3	1 10-3 up	1 35	fruits and flavors	
			1 30-3-5		1 50	fruits out of season	
			1 25-5 up				
Dixies.....	Doz.	1 217 46	60	45	50		
Frappe.....	Gals.	True Fruit	1 40	1 25	1 25		
		Imitation	95	85			
Polar Bars.....	Doz.	1 651 60	1 20	90	95		
Salad.....	Qts.	281 90	1 00	90	90		
Special.....		197 70					
Milk.....	¼ pts.	2 715 64	05	035	04		
Milk.....	Qts.	41 826 84	14	12	13		
Milk.....	Gals.	8 288 67	45 only at creamery	38	40		
Skim milk.....	Gals.	3 094 88	20	15 less than 15	10		
				12 more than 10	18		
Starter.....	Gals.	704 63	22	17			
Sundries.....		772 37					
Condensing.....	Gals.	558 10		10			
Testing.....		171 55					
Chemical Sterilizer		57 75		17			
Packing.....		42 00					
<b>Total Sales.....</b>		<b>\$122 510 93</b>					

*EXHIBIT E*  
SUMMARY OF SALES, 1928-29  
FLORICULTURE

Total Sales		
Wholesale.....		\$3 044 08
Retail.....		2 559 28
		\$5 603 36

Note: This statement does not agree with the Comptroller's figures as it does not take into consideration charges not collected by the end of fiscal year and the amount paid out in postage which was charged against the customers.

I. TOTAL FLOWERS SOLD

<i>Carnations</i>			
Wholesale.....	19 714	\$834 50	
Retail.....	1 018	151 50	
Total.....	20 732		\$986 00
<i>Roses</i>			
Wholesale.....	17 802	948 38	
Retail.....	3 743	812 12½	
Total.....	21 545		1 760 50½
<i>Chrysanthemums</i>			
Wholesale.....	2 634	178 38	
Retail.....	977	195 00	
Retail, assorted.....		79 30	
Total.....	3 611		452 68
Note: Chrysanthemums include both large flowers and sprays. Assorted includes both.			
<i>Calendulas</i>			
Wholesale.....	497	15 30	
Retail.....	204	30 00	
Total.....	701		45 30
<i>Sweet Peas</i>			
Wholesale.....	16 650	196 37½	
Retail.....	3 450	152 25	
Total.....	20 100		348 62½
<i>Snopdragons</i>			
Wholesale.....	436	35 08	
Retail.....	396	79 00	
Total.....	832		114 08
<i>Gladioli</i>			
Wholesale.....	1 017	89 27	
Retail.....	64	16 00	
Total.....	1 081		105 27
<i>Violets</i>			
Wholesale.....	675	6 75	
Retail.....	2 000	60 50	
Total.....	2 675		67 25
<i>Callas</i>			
Wholesale.....	356	68 58	
Total.....			68 58
<i>Orchids</i>			
Wholesale.....	17	22 50	
Retail.....	24	12 00	
Total.....	41		34 50
<i>Daisies</i>			
Retail.....	63 bunches	47 25	
Total.....			47 25
<i>Pansies</i>			
Retail.....	82 bunches	41 00	
Total.....			41 00
<i>Greens</i>			
Wholesale.....		14 21	
Total.....			14 21

<i>Plants</i>			
Wholesale.....	4 955	448 36	
Retail.....	688	286 20	
Total.....	5 643		734 56
<i>Miscellaneous flowers</i>			
Wholesale.....		181 39	
Retail.....		472 86	
Total.....			654 25
Note: Flowers sold in mixture, no record kept of varieties.			
<i>Made-up work</i>			
Wholesale.....		5 00	
Retail.....		124 30	
			129 30
			<u>\$5 603 36</u>

PRICES

The variation in prices is due to variation in quality, season, and abundance of stock upon the market.

*Carnations*

Wholesale, \$.01, .02, .03, .04, .05 each.  
Retail, \$1.00, 1.50, 2.00 per dozen.

*Roses*

Wholesale, \$.02, .03, .04, .05, .06, .08, .10, .15 each.  
Retail, \$1.00, 1.50, 2.00, 2.50, 3.00, 4.00 per dozen.

*Chrysanthemums*

Wholesale, single blooms, \$.08, .10, .25 each; sprays, \$.03, .03 1/2 each.  
Retail, single blooms, \$.50, .75 each; sprays, \$1.50, 2.00 per dozen.

*Calendulas*

Wholesale, \$.02, .03, .04, .06 each.  
Retail, \$1.50, 2.00 per dozen.

*Sweet Peas*

Wholesale, \$.25, .35, .37 1/2, .38 per bunch of 25.  
Retail, \$.75, 1.00, 1.25, 1.50 per bunch of 25.

*Snapdragons*

Wholesale, \$.04, .05, .06, .07, .10 each.  
Retail, \$2.00, 3.00 per dozen.

*Gladioli*

Wholesale, \$.08, .09, .15 each.  
Retail, \$3.00, 4.00 per dozen.

*Violets*

Wholesale, \$.25 per bunch of 25.  
Retail, \$.75, 1.00 per bunch of 25.

*Callas*

Wholesale, \$.12, .15, .20 each.

*Orchids*

Wholesale, \$.50, 1.50 each.  
Retail, \$.50 each (Cypripediums).

*Daisies*

Retail, \$.75 per bunch (15 to 18).

*Pansies*

Retail, \$.50 per bunch (12 to 15).

Note: The few daisies and pansies sold at wholesale are included under miscellaneous.

*Plants*

Wholesale, \$.01, .02, .03, .04, .06, .07, .10, .12, .15, .18, .20, .24, .25, .50, .75 each.  
Retail, \$.10, .15, .20, .25, .35, .50, .75, 1.00, 1.25, 1.50, 2.00 each.

II.

The prices received for flowers, sold at retail, are the same as are received by local florists. These are higher than local prices in the sense that the University flowers must be called for while the florists deliver theirs.

The prices received for flowers sold at wholesale are the same as the local florists pay for them when bought from wholesalers.

The prices vary from time to time dependent upon the quality, the season of the year and the abundance of stock upon the market.

Surplus stock, for which there is no sale, is sent to the University Hospital.

III.

The flowers sold both at retail and at wholesale are those not required in class work. With the increase in the number of students, the quantity of flowers available for sale has decreased.

The flowers are sold direct to the public at retail prices and to the local florists at wholesale prices.

IV.

All flowers sold, except in exceptional cases, are called for by both retail and wholesale customers. Only in cases when flowers are ordered for funerals or when orders come from out of town are they delivered.

**EXHIBIT F**  
**QUANTITIES OF FRESH VEGETABLES SOLD**  
**JULY 1, 1928 TO JUNE 30, 1929**

	<i>Cents</i>		<i>Cents</i>
Asparagus, bunches.....	5 358	Muskmelon, doz.....	71
Beans, Lima, lbs.....	208	Mustard, lbs.....	285
Beans, String, lbs.....	2 323	Onions, green, bunches.....	1 699
Beets, bunches.....	1 553	Onions, ripe, lbs.....	4 394
Beets, lbs.....	3 936	Parsley, bunches.....	1 706
Cabbage, lbs.....	16 409	Parsnips, lbs.....	2 594
Carrots, bunches.....	918	Peas, lbs.....	1 348
Carrots, lbs.....	8 225	Peppers, doz.....	1 002
Cauliflower, heads.....	344	Potatoes, lbs.....	6 999
Celery, doz.....	74	Radishes, bunches.....	1 148
Celery Cabbage, heads.....	176	Rhubarb, lbs.....	6 445
Celeriac, lbs.....	231	Rutabagas, lbs.....	262
Corn, green, doz.....	783	Salsify, bunches.....	447
Cucumbers, doz.....	283	Spinach, lbs.....	3 227
Eggplant, doz.....	129	Squash, summer, doz.....	131
Endive, lbs.....	36	Squash, winter, lbs.....	1 563
Kale, lbs.....	101	Sweet Potatoes, lbs.....	2 791
Kohlrabi, bunches.....	378	Swiss Chard, lbs.....	133
Leeks, bunches.....	323	Tomatoes, lbs.....	33 272
Lettuce, leaf, lbs.....	1 759	Turnips, bunches.....	389
Lettuce, head, heads.....	635	Water Cress, bunches.....	155
Mint, bunches.....	23		

**RETAIL PRICES OF VEGETABLES SOLD**  
**JULY 1, 1928 TO JUNE 30, 1929**

Asparagus, bunch.....	15-20	Muskmelon, each.....	5-25
Beans, Lima, lb.....	10	Mustard, lb.....	10
Beans, string, lb.....	5-15	Onions, green, bunch.....	5
Beets, bunch.....	5	Onions, ripe, lb.....	5
Cabbage, lb.....	2- 6	Parsnips, lb.....	5
Carrots, bunch.....	5	Peas, lb.....	5-20
Carrots, lb.....	5	Peppers, each.....	1- 5
Cauliflower, each.....	5-20	Potatoes, lb.....	2
Celery, bunch.....	5-15	Radishes, bunch.....	5-10
Celery Cabbage, each.....	10-20	Rhubarb, field, lb.....	5-12
Celeriac, lb.....	10-15	Rhubarb, hothouse, lb.....	15-25
Corn, green, doz.....	15-30	Rutabaga, lb.....	5- 6
Cucumbers, field, each.....	2-15	Salsify, bunch.....	15
Cucumbers, hothouse, each.....	10-30	Spinach, lb.....	10-20
Eggplant, each.....	5-25	Squash, summer, each.....	5-15
Endive, lb.....	10-20	Squash, winter, lb.....	5
Kale, lb.....	8-10	Sweet Potatoes, lb.....	3- 6
Kohlrabi, bunch.....	5	Swiss Chard, lb.....	10
Leeks, bunch.....	10	Tomatoes, field, lb.....	2-15
Lettuce, leaf, lb.....	10-20	Tomatoes, hothouse, lb.....	15-30
Lettuce, head, each.....	5-15	Turnips, bunch.....	5
Mint, bunch.....	5	Watercress, bunch.....	5

**EXHIBIT G**  
**QUANTITIES OF FRUIT AND FRUIT PRODUCTS SOLD**  
**JULY 1, 1928 TO JUNE 30, 1929**

Apples, bushels.....	2 915	Plums, cases of 24 qts.....	272
Blackberries, cases of 24 qts.....	14	Raspberries, black, cases of 24 qts.....	9
Cherries, cases of 24 qts.....	247	Raspberries, Purple cane, cases of 24 pts..	9
Cider, gals.....	3 125	Raspberries, red, cases of 24 pts.....	8
Currants, cases of 24 qts.....	4	Strawberries, cases of 24 qts.....	91
Gooseberries, cases of 24 qts.....	6	Vinegar, gals.....	969
Grapes, lbs.....	11 813		

**PRICES OF FRUIT AND FRUIT PRODUCTS SOLD**  
**JULY 1, 1928 TO JUNE 30, 1929**

Apples, bu.....	\$1 25-3 00	Plums, qt.....	10-15
Blackberries, qt.....	20	Raspberries, black, qt.....	25-30
Cherries, qt.....	15	Raspberries, purple cane, pt.....	20
Cider, gal.....	60	Raspberries, red, pt.....	25
Currants, qt.....	20- 30	Strawberries, qt.....	15-18
Gooseberries, qt.....	15- 20	Vinegar, gal.....	50
Grapes, lb.....	06- 10		

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

**PENNSYLVANIA AVENUE**

(C) I am making this report for, and at the request of, President Chase. I suggest that the Board, through its proper officers, propose to Mr. Lyle Gallivan the selection of a referee agreeable to both sides to determine the points in controversy concerning the survey of the Gallivan property, the line of which, our people contend, extends over on our property, the expense to be divided equally between the two parties.

I also recommend the adoption of Professor J. M. White's recommendation contained in his letter of July 4, 1930.

I recommend that this matter be referred to the Committee on Buildings and Grounds.

On motion of Mr. Fisher, this matter was referred to the Committee on Buildings and Grounds for consideration and report.

The Board resumed its consideration of matters presented by President Chase.

**ADDITIONAL APPOINTMENTS TO THE CLINICAL STAFF IN THE COLLEGE OF MEDICINE**

(2) The Dean of the College of Medicine recommends the following additional appointments to the non-salaried clinical faculty for the year 1930-31.

Dr. Paul L. Schroeder, Associate Professor and Head of the Department of Social Hygiene, Criminology, and Medical Jurisprudence.

Dr. Rachelle S. Yarros, Professor of Social Hygiene.

Dr. George L. Mohr, Associate in Criminology.

These appointments are for one year from September 1, 1930. I recommend approval.

On motion of Dr. Noble, these appointments were approved.

**CONTINUATION OF DEAN T. A. CLARK IN ACTIVE SERVICE**

(3) In order to preserve continuity in the administration of student affairs at this time of transition in the general University administration, I recommend that Dean Thomas Arkle Clark be continued in active service as Dean of Men and Professor of Rhetoric, for one year from September 1, 1930, at his present salary of \$8,000.

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

**LEAVE OF ABSENCE FOR DR. SIMEON BERMAN**

(4) The Dean of the College of Medicine reports that Dr. Simeon Berman, Associate in Pediatrics, is in London ill with Malta fever, that his convalescence may be indefinite and therefore he cannot be certain of being back for the first semester of 1930-31. In view of this situation I recommend that Dr. Berman be given a leave of absence without pay from September 1, 1930, to February 1, 1931.

On motion of Mr. Armstrong, this leave was granted.

**C. P. A. CERTIFICATES**

(5) The Committee on Accountancy recommends that the following candidates, who are certified by the Board of Examiners in Accountancy as having passed the May, 1930, examination, be awarded C. P. A. certificates. I concur in this recommendation.

EARLE DICKINSON ATWATER

VICTOR ORLANDO BERGQUIST

MARTIN LEE BLACK, JR.

CLARENCE BAILEY COX

ARTHUR CLARENCE DROEGEMUELLER

HOMER LLOYD DRULEY

ROBERT GILMAN ELY

RUSSELL JOHN FOX

WALTER F. FRESE

SYDNEY GORDON GLAYSHER

MORTON F. HASLACHER

CHARLES GEORGE KAISER

CHARLES PAUL KRIES

JAMES P. LINNEN

GAZE ELMER LUKAS

KENNETH EVERETT MILLER

FORREST GLENN PADDOCK

JAMES GLADSTONE PHILLIPS

SAMUEL A. SAKOLSKY

RALPH HUGH SCHUETTE

LESTER CHARLES SIMONS

LEE JAMES SKONER

KENNETH LEE SMITH

BERNARD M. VAUGHAN

HERMAN WENDORF

ARTHUR R. WEINSTEIN

CLINTON EDWARD WINKLER

ARTHUR W. ZIMMERMAN

RUSSELL ARTHUR ZIMMERMAN

On motion of Dr. Noble, these certificates were awarded.

**APPROPRIATION FOR EQUIPMENT IN BURSAR'S AND REGISTRAR'S OFFICES**

(6) A recommendation from the Comptroller that an appropriation of \$1,080 be made from the Reserve and Contingent Fund for the purchase of dictating equipment to be installed in the Registrar's Office and in the Bursar's division of the Business Office.

I recommend approval.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**APPROPRIATION TO THE DEPARTMENT OF HORTICULTURE**

(7) A request from the Head of the Department of Horticulture and the Acting Dean of the College of Agriculture, concurred in by the Comptroller, that the sum of \$2000 be appropriated to the Department of Horticulture from the excess receipts over the estimated receipts of that Department as of July 1, 1930, for the following purposes:

1. For the purchase of equipment, \$1000.

2. For the purchase of cans for this season's pack of vegetables, \$1000, this amount being in excess of the amount allowed for this purpose in the budget of that division for the coming year.

I recommend approval.

On motion of Mr. Simpson, this appropriation was made as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**CONTRACT WITH HINNERS ORGAN COMPANY FOR PURCHASE OF ORGAN FOR SCHOOL OF MUSIC**

(8) The Comptroller submits the following quotations on a two-manual practice organ for the School of Music. These quotations (except the first) are based on uniform specifications:

*PROPOSALS ON TWO-MANUAL PRACTICE ORGAN*

Wicks Pipe Organ Company, Highland, Illinois.....	\$1 350 00 <sup>1</sup>
Hinners Organ Company, Pekin, Illinois.....	1 440 00
The Reuter Organ Company, Lawrence, Kansas.....	2 049 00
La Marche Brothers, Chicago, Illinois.....	2 150 00
Lewis & Hitchcock, Washington, D. C.....	2 450 00

All are net prices and include delivery and installation.

The figure quoted by the Wicks Pipe Organ Company, while low, is based upon the company's specifications instead of those furnished by the University. The latter call for electropneumatic action, considered by the organ builders to be the most satisfactory, while the Wicks specifications provide for a direct electric action.

In view of these facts the Director of the School of Music and the Comptroller recommend that the bid of the Hinners Organ Company, which is the next lowest and which is based exactly on the University's specifications, be accepted. I concur in this recommendation and recommend further that the Comptroller be authorized to conclude a contract with the Hinners Organ Company at a price of \$1,440 delivered and installed (except for wiring and sheet metal connection for the blower, estimated to cost about \$50). Provision for the purchase and installation of this instrument was made in the special appropriation of \$3700 to the School of Music for 1930-31.

On motion of Mrs. Grigsby, the purchase of the Hinners organ was authorized as recommended.

<sup>1</sup>Quotation is based on their specifications instead of on uniform specifications submitted by University.

**CONTRACT WITH ILLINOIS TERMINAL COMPANY FOR CAR  
DEMURRAGE CHARGES**

(9) I report that I have authorized the Comptroller to execute as a minor contract an agreement with the Illinois Terminal Company which enables the University to secure credit for freight cars which can be unloaded in less than the required time as a partial offset for those which cannot be unloaded within the required time and on which demurrage is charged. This agreement replaces a similar contract with the Illinois Traction System, of which the Illinois Terminal Company is the corporate successor.

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

**PURCHASE OF DIPLOMAS FOR THE YEAR 1930-31**

(10) The Comptroller recommends the purchase of the diplomas which will be required during the year 1930-31 from the W. M. Welch Manufacturing Company in Chicago at a price of \$3,327.70 for 3,110 diplomas. Quotations were secured by the Purchasing Agent on uniform specifications from various manufacturers for diplomas engraved on parchment, with the Welch Company submitting the low figure. Provision for the purchase of these diplomas has been made in the budget of the Registrar's Office.

I recommend approval of this purchase.

On motion of Mr. Armstrong, this purchase was approved.

**AGREEMENT WITH CROP PROTECTION INSTITUTE FOR INVESTIGATION OF OIL-SULPHUR COMBINATIONS AS  
INSECTICIDES AND FUNGICIDES**

(11) At the meeting on May 9, 1930 (Minutes, page 584), the Board authorized the execution of an agreement with the Crop Protection Institute (headquarters at Durham, New Hampshire) for a cooperative investigation by the Agricultural Experiment Station to determine the effects of certain oil-sulphur combinations as insecticides and fungicides. Subsequently, the Dean of the College of Agriculture and the Head of the Department of Horticulture requested that this agreement be canceled because of the failure of the Company to furnish the funds for this work. This contract was canceled at the meeting of the Board on June 19, 1930.

It appears now that the Institute wishes the agreement for this investigation to go forward. In fact, the Institute has already sent the University the first payment of \$1,000 under the terms of this agreement. The Dean requests that this contract be restored and I concur.

On motion of Mr. Simpson, this contract was restored.

**INVESTIGATION OF BOILER FURNACE REFRACTORIES**

(12) On April 12, 1928 (Minutes, page 582), the Board approved an agreement with the Special Research Commission on Boiler Furnace Refractories of the American Society of Mechanical Engineers for a cooperative investigation of boiler furnace refractories by the Engineering Experiment Station. This agreement expired in November, 1929. On request of the Chairman of the Committee, the Assistant Dean of the College of Engineering recommends that this agreement be renewed now for the period of July 1 to December 1, 1930, in order to continue this investigation. The Committee agrees to contribute the sum of \$2380 for that period for the additional expenses of this investigation.

I have authorized the renewal of this agreement.

On motion of Mr. Armstrong, this action was confirmed.

**AGREEMENT WITH THE INSTITUTE OF AMERICAN MEAT  
PACKERS FOR INVESTIGATION OF BACTERIA IN  
CANNED MEAT PRODUCTS**

(13) On September 18, 1929 (Minutes, page 358), the Board approved an agreement with the Institute of American Meat Packers for a cooperative investigation of the bacteriology of canned meats by the Department of Bacteriology. This agreement will expire on September 15, 1930, and the Institute will have paid \$4,860 for the expenses of this investigation up to that date.

The Institute requests that this investigation be continued during the year 1930-31 and has agreed to finance the work in the same way as in the past year. The Institute expects to furnish up to \$3,000 more for the expenses of this work.

On request of the Head of the Department of Bacteriology, I have authorized the extension of this agreement for one year from September 15, 1930.

On motion of Mr. Fisher, this action was confirmed.

**TERMINATION OF AGREEMENT WITH CHILEAN NITRATE OF SODA COMPANY FOR INVESTIGATION OF EFFECTS OF NITRATE OF SODA ON SOILS AND CROPS**

(14) On June 11, 1929 (Minutes, page 248), the Board authorized approval of an agreement with the Chilean Nitrate of Soda Educational Bureau of New York City for a cooperative investigation of the effects of applications of nitrate of soda on soil and the crop growth under various conditions. This agreement was drawn for one year from September, 1929, with the expectation that it would be renewed, and the Company has already paid the sum of \$1,500 to cover the first year's expenses of this investigation.

The Dean of the College of Agriculture reports that the Bureau has requested the Agricultural Experiment Station to discontinue whatever plans have been made beyond the present year and has requested that the unexpended balance of \$1,317.22 remaining in the funds advanced by them be refunded.

On recommendation of the Dean, I recommend that this investigation be discontinued and that the balance indicated be returned to the Chilean Nitrate of Soda Educational Bureau of New York City in accordance with its request.

On motion of Dr. Noble, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**PAVING OF STREETS IN URBANA**

(15) The City Attorney and Corporation Counsel of Urbana reports that the County Court of Champaign County has confirmed the Mathews Avenue, Romine Street, and University Avenue pavement projects. These proposed improvements conform to the plans submitted to the Board of Trustees on May 9, 1930 (Minutes, pages 582 and 583), at which time the Board voted to cooperate in these projects.

The Supervising Architect reports that the special assessments against the University for street pavements in Urbana will be as follows:

		<i>Estimated</i>
		<i>March 13, 1930</i>
University Avenue (57 foot pavement).....	\$9 561 05	\$13 854
Romine Street (37 foot pavement).....	7 031 05	
Mathews Avenue (33 foot pavement).....	27 285 88	27 670
Mathews Avenue—former assessment against Illinois Power and Light Corporation for the block between Oregon and California Streets, now transferred to the University.....	375 04	
<i>Total Assessments for Urbana pavements.....</i>	<i>\$44 253 02</i>	<i>\$41 524</i>

Inasmuch as these amounts differ from the estimates used in the official action of the Board accepting these assessments (Minutes, May 9, 1930, page 582), I recommend that this report be received for record and that the above assessments be accepted.

On motion of Dr. Noble, these revised assessments were accepted.

**INSURANCE ON BUILDINGS UNDER CONSTRUCTION**

(16) On March 11, 1930 (Minutes, page 542), the Board authorized the placing of fire and tornado insurance on the Chemistry Building Annex, during the period of construction, with the Fidelity-Phoenix Fire Insurance Company, through the Hayes-Atkinson Agency and the Burt-Rovelstad Company, at the rate of \$.38 per \$100. On April 9, 1930 (Minutes, page 566), a report was made that the company was unwilling

to write the insurance at the rate quoted by the local representatives, and a recommendation was made that the insurance be placed with the next low bidder, Boggs & Cogdall, representing the Hartford Fire Insurance Company or the Phoenix Company of Hartford, at a net cost of \$.3888 per \$100. This agency shortly thereafter withdrew its proposal and declined to accept the business. All of these representatives are local agencies.

The Comptroller and the Supervising Architect now present a new schedule of proposals received on insurance for the Chemistry Annex, Woman's Gymnasium, and the Medical and Dental Laboratories. The low bidder on the Chemistry Annex and the Woman's Gymnasium is the firm of McKey & Poague of Chicago, with a quotation of \$.42 per \$100 per year, and the low bidder on the Medical and Dental Laboratories is Moore, Case, Lyman, & Hubbard of Chicago, with a quotation of \$.18 per \$100 per year. They recommend that the proposal of these two firms be accepted. All insurance is to cover fire and tornado risks and is to be in the automatic builders risk form with 100% coinsurance.

I concur in these recommendations.

On motion of Mr. Trees, the officers of the University were authorized to place this insurance as recommended.

**CONTRACT FOR LABORATORY EQUIPMENT FOR  
CHEMISTRY ANNEX**

(17) The Supervising Architect submits the following schedule of bids opened on July 18, 1930, for the laboratory equipment for the Chemistry Annex building:

*CHEMISTRY ANNEX LABORATORY EQUIPMENT  
BID SCHEDULE*

A—If lead-coated copper-bearing steel is substituted for asbestos lumber specified, deduct.

B—Add or deduct if chemical stoneware is substituted for alberene stone for sinks except in Lecture Room 113.

<i>Bidders</i>	<i>Base Bids</i>	A		B	
		<i>Deduct</i>	<i>Add</i>	<i>Deduct</i>	<i>Deduct</i>
1. Walrus Mfg. Co., Decatur, Ill.....	\$48 712 00	\$5 750 00			
2. Kewaunee Mfg. Co., Kewaunee, Wis.....	48 156 80	698 65	\$2 056 90 (Knight)		
3. Sheldon & Co., Muskegon, Mich.....	48 828 55	200 00			\$ 40 00 If used on student tables
4. Welch Mfg. Co., Chicago, Ill.....	51 024 85	738 00			
5. Monroe Benbrook & Co., Chicago, Ill.....	59 376 00				
6. Kimball Co., Chicago, Ill.....	59 997 42	341 00			200 00
7. Peterson & Co., Chicago, Ill.....	64 917 15	560 00			875 00
8. Fisher Co., Charles City, Iowa.....	65 000 00	2 250 00			530 00
9. Laboratory Furniture Co., Long Island City, N. Y.....	\$73 400 00 (Steel)				

July 18, 1930

The low bidder is the Kewaunee Manufacturing Company of Kewaunee, Wisconsin, but the alternate bid of the Walrus Manufacturing Company of Decatur provides for a so much larger deduction if lead-coated copper-bearing steel ducts are used in the desks for down draft hoods in place of asbestos lumber, that if advantage

is taken of this deduction the Walrus Company's bid is low. The Head of the Department of Chemistry believes that this substitution can be accepted to advantage.

The Supervising Architect therefore recommends that the contract be awarded to the Walrus Manufacturing Company of Decatur at their bid of \$48,712.00, less the deduction of \$5,750, making a net bid of \$42,962, the University to reserve the option of substituting, without change in price, chemical stoneware sinks for the alberene sinks which were specified.

I recommend approval.

On motion of Mrs. Evans, this contract was awarded to the Walrus Manufacturing Company as recommended.

#### CONTRACT FOR VENTILATION IN WOMAN'S GYMNASIUM

(19) At the meeting of the Board on June 10, 1930, a schedule of bids was submitted for the ventilating of the Woman's Gymnasium. All of these bids were rejected because the bids for the general contract were so high that the building could not be constructed within the appropriation. Consequently, the plans were modified and revised bids received. Since modified plans involved very little change in the ventilating, no revised bids were taken on this installation. However, some revisions have been made in this work to reduce the expense and the Supervising Architect recommends that the contract for this work be awarded to Harry Derrough of Champaign, who was the low bidder, on the basis of a deduction of \$1,160 from his original bid of \$4,940, making a net bid of \$3,780.

I recommend approval.

On motion of Mr. Trees, this contract was awarded to Harry Derrough as recommended.

#### BOILER HOUSE ADDITION

(19) The following report from the Supervising Architect of work done on the remodeling of the Boiler House under the general authorization given by the Board of Trustees on June 19, 1930 (Minutes, page 704):

(1) The Alphons Custodis Chimney Construction Company (who built the present stack) bid \$2,440 on the changes necessary in cutting two new openings at a higher level and bricking up the old one. The order has been placed with them because, under the circumstances, they will continue to be responsible for the stability of the stack.

(2) In the raising of the two boilers, it is necessary for the Babcock & Wilcox Company, who manufactured the present boilers, to furnish the necessary supporting and housing equipment for the greater height of the boilers. This has been carefully detailed; their proposal is \$4,409.00, and the order has been placed with them.

(3) The additional steel for the building reconstruction has been ordered from the Mississippi Valley Structural Steel Company of Decatur. This firm can give quick delivery on material which has to be specially detailed to fit in with the present steel frame of the building. The amount of this order is \$3,644.00.

The following are bids which have been received on the setting of the two boilers:

National Power Construction Co., Chicago.....	\$7 260 00
O. H. Warwick Co., Chicago.....	6 520 00
Geo. Allen & Co., Chicago.....	7 780 00

The Supervising Architect recommends that the contract be awarded the O. H. Warwick Company, low bidder, on the basis of their bid of \$6,520.00.

The following bids have been received on stokers (the new type of forced draft stokers):

Johnson & Jennings Co., Cleveland	
Two Stowe stokers.....	\$ 9 660 00
Illinois Stoker Co., Alton	
Two stokers.....	11 000 00
Babcock & Wilcox Co., Chicago	
Two stokers.....	11 471 00

The Supervising Architect recommends that the contract be awarded to Babcock & Wilcox Company on the basis of their bid of \$11,471.00, because of the higher quality of their equipment and because there is an advantage in having this firm, which manufactured the present boilers, do the work to centralize the responsibility for the results. The recommendation was concurred in by Professors Leutwiler, Polson, and Kratz of the Department of Mechanical Engineering, letters from all of whom were submitted with the recommendation.

It will also be necessary to purchase fans at an estimated cost of \$2,500.00, and to erect a new stack at an estimated cost of \$12,000.00. Bids on the fans and stack will be submitted later. The Supervising Architect requests action on these by the Executive Committee when the bids are in.

In connection with these proposals the Comptroller submits a request for authority to purchase 290 boiler tubes from Joseph T. Ryerson and Sons at a price of \$1,616.63. Quotations on this material were secured from the Purchasing Agent and the Ryerson Company is one of two low bidders. Provision for this purchase is made in the State Appropriation for the Boiler House.

I concur in the recommendations with reference to the award of the contracts, and recommend that the purchase of the boiler tubes be authorized, and submit the report of the other work for record.

On motion of Mr. Fisher, the contract for setting the boilers was awarded to the lowest bidders, the O. H. Warwick Co., as recommended.

On motion of Dr. Noble, the contract for stokers was awarded to the Babcock & Wilcox Co., the highest bidders, as recommended.

On motion of Mr. Armstrong, the purchase of boiler tubes was authorized as recommended. Mr. Fisher requested to be recorded as not voting on this motion.

**AWARD OF CONTRACT FOR SANITARY AND STORM SEWER LINES**

(20) The Supervising Architect submits the following bids, received on July 22, on the sanitary and storm water sewers for the Woman's Gymnasium and a storm sewer line to be connected with the new 39 inch Wright Street sewer:

*DRAINAGE LINES  
WRIGHT STREET EXTENSION AND WOMAN'S GYMNASIUM  
BID SCHEDULE*

(1) Sanitary Line "A".								
(2) Sanitary Line "B".								
(3) Storm line marked "C" using 24 in. reinforced concrete pipe as specified.								
(4) Storm line marked "C" but using 24 in. non-reinforced concrete pipe.								
(5) Storm line marked "C" but using 24 in. No. 2 double-strength hub and socket sewer tile.								
(6) Storm line marked "D" complete as shown.								
<i>Bidders</i>	(1)	(2)	(3)	(4)	(5)	(6)		
1. Christensen Bros.....	420 84	706 05	3 588 88	3 172 64	3 046 80		} 36-30 Reinf. Con.	
2. Johnson Bros.....	No bid							
3. Kent & Co.....	355 00	563 00	2 835 00	2 448 00	2 545 00	4 490 00		
4. L. Linderman.....	(1) 353 50	537 95						
5. Wm. O'Brien.....	No bid							
6. Frank Somers.....	587 50	773 40	4 051 60	3 712 80	3 519 20	4 729 60		
		(2)—537 95						
		(4)—2448 00						
		(6)—4490 00						
		7475 95						

He recommends:

1. That the contract for the sanitary sewer for the Woman's Gymnasium be awarded to Mr. L. Linderman, the low bidder, but that the higher one of his two bids, which is \$537.95, be accepted, because the location of that line is more favorable than the cheaper one, and the difference in the cost is not great.

2. That the contract for storm drains, starting at Iowa and Lincoln Avenues in Urbana and extending up to where a branch can be taken for the Woman's Gymnasium, be awarded to Kent & Company on the basis of their bid of \$2448. This is for 24" concrete tile.

3. That the contract for a 36" extension of a drain from the Wright Street sewer, west along Armory, reduced to a 30" drain at Sixth Street, and extended south to Gregory Drive—this tile to be of reinforced concrete—be awarded to Kent & Company on the basis of their low bid of \$4490.

The total of these contracts will amount to \$7,475.95. Funds for this work are available in the Physical Plant Extension Appropriation.

I recommend award of these contracts as indicated in each case.

On motion of Mr. Simpson, the contract for the sanitary sewer was awarded to Mr. Linderman, on the basis of his bid of \$537.95, as recommended.

On motion of Mrs. Grigsby, the contract for storm drains for the Woman's Gymnasium was awarded to Kent & Co., the lowest bidder, as recommended.

On motion of Mr. Trees, the contract for storm drains connecting with the Wright Street system was awarded to Kent & Co., the lowest bidder, as recommended.

#### CHARGES AGAINST ILLINOIS UNION FOR STEAM AND ELECTRICAL INSTALLATIONS

(21) Certain changes have been made for the Illinois Union in the steam returns and electrical conduits between the Campus and the Union Building at a total cost of \$2,678.02. The Board of Directors of the Illinois Union request permission to reimburse the University for this work on a deferred-payment plan to begin September 1, 1931, and to be spread over a period of four years, payments to be made monthly, and to be prorated to the heat, light, and power bills submitted by the University for these services.

The Supervising Architect and the Comptroller recommend approval, and I concur.

On motion of Dr. Noble, this recommendation was approved.

#### PAYMENT OF PATENT ATTORNEY FEES

(22) The Supervising Architect submits statements from Brown, Jackson, Boettcher, & Diener, patent attorneys for fees and services in connection with certain patent cases as follows:

Dana Burks, Jr., Case 1—Chemical Treatment of Water.....	\$309 00
Dana Burks, Jr., Case 2—Means and Method of Freezing a Clear Block of Ice.....	285 20
Paine, Brown, and Tykociner—Cable Testing Invention.....	50 00
Buswell & Boruff, Case 1—Cellulose Digestion.....	15 00
Disbursements.....	4 11
Babbitt & Schlenz, Case 1—Sludge Digestion.....	32 00
Total.....	\$695 31

These statements are submitted to the Board for approval. Provision has been made in the budget for 1930-31 for the payment of such expenses.

On motion of Mr. Fisher, this payment was authorized.

#### PURCHASE OF SHELVING MATERIAL FOR LIBRARY

(23) The Supervising Architect requests authority to place an order with the Palttridge Metal Equipment Company for bases and shelving, to be used in connection with some old shelving material left over when the Library was moved to the new building, for the construction of newspaper shelving in the south basement of the Library Building, at a price of \$4,943.80, f.o.b. trucks at the building. The cost of this material will be charged to the Physical Plant Extension Appropriation.

I recommend that this purchase be authorized.

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

**CONTRACT FOR CATTLE FEEDING PLANT AND  
AGRONOMY SEED HOUSE**

(24) The Supervising Architect reports that on July 18, 1930, bids were received on the general contract and equipment for the addition to the Cattle Feeding Plant, with Mrs. Laura B. Evans of the Board present at the opening of these bids. The low bidder on the general contract was the Keystone Construction Company of Kansas City with a bid of \$43,750; the low bidder on the equipment was the Webster Manufacturing Company of Bloomington, Illinois, with a bid of \$20,976. These bids exceed the available balance (\$54,606.30) in the appropriation of \$115,000 made by the last General Assembly for additions to the Cattle Feeding Plant and the Agronomy Seed House.

The general contract bid includes rebuilding two of the present silos, estimated by the contractor to cost \$4,780, which may be charged against the Physical Plant appropriations for maintenance. One of the items in the equipment schedule, a grain dryer estimated to cost \$3,343, may be purchased out of the special equipment fund of the College of Agriculture. The electric wiring, estimated to cost \$1,270, can be done by the Physical Plant Division after the completion of the general contract. The bid also provides for a credit of \$245 on roofing. By taking this credit and eliminating the cost of the rebuilding of the two silos, the electric wiring, and the grain dryer from the bids the net contract price can be reduced to \$53,866, which is within the balance available for this work.

The Supervising Architect recommends that this plan be followed and that the contract for the general work be awarded to the Keystone Construction Company of Kansas City, low bidder, on their base bid of \$43,750, with the deductions indicated; and that the equipment contract be awarded to the Webster Manufacturing Company of Bloomington, Illinois, on the basis of their bid of \$20,976.

I recommend approval.

On motion of Mr. Trees, these contracts were awarded as recommended, and the plan of procedure proposed by the Supervising Architect was approved.

**ROYALTIES ON PHOSPHORUS TEST SOLUTION**

(25) On December 12, 1929 (Minutes, page 464), the Board voted to enter into an agreement with the Urbana Laboratories giving them the exclusive right to manufacture and sell a solution known as the "Field Test for Available Phosphorus in Soils," under the trade name of "Hi-Lo-Fosphate." The University has applied for a patent on this solution. Under the terms of this contract a royalty of ten cents a quart is to be paid the University on all sales of this product by this Company. At the meeting of the Board on February 5, 1930 (Minutes, page 512), a report was made of the receipt of \$10.04 in royalties up to December 31, 1929. The Comptroller now reports the receipt of \$42.05 in royalties for the first quarter and \$32.39 for the second quarter of 1930, making a total of \$85.38 received to June 30, 1930.

This report was received for record.

**GIFTS TO THE UNIVERSITY**

(26) The following report of gifts received and accepted since the last report was made to the Board:

1. From the Standard Brands Incorporated of New York a renewal of the \$3,500 grant made by the Fleischmann Yeast Company in 1929, known as the Fleischmann Research Fund, (Minutes, April 10, 1929, page 161) for research work on the effect of yeast on the digestive tract. One-half payment of \$1,750 for this fund for 1930-31 has been received and deposited with the Comptroller.

2. From Mr. Robert F. Carr, the sum of \$900 for research work on allergy (asthma, hay fever, etc.) in the College of Medicine, this being the second payment on his gift of \$1,800 for this work. (Minutes, February 20, 1930, page 530, and May 9, 1930, page 584.)

3. From the Chicago Bridge and Iron Works, specimens of structural steel, for use in the cooperative investigations of Biaxial Stresses and of Riveted Connections toward which the Company has also advanced \$1,700 for each investigation (Minutes, March and April, 1928, pp. 565 and 582).

This report was received for record.

**REGISTRAR'S REPORT OF FEES**

(27) The following report from the Registrar of fees assessed for the second semester of 1929-30:

**REGISTRAR'S REPORT OF FEES ASSESSED  
SECOND SEMESTER, 1929-30  
URBANA DEPARTMENTS**

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 3 880 00		
<b>Incidental Fees</b>		\$ 60 00	\$ 3 820 00
Resident.....	185 162 50	3 725 00	181 437 50
Non-Resident.....	48 831 25	768 75	48 062 50
Thesis Work in Absentia.....	100 00		100 00
Tuition Fees.....	1 110 00	105 00	1 005 00
Visitor's Fees.....	318 75		318 75
Late Registration Fees.....	1 190 00	340 00	850 00
Change Fees.....	1 272 00	1 00	1 271 00
Special Examination Fees.....	1 760 00	25 00	1 735 00
Special Fee in English.....	55 00		55 00
Transcript of Credits Fee.....	358 00		358 00
Diploma Fees.....	18 370 00		18 370 00
<i>Total, General Fees, Urbana.....</i>	<i>\$262 407 50</i>	<i>\$5 024 75</i>	<i>\$257 382 75</i>
<b>Laboratory Fees</b>			
Agronomy.....	263 00	2 00	261 00
Anatomy.....	795 00	20 00	685 00
Athletic Coaching.....	520 00	11 00	509 00
Bacteriology.....	755 50	31 75	723 75
Botany.....	688 50	22 75	665 75
Ceramic Engineering.....	115 00	13 00	102 00
Chemistry.....	19 494 50	1 046 38	18 448 12
Civil Engineering.....	625 50	9 50	616 00
Dairy Husbandry.....	153 00	10 50	142 50
Electrical Engineering.....	606 50		606 50
Entomology.....	229 00	9 00	220 00
Farm Mechanics.....	206 00	16 00	190 00
General Engineering Drawing.....	563 00	30 25	532 75
Geology.....	334 50	19 00	315 50
Home Economics.....	1 421 00	61 00	1 360 00
Horticulture.....	351 00	11 00	340 00
Journalism.....	230 00	4 00	226 00
Law.....	51 00	6 50	44 50
Mechanical Engineering.....	1 384 00	17 00	1 367 00
Mining Engineering.....	29 50	1 00	28 50
Music.....	4 375 00	200 00	4 175 00
Physical Education (Women).....	2 257 50	87 00	2 170 50
Physica.....	1 088 50	40 50	1 048 00
Physiology.....	843 50	42 00	801 50
Psychology.....	62 00	1 50	60 50
Public Speaking.....	145 00	5 00	140 00
Spanish.....	11 00		10 50
T. & A. Mechanics.....	537 50	37 00	500 50
Zoology.....	1 631 25	51 76	1 579 49
<i>Total Laboratory Fees, Urbana.....</i>	<i>\$ 40 576 75</i>	<i>\$1 806 89</i>	<i>\$ 38 769 86</i>
<i>Total Fees, Urbana Departments.....</i>	<i>\$302 984 25</i>	<i>\$6 831 64</i>	<i>\$296 152 61</i>

CHICAGO DEPARTMENTS<sup>1</sup>

	Medicine		Dentistry		Pharmacy		Total	
	Gross	Refund	Gross	Refund	Gross	Refund	Gross	Refund
Matriculation Fees.....	\$ 10 00		\$ 50 00				\$ 60 00	
Tuition Fees.....	26 575 75	\$411 88	8 735 37	\$124 54	\$26 973 50	\$461 13	\$1 284 62	\$ 997 55
Physician's Courses.....	350 00	50 00	850 00				1 200 00	50 00
Late Registration Fees.....			10 00		55 00		65 00	
Transcript of Credits Fees.....	7 00		2 00		90 00		12 00	
Special Examination Fees.....					370 00		90 00	
Diploma Fees.....					1 340 00		2 700 00	
<b>Total General Fees, Chicago.....</b>	<b>\$27 932 75</b>	<b>\$461 88</b>	<b>\$10 017 37</b>	<b>\$124 54</b>	<b>\$28 461 50</b>	<b>\$461 13</b>	<b>\$66 411 62</b>	<b>\$1 047 55</b>
Laboratory Fees.....	\$ 4 105 50	\$132 81	\$ 3 392 50	\$ 65 50	\$ 9 816 00	\$210 25	\$ 17 314 00	\$ 408 56
<b>Total Fees, Chicago Departments.....</b>	<b>\$32 038 25</b>	<b>\$594 69</b>	<b>\$13 409 87</b>	<b>\$190 04</b>	<b>\$38 277 50</b>	<b>\$671 38</b>	<b>\$83 725 62</b>	<b>\$1 456 11</b>
<b>Total Fees, University.....</b>							<b>\$386 709 87</b>	<b>\$8 287 75</b>

<sup>1</sup>Does not include deposits, breakage fees, and locker fees. During the academic year a total of \$17,357.53 has been assessed on account of these items. The total refunds on these items has been \$4,559.32. The year figures are given rather than the semester figures because several of these items are assessed the first semester and refunded in June.

Net  
\$ 60 00  
61 287 07  
1 150 00  
65 00  
12 00  
2 700 00

\$ 65 364 07  
\$ 16 905 44  
\$ 82 269 51  
\$378 422 12

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(28) The following quarterly report of the Comptroller to the Board as of June 30, 1930.

*TO THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS*

I transmit herewith the Quarterly Report required of me covering the financial transactions of the University for the quarter ended June 30, 1930. The Report includes the following statements:

Schedule A. Statement of the Reserve and Contingent Fund, or working balance of general income, for the quarter.

Schedule A1. Statement of Budget Income for the year 1929-30.

Schedule B. Realization of Income for Operation. This statement shows the estimated income for all purposes other than for new buildings provided for by Special State Appropriations, for the current fiscal year, and the amount realized from each source to June 30. The amount shown as realized from State Appropriations is one-half of the appropriation for the current biennium for operation, maintenance, and equipment. The amount realized from Student Fees is the net amount after allowing for all rebates. The amount realized from Sales is the total sales irrespective of whether collection has been made in cash.

Schedule C. Summary of Receipts and Disbursements. This statement shows the amount of cash receipts from all sources for the current fiscal year to June 30, deposited with the Treasurer of the University, also the amount appropriated to the University by the State for the current fiscal year. It shows also the disbursements from funds in the hands of the University Treasurer and from State Appropriations and the unexpended (not unencumbered) balance in each fund as at June 30.

Schedule D is a summary of the appropriations made by the Board of Trustees for the current fiscal year, the expenditures from these appropriations, the outstanding encumbrances in the form of orders and contracts, and the free balances on June 30. Included with appropriations under the heading "Total Credits" are reappropriations of balances from the previous year and sales credited to departments.

Schedule E shows operation of storerooms and service departments. Costs of materials and labor are first charged to these revolving accounts, and later are charged to appropriation accounts when the service has been completed, the revolving accounts being credited. Balances are represented by stock on hand or work in process, and have been verified by actual inventories during June, 1930.

Schedule F is a summary of all trust endowments held by the University, and Schedule G is a summary of the operations of all expendable trust funds.

Schedule H is a balance sheet showing all assets for which the Board of Trustees is responsible and all commitments and obligations of those assets.

Appendix I is a summary of the operations of the Residence Halls for the year.

Appendix II is a report of the Memorial Stadium Fund, of which the Board of Trustees is custodian.

The figures contained in this Report are cumulative for the fiscal year and, therefore, represent the financial operations of the University for the fiscal year ended June 30, 1930, and the financial condition of the University at that date. They will be presented in complete form in the Annual Report of the Comptroller to be published at a later date.

This report is subject to audit by the accounting firm employed by the Board for that purpose. The certificate of audit will be furnished as soon as the audit is complete.

Respectfully submitted,

LLOYD MOREY  
*Comptroller*

**SCHEDULE A**  
**STATEMENT OF RESERVE AND CONTINGENT FUND**  
**FOR THE QUARTER ENDED JUNE 30, 1930**

Balance forward March 31, 1930.....				\$190 118 39	
Add:					
Lapsed 1928-29 Balances (previously carried forward to cover encumbrances but not used).....	\$	233 63			
Lapsed 1929-30 Special Equipment Appropriations					
Agriculture.....	\$7	497 75			
Liberal Arts and Sciences.....	6	215 03			
Medicine.....		221 49			
Music.....		97 19			
Education.....	120	00	14 151 46	14 385 09	\$204 503 48
Deduct:					
Appropriations made by Board of Trustees					
April 9-10, 1930					
Patent Expenses (page 558).....				1 500 00	
Death Benefits					
C. E. Chadsey (page 558).....	3	000 00			
Mary L. Blackwell (page 558).....		630 00		3 630 00	
Bacteriology Expense (page 578).....				2 300 00	
June 3, 1930					
Legal Counsel Expense (page 594).....				100 00	
School of Music Expense (page 597).....				200 00	
June 10, 1930					
Land (Roselawn Cemetery) (page 607).....			23 000 00		30 730 00
Unappropriated Balance before closing books June 30, 1930..					173 773 48
Add:					
Surplus of Actual Incomes over Estimates					
State Board for Vocational Education.....		319 85			
Student Fees.....	19	087 73			
McKinley Endowment.....		1 300 14			
Miscellaneous Sources.....	27	217 66		47 925 38	
Surplus in Stores Inventories.....				5 665 73	
Lapsed Appropriation Balances.....				211 073 18	264 664 29
					438 437 77
Less:					
Reserved for 1930-31 Special Appropriations (see Sch. H)				183 340 00	
Reserved for Petty Cash Funds (see Sch. H).....				29 400 00	212 740 00
Unappropriated Balance of Income June 30, 1930 (to Sch. H)					<u>\$225 697 77</u>

SCHEDULE A1  
STATEMENT OF BUDGET INCOME FOR THE YEAR ENDED  
JUNE 30, 1930

<i>Balances July 1, 1929</i>		
Reserve for Orders and Contracts Outstanding....	\$679 234 92	
Balances Reappropriated or Carried Forward.....	111 776 68	
Reserve for Petty Cash Funds.....	1 200 00	
Unappropriated Agricultural Income.....	17 524 12	
Unappropriated General Income (including General Petty Cash Funds).....	<u>352 086 21</u>	\$1 161 821 93
<i>Income</i>		
From State Appropriations		
For Operation		
Salaries and Wages.....\$3 514 980 58		
Travel.....	35 019 42	
Equipment.....	290 000 00	
Office Expense.....	150 000 00	
Operation.....	485 000 00	
Repairs.....	160 000 00	
Improvements.....	<u>130 000 00</u>	\$4 765 000 00
For Buildings		
Agricultural Buildings.....	55 515 56	
Chemistry Annex.....	62 925 80	
Medical and Dental Labora- tories.....	40 976 87	
Power Plant Addition.....	15 743 08	
Woman's Gymnasium.....	<u>19 562 42</u>	194 723 73
For Special Purposes		
Agricultural Experiment Sta- tion, Cook County.....	<u>10 000 00</u>	4 969 723 73
From United States Grants		
Land Grant of 1862 (Interest on Endowment) ..	32 450 66	
Morrill Act of 1890.....	25 000 00	
Nelson Act of 1907.....	25 000 00	
Hatch Act of 1881.....	15 000 00	
Adams Act of 1906.....	15 000 00	
Smith-Lever Acts of 1914 and 1928.....	239 624 34	
Purnell Act of 1925.....	60 000 00	
Capper-Ketchum Act of 1928.....	27 595 97	
Smith-Hughes Act of 1917.....	<u>16 319 34</u>	455 990 31
From Student Fees (Net) <sup>1</sup> .....		879 087 73
From Department Sales and Miscellaneous		
Agriculture.....	255 245 59	
Others.....	<u>140 019 75</u>	395 265 34
From McKinley Endowment.....		6 700 14
From Adjustment of Book Balances to Actual In- ventories of Storerooms.....		<u>5 665 73</u>
<i>Total Income</i> .....		<u>6 712 432 98</u>
<i>Total Available Resources</i> .....		<u>7 874 254 91</u>
<i>Charges to Income</i>		
Disbursements from Appropriations (See Sch. D) ..	7 100 147 68	
Reserve for Orders and Contracts Outstanding (See Sch. D).....	<u>109 454 07</u>	7 209 601 75
		<u>664 653 16</u>
<i>Deduct:</i>		
Balances Subject to Reappropriation (See Sch. D)	199 554 12	
Reserve for 1930-31 Special Appropriations.....	183 340 00	
Reserve for Petty Cash Funds.....	<u>30 600 00</u>	413 494 12
<i>Unappropriated Balance of Income</i>		
<i>June 30, 1930 (Sch. H)</i>		
Unappropriated Agricultural Income.....	25 461 27	
Unappropriated General Income.....	<u>225 697 77</u>	<u>251 159 04</u>

<sup>1</sup>After allowing for \$30,451.02 refunds.

SCHEDULE B  
REALIZATION OF INCOME FOR OPERATIONS  
YEAR ENDED JUNE 30, 1930

	Budget Estimate	Realized to Date	Excess of Income Over Estimate (Closed to Unappropri- ated Income)
<i>State Funds</i>			
From Mill Tax .....	\$1 984 980 58	\$1 984 980 58	
From General Revenue .....	2 780 019 42	2 780 019 42	
<i>Total, State</i> .....	(4 765 000 00)	(4 765 000 00)	
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund .....	239 624 34	239 624 34	
Capper-Ketcham Fund .....	27 595 97	27 595 97	
Hatch-Adams Funds .....	30 000 00	30 000 00	
Purnell Fund .....	60 000 00	60 000 00	
From State Treasurer			
Interest on Endowment Fund .....	32 450 66	32 450 66	
Morrill-Nelson Funds .....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes) .....	16 000 00	16 319 85	\$ 319 85
<i>Total, Federal</i> .....	(455 670 97)	(455 990 82)	(319 85)
<i>Student Fees</i> .....	860 000 00	879 087 73	19 087 73
<i>Sales</i>			
Credited to Departments			
Agriculture .....	120 680 00	126 982 13	6 302 13 <sup>a</sup>
Other Departments .....		13 325 81	13 325 81 <sup>b</sup>
Credited to Estimated Agricultural Sales .....	129 750 00	113 186 66	16 563 34 <sup>c</sup>
Credited to General Income .....	100 000 00	127 217 66	27 217 66
Credited to Estimated Income from Creamery Sur- plus .....	14 320 00	14 320 00	
<i>Total, Sales, etc.</i> .....	(364 750 00)	(395 032 26)	(30 282 26)
<i>McKinley Endowment</i> .....	5 400 00	6 700 14	1 300 14
<i>Grand Total</i> .....	\$6 450 820 97	\$6 501 810 95	\$50 989 98

\*Deduct—Unrealized balance.

<sup>b</sup>No budget estimate set up.<sup>c</sup>Credited direct to revolving accounts, not closed to Unappropriated Income.

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
YEAR ENDED JUNE 30, 1930

	Balance July 1, 1929 and Adjustments	Receipts and State Appropri- ations	Disburse- ments	Balance June 30, 1930
<i>Funds in Possession of University Treasurer</i>				
General Fund .....	\$ 741 516 36	\$2 102 600 71	\$2 168 054 39	\$ 676 062 68
Trust Fund .....	117 021 90	339 067 60	329 448 90	127 540 60
<i>Total</i> .....	(858 538 26)	(2 442 568 31)	(2 497 503 29)	(803 603 28)
<i>State Appropriations</i>				
For Operation				
Salaries and Wages .....		3 514 980 58	3 312 460 58	202 520 00
Office Expense .....		150 000 00	150 000 00	
Travel .....		35 019 42	35 019 42	
Operation .....		485 000 00	482 884 87	2 115 13
Repairs .....		160 000 00	143 693 30	16 306 70
Equipment .....		290 000 00	290 000 00	
Improvements .....		130 000 00	109 845 72	20 154 28
<i>Total, Operation</i> .....		(4 765 000 00)	(4 523 903 89)	(241 096 11)
For Buildings				
1927-29				
Library Building Addition .....	38 019 78		38 019 78	
Lincoln Hall Addition .....	270 637 12		270 637 12	
Materials Testing Labo- ratory .....	185 430 05		185 430 05	
1929-30				
Agricultural Buildings .....		55 515 56	55 515 56	
Chemistry Annex .....		62 925 80	62 925 80	
Medical and Dental Labo- ratories .....		40 976 87	40 976 87	
Power Plant Addition .....		15 743 08	15 743 08	
Woman's Gymnasium .....		19 562 42	19 562 42	
<i>Total, Buildings</i> .....	(494 086 95)	(194 723 73)	(688 810 68)	
For Special Purposes				
Agricultural Experiment Station, Cook County				
1927-29 .....	419 30		419 30	
1929-30 .....		10 000 00	9 203 20	796 80
<i>Total, State</i> .....	(494 506 25)	(4 969 723 73)	(5 222 337 07)	(241 892 91)
<i>Grand Total</i> .....	\$1 353 044 51	\$7 412 292 04	\$7 719 840 36	\$1 045 496 19

SCHEDULE D  
SUMMARY OF APPROPRIATIONS AS AT JUNE 30, 1930

	Total Credits	Disbursements	Reserved for Outstanding Encumbrances	Balance Reappropriated	Balance Lapsed
Administration and General.....	\$ 452 945 27	\$ 413 159 17	\$ 6 683 50	\$ 5 094 91	\$ 27 407 69
Library.....	245 048 37	243 204 21	409 52		1 974 64
Agriculture.....					
University Appropriation.....	1 199 328 06	1 094 018 58	28 581 69	32 477 04	44 451 65 <sup>1</sup>
U. S. Extension.....	291 631 83	285 893 08	48 00	5 310 75	47 134 42
Liberal Arts and Sciences.....	1 175 595 86	1 122 863 86	4 988 95	498 23	28 144 94
Engineering.....	722 092 55	688 088 81	10 429 95	1 428 95	38 388 68
Graduate School.....	88 254 59	88 298 97	7 210 06	4 420 21	1 033 54
Medicine, Dentistry, and Pharmacy.....	836 231 98	780 522 24	9 850 93	1 204 13	2 975 26 <sup>1</sup>
Journalism.....	29 044 00	26 666 79	743 07		1 137 36 <sup>1</sup>
Law.....	94 594 22	90 943 15	375 87		1 809 99
Library School.....	28 761 86	28 761 70	157 52		841 07
Military.....	22 020 43	20 975 02	374 82		7 028 57
Music.....	65 032 52	64 762 85	28 00		
Education.....	188 838 28	177 918 50	3 291 21		
Summer Session 1929.....	37 926 92	37 926 92			
Summer Session 1930.....	84 000 00	2 410 71	72 55	81 516 74	
Commerce.....	225 062 10	210 437 81	369 97		14 254 32
Physical Welfare.....	129 030 10	124 749 24	1 179 44		3 101 42
Physical Plant Operation and Maintenance.....	682 134 00	665 849 01			16 284 99
<i>Sub-total.....</i>	<i>6 599 093 84</i>	<i>6 153 520 62</i>	<i>75 166 25</i>	<i>132 527 96</i>	<i>237 879 01</i>
Land, Buildings, and Improvements.....	689 988 36	689 988 36			
Special State Building Appropriations.....	358 067 92	256 638 70	34 287 82	67 026 16	115 24
Other Appropriations.....					
<i>Grand Total.....</i>	<i>\$7 647 150 12</i>	<i>\$7 100 147 68</i>	<i>\$109 454 07</i>	<i>\$199 554 12</i>	<i>\$237 994 25<sup>1</sup></i>

<sup>1</sup>Includes \$21,094.81 lapsed to offset unrealized estimated agricultural income and \$4,926.26 lapsed to Unappropriated Agricultural Income.  
<sup>2</sup>Overdraft.

SCHEDULE E  
STATEMENT OF STORES AND REVOLVING ACCOUNTS  
AS AT JUNE 30, 1930

	<i>Balance July 1, 1929</i>	<i>Disburse- ments</i>	<i>Credits from Department Requisitions and Sales</i>	<i>Balance June 30, 1930</i>
Storerooms.....	\$113 117 54	\$ 351 963 76	\$ 347 217 99	\$117 863 31
Service Departments.....	41 780 02	1 681 755 59	1 708 728 99	14 806 62
Revolving Accounts.....	5 262 48*	14 271 30	14 788 01	5 779 19*
<i>Total</i> .....	<u>\$149 835 08</u>	<u>\$2 047 990 65</u>	<u>\$2 070 734 99</u>	<u>\$126 890 74</u>

\*Credit Balance.

SCHEDULE F  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT JUNE 30, 1930

	<i>Total</i>	<i>Separate Investments and Receivables</i>	<i>Group Invest- ments</i>	<i>Cash Balances</i>
Professional and Lectureship Endowments...	\$139 742 66	\$108 991 47	\$30 751 19	
Student Loan Endowments.....	183 872 04	167 335 03		\$16 537 01
Scholarship, Fellowship and Prize Endow- ments.....	84 556 27	27 427 17	57 129 10	
Miscellaneous Endowments.....	80 030 71	73 550 00	6 480 71	
<i>Sub-total</i> .....	488 201 68	377 303 67	94 361 00	16 537 01
Uninvested portion of Group Investment Funds.....			-16 292 35	16 292 35
<i>Grand Total</i> .....	<u>\$488 201 68</u>	<u>\$377 303 67</u>	<u>\$78 068 65</u>	<u>\$32 829 36</u>

SCHEDULE G  
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS  
AS AT JUNE 30, 1930

	<i>Total Credits</i>	<i>Disburse- ments</i>	<i>Encum- brances</i>	<i>Free Balance June 30, 1930</i>
Professional and Lectureship Endowment In- come.....	\$ 7 966 21	\$ 7 336 18		\$ 630 03
Student Loan Endowments Income (subject to annuity).....	461 51	250 00		211 51
Scholarship, Fellowship and Prize Endow- ments Income.....	6 650 14	3 803 42		2 846 72
Miscellaneous Endowments Income.....	6 905 06	4 795 40	\$ 102 50	2 007 16
Building and Improvement Funds.....	1 973 70	1 325 66	10 00	638 04
Research Gifts.....	197 608 28	161 994 97	2 405 64	33 207 67
Scholarship, Fellowship, and Prize Gifts.....	13 851 66	8 121 00		5 730 66
Other Expendable Funds.....	49 564 05	14 637 68	15 90	34 910 47
Deposit Funds.....	90 459 18	78 464 24	375 00	11 619 94
<i>Grand Total</i> .....	<u>\$375 439 79</u>	<u>\$280 728 55</u>	<u>\$2 909 04</u>	<u>\$91 802 20</u>

SCHEDULE H  
BALANCE SHEET AS AT JUNE 30, 1930

ASSETS

<b>I. General and Building Funds</b>			
Cash with University Treasurer (Sch. C) .....		\$676 062 68	
Petty Cash Funds .....		30 600 00	
Balance in State Appropriation (Sch. C)			
For Operation .....	\$241 096 11		
For Special Purposes .....	796 80	241 892 91	
Stores and Service Departments (Sch. E) .....		126 890 74	
Loan to McKinley Hospital (Trust Fund) .....		11 063 34	
Accounts Receivable .....		27 947 54	
Due from State Board for Vocational Education (Smith-Hughes) .....		16 319 85	\$1 130 777 06
<b>II. Trust Funds</b>			
Cash with University Treasurer (Sch. C) .....		127 540 60	
Notes Receivable .....		165 985 03	
Investments			
Securities .....	242 837 29		
Land .....	46 550 00	289 387 29	582 912 92
<b>III. Endowment Fund</b>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862 .....			649 012 91
<b>IV. Plant and Property</b>			
Plant and Property (July 1, 1929) .....			23 641 385 91
<i>Total Assets</i> .....			<u>\$26 004 088 80</u>

LIABILITIES AND SURPLUS

<b>I. General and Building Funds</b>			
Appropriation Balances (Sch. D)			
Reserved to cover Encumbrances .....	\$109 454 07		
Reappropriated .....	199 554 12	\$309 008 19	
Reserve for Petty Cash Funds .....		30 600 00	
Reserve for Stores .....		122 360 64	
Reserve for Loan to Trust Fund .....		11 063 34	
Residence Hall and Hospital Balances .....		223 245 85	
Unappropriated Agricultural Income .....		25 461 27	
Reserve for 1930-31 Special Appropriations .....		183 340 00	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A) .....		225 697 77	\$1 130 777 06
<b>II. Reserve for Trust Funds</b>			
Due General Funds for Repayment of Loan .....		11 063 34	
Expendable Funds (Sch. G) .....		94 711 24	
Non-Expendable Funds (Sch. F) .....	488 201 68		
Less: Loan from General Funds (above) .....	11 063 34	477 138 34	582 912 92
			649 012 91
<b>III. Reserve for Endowment Fund</b>			
<b>IV. Bonds and Surplus</b>			
Dental Property Bonds .....		49 400 00	
Surplus Invested in Fixed Assets .....		23 591 985 91	23 641 385 91
<i>Total Liabilities and Surplus</i> .....			<u>\$26 004 088 80</u>

APPENDIX I  
RESIDENCE HALLS  
SUMMARY OF OPERATIONS  
YEAR, 1929-30

	<i>Woman's Residence Halls</i>	<i>Davenport House</i>	<i>Total</i>
Summer Session Surplus . . . . .	\$ 2 017 11		\$ 2 017 11
Winter Term Surplus			
September 12 to October 15, 1929 . . . . .	6 413 64	\$ 758 19	7 171 83
October 15 to November 15, 1929 . . . . .	7 072 08	1 132 19	8 204 27
November 15 to December 15, 1929 . . . . .	5 457 31	851 64	6 308 95
December 15 to January 15, 1930 . . . . .	3 627 24	530 63	4 157 87
January 15 to February 15, 1930 . . . . .	6 385 30	1 048 88	7 434 18
February 15 to March 15, 1930 . . . . .	5 488 83	956 69	6 445 52
March 15 to April 15, 1930 . . . . .	6 238 88	837 95	7 076 83
April 15 to May 15, 1930 . . . . .	6 758 43	1 176 19	7 934 62
May 15 to June 15, 1930 . . . . .	4 121 28	477 30	4 598 58
<i>Total Surplus from Operations for the year 1929-30 . .</i>	<u>53 580 10</u>	<u>7 769 66</u>	<u>61 349 76</u>
Add:			
Deposits Forfeited . . . . .	710 00	60 00	770 00
	<u>\$54 290 10</u>	<u>\$7 829 66</u>	<u>\$62 119 76</u>
Deduct:			
Extraordinary Repairs, Equipment, Remodeling and August 15-September 15, 1929 Expense . . . . .	\$ 6 156 98	\$ 5 302 85	\$ 11 549 83
Unused 1929-30 Surplus from Operations . . . . .	48 133 12	2 436 81	50 569 93
Add:			
Balance forward June 15, 1929 . . . . .	150 960 70	12 439 77	163 400 47
<i>Surplus as at June 15, 1930 . . . . .</i>	<u>\$199 093 82</u>	<u>\$14 876 58</u>	<u>\$213 970 40</u>

APPENDIX II  
STATEMENT OF MEMORIAL STADIUM FUND  
AS AT JUNE 30, 1930

<i>Receipts and Disbursements</i>			
	<i>Prior to July 1, 1929</i>	<i>Year 1929-30</i>	<i>Total to Date</i>
<i>Receipts</i>			
From Subscriptions.....	\$1 672 098 35	\$ 4 576 85	\$1 676 675 20
From Donations.....	5 071 92		5 071 92
From Interest.....	27 109 06	243 94	27 353 00
From Loans.....	32 500 00	3 500 00*	29 000 00
<i>Total Receipts</i> .....	<u>1 736 779 33</u>	<u>1 320 79</u>	<u>1 738 100 12</u>
<i>Disbursements</i>			
Office Collection Expense.....		6 77	6 77 <sup>1</sup>
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements</i> .....	<u>\$1 735 635 78</u>	<u>\$ 6 77</u>	<u>\$1 735 642 55</u>
<i>Cash Balance</i> .....			<u>\$ 2 457 57</u>

*Balance Sheet*

<i>Assets</i>			
Cash.....		\$ 2 457 57	
Due from Pledge Installments			
Past Due Installments.....	\$480 346 19		
Future Installments.....	<u>3 239 00</u>	483 585 19	
Due from Athletic Association for Office Expense		<u>6 77</u>	
<i>Total Assets</i> .....			\$486 049 53
<i>Liabilities and Surplus</i>			
Notes Payable.....			<u>29 000 00</u>
<i>Excess of Assets (including Unpaid Pledges) over Liabilities</i> .....			<u>\$457 049 53</u>

\*Deduction due to repayment of loan.

<sup>1</sup>To be refunded by Athletic Association.

This report was received for record.

**REPORT OF THE TREASURER**

(29) The Treasurer of the University submits the following report, as required by the By-Laws of the Board, of the securities in his possession as at June 30, 1930, and also a report of receipts and disbursements from July 1, 1929, to June 30, 1930. The Comptroller reports that this report has been examined by him and he certifies that it is in accordance with his records. The Treasurer's report will be subject to audit by the public accounting firm retained by the Board for regular audits of accounts of the University at the time of the next regular audit, which will be within the next sixty days.

July 14, 1930

*The Board of Trustees of the University of Illinois, Urbana, Illinois*

GENTLEMEN:

In compliance with the by-laws of the Board of Trustees of the University of Illinois, Article 6, Section 4, pertaining to the duties of the Treasurer, I am submitting herewith a detailed report of the securities in my possession as at June 30, 1930, also a report of all receipts and disbursements from July 1, 1929, to June 30, 1930.

Respectfully yours,

HAZEN S. CAPRON  
*Treasurer*

TRUST FUND INVESTMENTS AS AT JUNE 30, 1930

Security	Interest Rate	Maturity	Par Value	Purchase Rate	Amortised Book Value	Date Acquired	Fund
<i>Special Investments—Endowment Fund</i>							
British Columbia Pulp and Paper Co., Ltd., First Mort. Sinking Fund Bonds.....	6	Nov. 1, 1950	\$2 000 00	Gift	\$2 000 00	1923	Ira O. Baker Prize Fund
Vancouver Lumber Company, Limited, First Mortgage Gold Bonds.....	7½	May 1, 1937	300 00	Gift	300 00	1923	Ira O. Baker Prize Fund
Chicago By-Products Coke Corporation, First and Refunding Bonds.....	5	Jan. 1, 1976	2 000 00	Gift	2 000 00	Dec. 8, 1925	William Beaumont Mem. Fund
Argentine Republic Bonds.....	5	March 1, 1945	13 000 00	Gift	10 000 00	June 27, 1921	Robert F. Carr Fellowship in Chemistry
U.S.A. 1st Liberty Loan Converted Bonds	4½	June 15, 1947	1 350 00	Gift	1 350 00	Oct. 13, 1928	Elec. Eng. Soc. Loan Fund
West Penn. Power Company, First Mortgage Gold Bonds Series "E".....	5	March 1, 1963	500 00	98 50	493 50	Sept. 9, 1925	English Poetry Prize Fund
U.S.A. 1st Liberty Loan Converted Bonds	4½	June 15, 1947	100 00	99 10	99 10	April 24, 1929	
U.S.A. Fourth Liberty Loan Bond.....	4½	Oct. 15, 1938 (Optional) (1933)	600 00	98 43	590 63	Oct. 4, 1929	
First Mortgage on 330 acres of land in Franklin County, Illinois.....	7	June 16, 1934	14 500 00	100 00	14 500 00	Aug. 29, 1928	
First Mortgage on 260 acres of land in Franklin County, Illinois.....	7	July 7, 1932	7 500 00	100 00	7 500 00	Aug. 29, 1928	
First Mortgage on 400 acres of land in Franklin County, Illinois.....	7	Sept. 30, 1931	5 250 00	100 00	5 250 00	Aug. 29, 1928	
First Mortgage (Part) on 80 acres of land in Champaign County, Illinois.....	5	Sept. 1, 1931	1 508 33	100 00	1 508 33	June 10, 1930	
Appalachian Power Co., 1st Mort. Bonds	5	June 1, 1941	4 000 00	101 50	4 053 02	Jan. 21, 1929	
Chicago Union Station Company, First Mortgage Bonds.....	4½	July 1, 1963	15 000 00	2M 99 125 2M 99 50 1M 99 625			
Detroit Edison Co., First Mortgage Bonds	5	Jan. 1, 1933	15 000 00	10M 100 375 6M 102 25 5M 102 875	15 035 50	Jan. 15, 1929 July 28, 1928 July 28, 1928 Sept. 14, 1928	
Kan. City Term. R.R. Co., 1st Mort. Bonds	4	Jan. 1, 1960	20 000 00	3M 101 875 3M 88 75 3M 89 00 2M 91 25 2M 90 75	15 279 12	Aug. 2, 1928 July 30, 1928 July 30, 1928 Sept. 14, 1928 Sept. 14, 1928	
Swift & Co., 1st Mort. Sinking Fund Bonds	5	July 1, 1944	10 500 00	10M 102 50	17 977 00	Jan. 15, 1929	
Term. R.R. Ass'n. of St. Louis, 1st Mort. Bonds.....	4½	Oct. 1, 1939	1 000 00	101 75	10 741 36	April 16, 1929	
West Penn Power Co., 1st Mort. Bonds..	5	March 1, 1963	10 000 00	1M 101 75 1M 102 75 1M 103 00 4M 103 50 1M 103 75 3M 104 00	1 610 26	Aug. 1, 1928 Aug. 1, 1928 Aug. 1, 1928 Aug. 3, 1928 Aug. 3, 1928 Aug. 3, 1928	
Savings Account, Trevett-Mattis Banking Company, Champaign, Illinois.....					10 357 12	Aug. 3, 1928	McKinley Endowment—Economic of Public Utilities
Booth St. Louis Cold Storage Company, First Mortgage Bonds.....	6	Jan. 1, 1931	25 000 00	Gift	25 000 00	Jan. 24, 1917	McKinley Hosp. Endowment

(103 991 47)

College of Physicians and Surgeons, First Mortgage Gold Bonds.....	6	July 1, 1932	4 700 00	1M 24C	94 00 98 00	940 00 2 352 00	March 1, 1922 (May 9, 1922) (May 10, 1922) 1913	Robt. L. Rea Medical Schol. Fund
Central Maine Power Company, First and General Mortgage, Series C.....	5 ½	Aug. 1, 1949	2 500 00	13C	100 00	1 300 00 (4 192 00)	June 10, 1930	
Goodyear Tire Company First Mortgage and Collateral Trust Bonds.....	5	May 1, 1957	1 000 00		Gift	1 000 00	June 10, 1930	
Lacédie Gas and Light Company, First Mortgage Collateral Retunding Bonds	5 ½	Feb. 1, 1953	500 00		Gift	500 00	June 10, 1930	
Puget Sound Power and Light Co., First and Retunding Mort. Bonds, Series A	5 ½	June 1, 1949	1 000 00		Gift	1 000 00 (5 000 00)	June 10, 1930 June 10, 1930	Lasado Tatt Lectureship Fund Thrift Com. Econom. Prize Fund
U.S.A. Fourth Liberty Loan Bond..	4 ¼	Oct. 15, 1933-1938	50 00		100 00	50 00	June 2, 1924	
First Mortgage on 80 acres of land in Platt County, Illinois.....	5	May 1, 1933	4 500 00		100 00	4 500 00		
First Mortgage (Part) on 80 acres of land in Champaign County, Illinois.....	5	Sept. 1, 1931	5 491 67		100 00	5 491 67 (9 991 67)		E. A. Wallace Mem. Schol. Fund
<b>Group Investments—Endowment Funds</b>								
U. S. Gov't First Liberty Bonds Converted	4 ½	June 15, 1947	100 00		99 10	99 10	April 24, 1929	
Atchison, Topeka, and Santa Fe Railroad Company, First Mortgage Bonds....	4	Jan. 1, 1965	12 000 00	11M	92 125			
Cleveland Electric Illuminating Company, First Mortgage Bonds.....	5	April 1, 1939	10 000 00	1M	91 75	11 674 63	Jan. 15, 1929	
Commonwealth Edison Company, First Mortgage Bonds.....	5	June 1, 1943	15 000 00	10M	105 00	103 725	Jan. 15, 1929	
Des Moines Elec. Co., First Mort. Bonds	5	Nov. 1, 1938	11 000 00	5M 10M 1M	104 75 101 50 101 25	15 662 48	Jan. 27, 1929	
Detroit Edison Co., First Mort. Bonds..	5	Jan. 1, 1933	2 000 00	1M	101 25	11 138 48	March 5, 1929	
San Diego Consolidated Gas and Electric Company, First Mortgage Bonds....	5	March 1, 1939	11 000 00	5M	103 25	2 012 00	Dec. 4, 1926	
Swift & Co., 1st Mort. Sinking Fund Bonds	5	July 1, 1944	1 000 00	6M	103 50	11 319 14	Jan. 15, 1929	
West Penn Power Co., 1st Mort. Bonds...	5	March 1, 1946	15 000 00	10M 5M	101 75 103 00	1 016 24	April 16, 1929	
Grand Total Investments except Land and Student Notes.....						15 435 84 (78 008 03)	Jan. 17, 1929	Group Investment
<b>Other Investments</b>						242 837 29		
Urban Coal Corporation, 500 shares preferred Stock (Dividends cumulative from January 1, 1926).....	6		50 000 00				Dec., 1925	Received in exchange for Patent Number 1,458,064, "Process of Manufacture of Coke for Metallurgical Uses," and for right and title to such inventions as had been conceived by Messrs. Parr and Layng pertaining to the coking of coal

I hereby certify that the above is a correct listing of the securities owned by the University of Illinois. All of these securities are in my possession except those of the McKinley Endowment of Economics of Public Utilities which are held in escrow by the Trevett-Mattis Banking Company.

HAZEN S. CAPRON, *Treasurer, University of Illinois*

Date: July 11, 1930

STATEMENT OF RECEIPTS AND DISBURSEMENTS OF THE TREASURER OF THE  
UNIVERSITY OF ILLINOIS, YEAR ENDING JUNE 30, 1930

Balance June 30, 1929.....		\$1 027 712 22
<b>Receipts</b>		
July.....	\$335 151 98	
August.....	49 382 88	
September.....	537 760 35	
October.....	233 054 77	
November.....	63 481 26	
December.....	72 741 98	
January.....	176 518 52	
February.....	570 799 47	
March.....	64 377 31	
April.....	111 853 09	
May.....	83 500 76	
June.....	142 782 28	2 441 404 65
		<u>\$3 469 116 87</u>
<b>Disbursements (As per cancelled warrants returned to the Comptroller)</b>		
July.....	\$315 196 33	
August.....	203 979 06	
September.....	128 786 59	
October.....	210 540 60	
November.....	192 168 10	
December.....	207 330 22	
January.....	129 938 03	
February.....	184 348 37	
March.....	273 526 22	
April.....	252 456 61	
May.....	215 285 31	
June.....	216 748 29	2 530 303 73
		<u>\$ 938 813 14</u>
Balance on Hand June 30, 1930.....		

RECONCILIATION WITH THE UNIVERSITY TREASURER  
AS AT JUNE 30, 1930

Treasurer's Balance.....	\$938 813 14	
Add:		
Receipts not deposited.....	<u>31 849 79</u>	\$970 662 93
Deduct:		
Deposits not entered by us.....		7 50
Unpaid Warrants.....	<u>167 052 15</u>	
Business Office Balance.....		\$803 603 28
Consisting of:		
General Fund.....	676 062 68	
Trust Fund.....	<u>127 540 60</u>	<u>\$803 603 28<sup>1</sup></u>

<sup>1</sup>As per Quarterly Report of the Comptroller, June 30, 1930, Schedule C.

On motion of Mr. Armstrong, this report was referred to the Financial Committee for consideration and report at the next meeting of the Board.

COMPTROLLER'S REPORT OF CONTRACTS AND  
PURCHASE ORDERS

(30) The following report from the Comptroller of contracts and purchase orders executed since the last report was submitted to the Board.

COMPTROLLER'S REPORT OF CONTRACTS  
JUNE 1, 1930, TO JULY 17, 1930

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of June 3, 1930, recorded in minutes on page 598:

Name	Amount to be received by the University	Date	Purpose
Armour & Company	\$500 00	June 6, 1930	For cooperative investigation to determine the possible uses of blood albumen in spray materials.

Miscellaneous contracts executed under general regulations:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Western Fuel Company (Low Bidder)	\$6 per net ton to Aug. 1, 1930, and \$6.35 Aug. 1, 1930 to April 30, 1931	May 27, 1930	Purchase of approximately 1500 tons of Pocohontas mine run coal by the University for Chicago Departments.
Otis Elevator Company	\$39.50 per month	July 7, 1930	Inspection and maintenance of elevators in Library, Third Unit and Materials Testing Laboratory.

Lease executed under general regulations:

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by the University</i>	<i>Date</i>	<i>Tenure</i>
C. A. Wilson	Dwelling at 806 S. Sixth St., Champaign	\$70 per month	June 3, 1930	July 1, 1930 to June 30, 1931

LLOYD MOREY  
*Comptroller*

*PURCHASE ORDERS ISSUED IN JUNE AMOUNTING TO  
\$1 000 OR MORE*

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
Clark Thompson Lum- ber Company	Lumber	\$1504 00	Physical Plant Stores	Physical Plant Operation	Competitive <sup>1</sup>
Scott Paper Company	Paper Towels	2035 00	Physical Plant Stores	Physical Plant Operation	Quotation <sup>1</sup>
Mallinckrodt Chemi- cal Works	Chemicals	2578 71	General Chemi- cal Stores	General Chemi- cal Stores	Competitive <sup>2</sup>
E. H. Sargent and Company	Chemicals	2881 01	General Chemi- cal Stores	General Chemi- cal Stores	Competitive <sup>2</sup>
Electric Coal Company	Coal	1200 00	Physical Plant Stores	Coal Storage	Quotation
Moser Paper Company	Paper	2900 00	Office Supply Store	Office Supply Store	Quotation <sup>3</sup>
King and Petry	Repairs to University Hall	1633 00	Physical Plant	Physical Plant Building Maintenance	Quotation <sup>4</sup>

<sup>1</sup>Authorized by Board of Trustees, June 3, 1930.

<sup>2</sup>Authorized by Board of Trustees, June 10, 1930.

<sup>3</sup>Authorized by Board of Trustees, June 19, 1930.

<sup>4</sup>Arranged by Supervising Architect.

H. M. EDWARDS  
*Purchasing Agent*

This report was received for record.

**REPORT OF ACCIDENT COMPENSATION COMMITTEE**

(31) The report of the Committee on Accident Compensation for employees for six months ending June 30, 1930.

This report was received for record.

**INCOME FROM SUMMER SESSION ENTERTAINMENT**

(32) The Director of the Summer Session reports that a recent performance of the "Tatterman Marionettes" resulted in a profit of \$105.00 to the University. The Comptroller suggests that this amount be credited to the Summer Session Budget, and I so recommend.

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

**UNUSUALLY HAZARDOUS CHARACTER OF SUMMER WORK OF  
PROFESSOR M. J. PRUCHA AND MR. S. L. TUCKEY**

(33) Professor M. J. Prucha and Mr. S. L. Tuckey of the Department of Dairy Husbandry wish to conduct certain investigations in thermophilic bacteria in pasteurized

milk in some of the Chicago plants which have bacteriological laboratories that can be used in this work. These investigations are in line with the Department's regular program of research work in dairy bacteriology. There appears to be some hazard involved in this work. At one time Professor Prucha was injured in the explosion of a sterilizer while he was conducting similar investigations. For this reason the Head of the Department of Dairy Husbandry and the Dean of the College of Agriculture recommend that this work be recognized as unusually hazardous work, and that permission be given Professor Prucha and Mr. Tuckey to engage in it. The investigations will be conducted during the summer and will probably require about two weeks' time.

I recommend approval.

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

**DONATION OF OBSOLETE RAILWAY ENGINEERING EQUIPMENT  
TO ROSENWALD MUSEUM**

(34) The Museum of Science and Industry founded by Julius Rosenwald has asked the University to donate to the Museum any apparatus, equipment, or machines which have outlived their usefulness, but which may have a historic or museum value. The Director of the Museum has asked specifically if the University would not be willing to donate the old locomotive testing plant designed by Robert Quayle for the Chicago and Northwestern Railroad in 1895 and also the sectioned front end of a Richmond compound locomotive. Both of these pieces have outlived their usefulness from a scientific and instructional point of view and are at present deteriorating under the effects of the weather. The Head of the Department of Railway Engineering and the Assistant Dean of the College feel that these two pieces might well be donated to the Museum and so recommend.

I concur in their recommendation.

On motion of Mr. Trees, this donation was authorized.

**REQUEST OF MISSOURI-KANSAS PIPE LINE COMPANY  
FOR RIGHT OF WAY**

(35) A request from the Missouri-Kansas Pipe Line Company for permission to lay an 8-inch line north across the South Farm on a line about one thousand (1000) feet east of the First Street road extended, crossing University property from its southern limits to the city limits of Champaign. The Company submits a form of agreement which, if approved, would grant a perpetual easement or right of way for their use.

On motion of Mr. Armstrong, this matter was referred to the President of the University and the Legal Counsel for consideration and report.

**ATHLETIC ASSOCIATION BUDGET**

Mr. Trees presented for the Finance Committee a recommendation that the budget of the Athletic Association for the year beginning July 1, 1930, be approved.

On motion of Mr. Trees, this budget was approved.

**BAKER PRIZE FUND INVESTMENTS**

Mr. Trees presented for the Finance Committee a recommendation that the Treasurer be authorized to deposit \$300 of Vancouver Lumber Company Limited First Mortgage 7½ per cent gold bonds with the Continental Illinois Bank and Trust Company for the use of the Bond Holders Protective Committee under the terms of the Bond Holders Protective Agreement dated June 12, 1930. These bonds are part of the securities given by Professor Ira O. Baker to endow the Baker prizes.

On motion of Dr. Noble, this recommendation was adopted.

**MCKINLEY HOSPITAL FINANCES**

Mr. Trees, for the Finance Committee, made a report of progress on the consideration of the method of financing the McKinley Hospital.

**INVESTMENT OF WOMAN'S RESIDENCE HALL FUNDS**

Mr. Trees, for the Finance Committee, presented a recommendation that the Woman's Residence Halls Fund be not invested at present (see Minutes, June 3, 1930, page 600).

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

**BUSWELL PATENTS RELEASED**

Mr. Fisher presented the following report.

At the meeting of the Board of Trustees on June 19, there was referred to the Committee on Patents the matter of releasing to A. M. Buswell the United States and Canadian rights in his patents on cellulose digestion.

The Committee has investigated this matter and, in view of the undeveloped state of the invention and the fact that Dr. Buswell made the invention while working for the State Water Survey division, the Committee recommends that the Board release to Professor Buswell and his associate in this project, C. S. Boruff, the rights which they have heretofore assigned to the University upon payment to the University of the items of expense shown on the University's books as having been expended in connection with these patents and the contract with F. N. Bard for the exploitation thereof.

J. W. ARMSTRONG  
W. L. NOBLE  
WALTER T. FISHER, *Chairman*  
*Committee on Patents*

On motion of Dr. Noble, this recommendation was approved, and the proper University officers were authorized to execute the necessary documents.

**URBANA COKE CORPORATION**

Mr. Fisher presented the following report.

On April 9, 1930, the Board referred to a special committee on patents the matter of releasing the Urbana Coke Corporation from any claim on the invention known as the Parr-Layng Coking Process, based on the clause providing that the corporation shall spend \$50,000 in five years in developing the process.

The committee finds that the sum mentioned has been spent within the period and recommends that the Board grant the request of the Urbana Coke Corporation.

J. W. ARMSTRONG  
W. L. NOBLE  
WALTER T. FISHER, *Chairman*  
*Committee on Patents*

On motion of Dr. Noble, this recommendation was concurred in.

**FOREIGN PATENTS ON BURKS INVENTION**

Mr. Fisher presented the following report.

President Kinley requested the Committee on Patents to ascertain whether anything should be done with reference to taking out foreign patents upon the invention of Dana Burks, Jr., on a method of freezing a clear block of ice.

On the basis of the information now in the possession of the Committee the Committee believes that there is no reason for making application for foreign patents on this invention.

J. W. ARMSTRONG  
W. L. NOBLE  
WALTER T. FISHER, *Chairman*  
*Committee on Patents*

On motion of Dr. Noble, this recommendation was adopted.

**REPORT OF THE COMMITTEE ON PATENTS**

Mr. Fisher presented the following report.

The Committee on Patents recommends that the Board make a declaration that the University waive any rights which it may have in any discovery which Dr. William H. Welker may have made in the refining and concentration of anti-toxin sera which will eliminate serum sickness reactions.

J. W. ARMSTRONG  
W. L. NOBLE  
WALTER T. FISHER, *Chairman*  
*Committee on Patents*

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

**FURNISHINGS FOR PRESIDENT'S HOUSE**

President Barr made a statement concerning the purchase of certain furnishings for the new President's House.

On motion of Mrs. Evans, the President of the Board was authorized to appoint a committee of three members (of which he should be one) to cooperate with President and Mrs. Chase in the purchase of furnishings for the new house. President Barr appointed the following committee: Mrs. Evans, Mr. Trees, Mr. Barr.

On motion of Dr. Noble, an appropriation of \$5000, or so much thereof as may be necessary, from the Reserve and Contingent Fund, was made for the purchase of furnishings for the new President's House. The vote was as follows: Aye, President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

**APPOINTMENTS MADE BY THE PRESIDENT**

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

Allison, Lowell Edward, Assistant in Soil Biology, in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 15, 1930)<sup>1</sup>

Boyd, Mrs. Ella F., Director of Social Activities for the Summer Session at the Woman's Residence Hall, for two months beginning July 1, 1930, 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. (July 16, 1930)

Bradley, William F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (July 9, 1930)

Dalton, C. E., Laboratory Helper in the Chemistry Department, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and twenty-five dollars (\$125) a month. (July 16, 1930)

Deere, Mabel, Editorial Assistant in the Agricultural Experiment Station, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and twenty-five dollars (\$125) a month. (July 14, 1930)

Derr, Paul H., Assistant in Physical Education, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and sixty dollars (\$160) a month. (July 10, 1930)

Ganster, William Allaman, Assistant in Architecture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and seventy dollars (\$170) a month. (July 10, 1930)

Gazan, Margaret M., Stenographer in the President's Office, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash

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

compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 14, 1930)

Gilmore, Sylvia Coral, Assistant in the Order Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 22, 1930)

Grimm, Thelma F., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month for the first semester, and seventy dollars (\$70) a month, for the second semester. (July 9, 1930)

Gulledge, James Ratliff, Assistant in the Loan Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and fifty dollars (\$150) a month. (July 22, 1930)

Hargis, Delilah Blanche, Cataloger in the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 14, 1930)

Harman, Harry Jones, Assistant in Architecture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and seventy dollars (\$170) a month. (July 10, 1930)

Henderson, Glenna A., Extension Specialist in Foods and Nutrition, in the Department of Home Economics, in the Agricultural Extension Service, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred eighty-three dollars and thirty-three cents (\$183.33) a month. (July 15, 1930)

Hershberger, Merl Franklin, Assistant in Soil Biology, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 8, 1930)

Heubaum, Ulrich, Special Research Assistant in Chemistry, for one year beginning July 1, 1930, at a cash compensation at the rate of two hundred and twenty-five dollars (\$225) a month. (July 8, 1930)

Holloway, J. H., Special Research Assistant in Chemistry, on one-half time, for five months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 22, 1930)

Holmes, Stella A., Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 23, 1930)<sup>1</sup>

Huston, Alfred Dwight, Assistant in English, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (July 8, 1930)

Jackson, Arnold O., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 9, 1930)

Johnson, Percy Evert, Assistant in Soil Experiment Fields, in the Agriculture Experiment Station, and in Soils Extension, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 8, 1930)

Kaplan, Samuel, Assistant in Obstetrics and Gynecology, in the College of Medicine, beginning August 1, 1930, and continuing until September 1, 1931, without salary. (July 22, 1930)

Kettelkamp, Gilbert C., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 22, 1930)

Lehman, M. R., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 22, 1930)

Noggle, Wave Lynn, Assistant in the Order Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission

<sup>1</sup>Appointment made by President Kinley in May, subject to receipt of evidence that candidate received degree in June. Report on degree received July 23, 1930.

sion, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 22, 1930)

Penrod, Blanche, Editorial Assistant in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (July 14, 1930)

Potter, Kenneth Alvin, Assistant in Soil Experiment Fields, in the Agricultural Experiment Station, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 8, 1930)

Potthoff, Edward F., Associate in Education, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred and seventy dollars (\$270) a month. (July 15, 1930)

Presta, Peter S., Scholar in Romance Languages for ten months beginning September 1, 1930, at a stipendium of three hundred dollars (\$300). (July 9, 1930)

Richman, Samuel Herbert, Roentgen Operator and Assistant in Radiology, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (July 14, 1930)

Roche, Alphonse V., to give instruction in Romance Languages, on one-half time, in the Summer Session of 1930, beginning July 14 and ending August 9, 1930, at a cash compensation of sixty-six dollars and sixty-six cents (\$66.66) for the session. (July 24, 1930)

Rothenburger, Ruth Mae, Assistant in the Loan Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars and thirty-three cents (\$108.33) a month. (July 16, 1930)

Schreiber, William I., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 15, 1930)

Smith, Robert Karl, Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, beginning September 1, 1930, and continuing until June 30, 1932, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 8, 1930)

Sohl, William E., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 9, 1930)

Stouffer, Ernest Lawrence, University Superintendent of Building Construction, in the Office of the Supervising Architect, for one year beginning September 1, 1930, at a cash compensation at the rate of three hundred and fifty dollars (\$350) a month. (July 22, 1930)

Symons, G. E., Assistant in Chemistry, on three-fourths time, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and fifteen dollars (\$115) a month. (July 16, 1930)

Tarvin, Donald, Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (July 16, 1930)

Toth, Edmund Francis, Assistant in Architecture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and ninety dollars (\$190) a month. (July 9, 1930)

Turnell, Elizabeth Jane, Assistant in English, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (July 8, 1930)

Voigt, Rudolf G., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 15, 1930)

Wiley, T. Tarson, Scholar in Civil Engineering for ten months beginning September 1, 1930, at a stipendium of three hundred dollars (\$300). (July 9, 1930)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

# MEETING OF THE BOARD OF TRUSTEES

OF THE

# UNIVERSITY OF ILLINOIS

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September 17, 1930



The September meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, September 17, 1930. The following members were present: President Barr, Mr. Armstrong, Mr. Blair, Mrs. Blake, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Trees.

President Chase was present.

#### MINUTES APPROVED

The Secretary presented the minutes of the meeting of July 23, 1930.

On motion of Mr. Trees, the minutes were approved as printed on pages 1 to 52 above.

**EXECUTIVE COMMITTEE MEETING, AUGUST 4, 1930**

The Secretary presented for record the following minutes:

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Union League Club in Chicago at 12:30 p.m. (Chicago time) on Monday, August 4, 1930. Mr. George A. Barr, Chairman, Mr. James W. Armstrong, and Mrs. Laura B. Evans were present; also President Chase and Professor James M. White. Mr. J. O. Merrill, of the firm of Granger & Bollenbacher, was present during part of the meeting.

**NEW STACK FOR BOILER HOUSE**

Bids for the construction of the new stack for the Boiler House were opened, the figures being:

*Foundation*

King & Petry.....	\$5 485 00
A. W. Stoolman.....	3 625 00
Frank Somers & Co.....	3 650 00

The bid of A. W. Stoolman did not include excavation; the cost of which was more than the difference between his bid and that of Frank Somers & Co. Mr. Somers' bid included excavation and was, therefore, the low bid.

On motion of Mrs. Evans the contract was awarded to the low bidder, Mr. Somers.

*Superstructure of the Stack*

Alphons Custodis Chimney Construction Co.....	\$11 800 plus \$450 for lightning rods
Heine Chimney Co.....	12 790 plus 475 for lightning rods
H. R. Heinicke & Co.....	9 795 plus 350 for lightning rods

On motion of Mr. Armstrong, the contract for the superstructure was awarded to the low bidder, H. R. Heinicke & Company, on their bid of \$10,145 for stack and lightning rods, on condition that samples of their material shall stand the test required by the specifications.

**CONTRACT FOR ROOFING AND SHEET METAL ON WOMAN'S GYMNASIUM**

The bids on this work were published in the Board Minutes of June 19, 1930 (page 617). President Chase submitted the following letter pertaining to this contract, and concurred in the recommendation:

August 2, 1930

*President H. W. Chase, 355 Administration (W)*

*WOMAN'S GYMNASIUM*

DEAR PRESIDENT CHASE:

I am enclosing a schedule of the sheet metal and roofing bids on the Woman's Gymnasium which were opened on June 19th but because of alternate proposals on slate from different quarries I was not prepared to make a recommendation.

I desire to recommend that the contract be awarded to the low bidder, F. Meyer & Bro. Co., of Peoria, Ill., on their base bid of \$22,784 with the deduction made in their bid of \$4,016 for the use of the smaller size Rising and Nelson Company's slate, which is the same as that used on our Architectural building and which Mr. Platt prefers. This will make the net bid \$18,768.

Very respectfully,

JAMES M. WHITE  
*Supervising Architect*

On motion of Mr. Armstrong, this contract was awarded to F. Meyer & Bro. Co. on the basis of their net bid of \$18,768.

**AIR HEATERS FOR BOILER HOUSE ADDITION**

President Chase submitted the following letter from the Supervising Architect and concurred in the recommendation:

August 2, 1930

*President H. W. Chase, 355 Administration Bldg., (W)*

**BOILER HOUSE ADDITION**

DEAR PRESIDENT CHASE:

In connection with the raising of our new boilers, we have to purchase air pre-heaters. They have to be specially designed to fit the Babcock and Wilcox boilers and therefore must be designed by the B. & W. Company, and to insure successful operation, should be manufactured by them.

They have made us a proposal for these two heaters of \$6,673 less an educational discount of \$794, making their net bid \$5,879.

I recommend that the contract be awarded to them on this basis.

Yours truly,

JAMES M. WHITE  
*Supervising Architect*

On motion of Mr. Armstrong, a contract with the Babcock & Wilcox Company for these heaters in the amount of \$5,879 was approved.

**HEATING CONTRACT ON THE MEDICAL AND DENTAL LABORATORIES**

Mr. J. O. Merrill, of the firm of Granger & Bollenbacher, presented the following list of bids received on June 20 for the heating of the Medical and Dental Laboratories Building. Dr. W. L. Noble of the Board of Trustees was present when these bids were opened. Mr. Merrill submitted a recommendation from his firm that the contract be awarded to the Davis Construction Company of Chicago, whose base bid was the lowest at \$69,995.

August 4, 1930

*Board of Trustees, University of Illinois*

**Re: SELECTION OF HEATING CONTRACTOR FOR MEDICAL AND DENTAL COLLEGE LABORATORIES**

GENTLEMEN:

We enclose herewith Schedule of bids received for the heating work.

In this connection we wish to call your attention to the fact that the Davis Construction Company has submitted the lowest base bid, which includes all of the work necessary in the new building, but does not include the necessary alterations to the heating pipes in the present hospital building to properly connect to the new work.

This work within the present hospital building is included in alternate No. 4; on the basis of the base bid, plus alternate No. 4 the United Plumbing and Heating Company are low.

We have given this matter careful consideration and have taken up the matter of alternate No. 4 with Mr. Hammond and Mr. L. A. Snider who are of the opinion that the work included in this alternate should not be included in the present contract.

The amount of alteration work to present lines in the Research Hospital Building to take care of the Medical and Dental College Laboratories Building and other recent buildings has not yet been definitely determined and no definite plans and specifications for this alteration work have been made.

The figures included in alternate No. 4 were obtained by an investigation of the present work by the various bidders and amount to little more than an estimate on their part as to the cost of required changes.

We therefore recommend that the contract be let to the Davis Construction Company on the basis of their base bid of \$69,995 and that the work included in alter-

nate No. 4 be let as a separate contract at a later date when definite plans and specifications can be prepared and checked by the state architect's office.

We have investigated the qualifications of the Davis Construction Company and find them to be responsible bidders. We enclose herewith their financial statement.

Very truly yours,

GRANGER & BOLLENBACHER

By J. O. MERRILL

HEATING BIDS

Medical and Dental College Laboratories

	Davis Const. Company	United Plbg. & Heating	L. H. Prentice H. P. Reger	
Base bid, including Johnson Reg. and pipe covering; not including outside lines..	\$69 995	\$71 500 (Note A)	\$71 571	\$74 499
Alternate No. 1, add for National Reg....	340		343	400
Alternate No. 1, add for Powers Reg.....	3 750		3 750	4 125
Alternate No. 2, deduct for omission of pipe covering.....	5 700	8 058	8 000	8 000
Alternate No. 3, deduct for fees.....				
Alternate No. 4, add for outside lines.....	3 771	1 571	4 200	2 300
Total base bid plus Alternate No. 4.....	73 766	73 071	75 771	76 799

Note A—United Plumbing & Heating Company's bid does not state which temperature control system is included in Base Bid.

	Wm. V. Hoier	Wm. A. Pope	Chas. E. Evans	Gallaher and Speck
Base bid, including Johnson Reg. and pipe covering; not including outside lines..	\$74 800	\$78 486	\$78 495	\$80 388
Alternate No. 1, add for National Reg....	343	440	343	
Alternate No. 1, add for Powers Reg.....	1 350	4 400	3 750	
Alternate No. 2, deduct for omission of pipe covering.....	5 000	8 100	8 642	8 410
Alternate No. 3, deduct for fees.....				
Alternate No. 4, add for outside lines.....	1 800	2 725	1 384	1 900
Total base bid plus Alternate No. 4.....	76 600	81 211	79 879	82 288

	Economy Plbg. & Htg.	C. W. Johnson	Carl J. Stein Co.	S. J. Reynolds	W. J. Gemeny Co.
Base bid, including Johnson Reg. and pipe covering; not including outside lines.....	\$83 000	\$83 324	\$83 500	\$84 000 00	\$85 999
Alternate No. 1, add for National Reg.....	343	425			
Alternate No. 1, add for Powers Reg.....	3 750	4 230	4 125		
Alternate No. 2, deduct for omission of pipe covering.....	8 200	9 855	8 500	9 734 50	8 125
Alternate No. 3, deduct for fees.....	50				20
Alternate No. 4, add for outside lines.....	5 250	2 100	1 500	3 343 00	3 200
Total base bid plus Alternate No. 4..	88 250	85 424	85 000	87 343 00	89 199

There are certain alternates with respect to temperature regulations and pipe covering, and the contract will be so drafted as to reserve the right to accept any of these alternates at a later date.

On motion of Mr. Armstrong, the contract for heating was awarded to the Davis Construction Company, the lowest bidder, as recommended.

SASH FOR MEDICAL AND DENTAL LABORATORIES

In connection with the original bids for the General Contract for the Medical and Dental Laboratories Building, an alternate proposal was received for the use of aluminum sash for part of the windows. An alternate was also taken for the omission of the steel sash for the entire building. Since then figures have been taken directly by the architects, and it appears that a considerable saving can be made by buying these sash directly from the manufacturers. The following letter from Granger and Bollenbacher of August 4, 1930, with the schedule of bids received, which explains the situation in detail, was submitted at this point and was received for record.

August 4, 1930

Board of Trustees, University of Illinois

*Re: SELECTION OF WINDOW CONTRACTOR FOR MEDICAL AND DENTAL COLLEGE LABORATORIES*

GENTLEMEN:

The original plans and specifications for the general contract on the above building call for steel sash throughout with an alternate for aluminum sash in the portion of the building extending south on Lincoln Street.

When the general contract was let the Owner retained the option of accepting the alternate for aluminum sash in the amount of \$37,000 extra to the contract amount; and also an option of taking the steel sash out of the general contract for an amount of \$40,455 to be deducted from the general contract amount.

This was done because it was thought that there might be some advantage in letting all of the sash under a separate contract.

We enclose herewith a schedule of bids on various sash received direct.

We recommend the use of Kawneer aluminum windows at a cost of \$47,759 including necessary changes in stone work to install these windows and the acceptance of Lupton sash for the remaining steel windows at a cost of \$16,676, both of these contracts to be let direct.

Our reason for recommending the third low bid for steel windows is that the bids of Fenestra and Crittall are for lighter windows which do not comply with the original specifications for steel windows in this building.

We recommend that no contract be let on screens at this time on account of the great difference in the various screen bids. We will investigate the relative merits of the various screens and submit a recommendation at a later date.

We wish to call your attention to the fact that the Kawneer aluminum windows plus the Lupton steel windows, plus the estimate received for the screens, amounts to \$71,504 whereas the amount included in the general contract amounts to \$77,455.

There will therefore be a saving of about \$7,000 by letting direct contracts on the sash.

Very truly yours,

GRANGER & BOLLENBACHER  
By J. O. MERRILL*SCHEDULE OF WINDOW BIDS  
MEDICAL AND DENTAL COLLEGE LABORATORIES*

	<i>Aluminum Windows</i>	<i>Remaining Steel Windows</i>	<i>Aluminum Windows</i>	<i>Steel Windows</i>
Kawneer.....	\$47 759 <sup>1</sup>	\$25 427	\$2 700	\$3 495
Lupton.....	54 607	16 676	8 400	4 270
Fenestra.....		9 697		830 <sup>2</sup>
Crittall.....		16 145		2 449
General Bronze.....	68 761		8 668	

Granger & Bollenbacher recommended, and Professor White concurred in the recommendation, that the contract for the sash be divided and that the aluminum sash be purchased from the Kawneer Company of Niles, Michigan, at their bid of \$37,980 and that the steel sash be purchased from the David Lupton's Sons Company, at their bid of \$16,676. In neither of these cases are screens included.

On motion of Mr. Armstrong, the award for the aluminum sash was made to the Kawneer Company on the basis of their bid of \$37,980.

On motion of Mrs. Evans, the award for the steel sash was made to the David Lupton's Sons Company on the basis of their bid of \$16,676.

<sup>1</sup>Includes \$9,779 for extra cutstone required on account of 4-inch frames.

<sup>2</sup>Does not include screens for projected sash.

Mr. Merrill explained that the use of aluminum windows necessitated making the stone jambs and mullions four inches deeper than was provided for in the General Contract. A bid of \$9,779 for the extra stone has been received from the O'Neil Construction Company. Although this bid seems to be too high, the architects were authorized to proceed with the work on the basis of an extra cost not to exceed this amount for stone, the specific amount to be reported later. Mr. Merrill explained that even with this extra for the stone a saving of about seven thousand dollars on the whole sash transaction will be made.

#### HOME PASTEURIZATION OF MILK

Professor White, as Chairman of the President's Committee on Patents, presented a report of a process developed by members of the medical faculty, in conjunction with the State Department of Public Health, for the home pasteurization of milk. Dr. Andy Hall, Director of the State Department of Public Health, desires to promote this process as rapidly as possible. Arrangements have been made to demonstrate it at the Illinois State Fair this month. President Chase has communicated with Mr. Fisher, Chairman of the Board Committee on Patents. As immediate action seemed necessary, the Executive Committee referred the matter to President Chase with power to take such action with reference to patenting and negotiating for the manufacture of the devices as seemed necessary.

#### RIGHT OF WAY THROUGH EXPERIMENT FIELD AT ALEDO

The Department of Public Works and Buildings of the State of Illinois has requested a new right of way for public road purposes through part of the University Experiment Field located in Mercer County at Aledo, Illinois. This is to replace a previous right of way granted by the Board of Trustees on March 13, 1929 (Minutes, page 151). It appears that the Bureau of Public Roads of the United States Department of Agriculture did not approve the route as originally proposed by the State Department of Public Works and Buildings, and since this highway is to be a Federal Aid road, the State Department must change the road route to meet the approval of the Federal authorities.

The new right of way will be more satisfactory from the point of view of the Agricultural Experiment Station than the previous one, and the Dean of the College of Agriculture has recommended that the request be granted. President Chase concurred in this recommendation on condition that the donors of the field join in the dedication.

On motion of Mr. Armstrong, this recommendation was approved and the President and the Secretary of the Board were authorized to execute the dedication of the new right of way.

#### APPROPRIATION FOR PSYCHOLOGICAL TESTS OF STUDENTS

President Chase requested permission to make a psychological test of new students this fall and to follow it up through the year. He recommended that a non-recurring appropriation of \$1,700, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to be used for this experiment.

On motion of Mrs. Evans, the Executive Committee voted to approve the plan and, on roll call, the appropriation was made by unanimous vote.

#### ARBORETUM

President Chase presented a suggestion from the Supervising Architect that \$10,000 of the Physical Plant Extension Appropriation for 1930-31 be used in starting an arboretum in the northwest corner of the Horticultural Laboratory grounds. This arboretum was planned in 1923 but has never been started.

On motion of Mrs. Evans, the Executive Committee approved the assignment of this amount for the arboretum.

#### GALLIVAN ADDITION AND PENNSYLVANIA AVENUE

Mr. Armstrong, to whose committee had been referred the question of ownership of certain property along the north edge of the Gallivan tract, reported that he desired to have a conference in Urbana and requested President Chase to arrange for a meeting, possibly just in advance of the regular Board Meeting next month.

**PLANS FOR PRESIDENT'S HOUSE**

The Supervising Architect presented the completed drawings for the President's House and asked for authority to advertise for bids. He stated that these drawings had been developed without any material change either in plan or design from the studies formerly presented to the Board of Trustees. President Chase expressed his satisfaction with the plans as prepared and recommended that bids be received on them.

On motion of Mrs. Evans this recommendation was approved.  
The Executive Committee adjourned.

**EXECUTIVE COMMITTEE**

GEORGE A. BARR, *Chairman*  
J. W. ARMSTRONG  
LAURA B. EVANS

On motion of Mr. Trees, these minutes were received for record.

On motion of Mr. Blair, the action of the President and the Secretary of the Board in executing the right-of-way through the experiment field at Aledo was confirmed.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**ADJUSTMENTS IN THE BUDGET**

(1) The following changes and adjustments have been made in the budget for 1930-31, effective September 1, 1930, in accordance with the authority given the President to make such adjustments:

*Increases in Salaries*

H. E. Babbitt, Professor of Sanitary Engineering, from \$4500 to \$5000.  
C. L. Allen, Assistant Professor in the School of Journalism, from \$3200 to \$3500.  
Glyn Goodwine, of the Alumni Records Office, from \$2500 to \$2650, and a change in title from Chief Clerk to Office Manager.  
Mary E. Brennan, Chief Clerk and Head Bookkeeper in the Physical Plant Department, from \$2000 to \$2100.

*Promotions in Rank*

George de Tarnowsky, from Associate Professor of Surgery to Professor of Surgery (on the non-salaried clinical staff).  
Ernest L. Stouffer, from Superintendent of Building Construction to Assistant Supervising Architect, without change in salary (\$4,200 a year).

*Additional Positions*

The Department of Zoology—an increase in the provision for the salary of an associate from \$2400 to \$3000.  
The Department of Architecture—the addition of \$2500 for the salary of an additional instructor in freehand drawing.  
The Library, \$2800—\$1600 for an assistant in the Loan Department, and \$1200 for the wages of temporary employees.  
The University High School—an increase in the provision for a half-time teacher in physical education from \$700 to \$850.

On motion of Mr. Blair, these changes were approved.

**REVISION OF CAPPER-KETCHAM AND SMITH-LEVER BUDGETS**

(2) In order to comply with the Capper-Ketcham Law, it was necessary to revise our Capper-Ketcham budget. Dean Mumford submitted a revised budget, with slight changes also in the Smith-Lever budget, in addition to a budget for the new Additional Federal Cooperative Fund of \$26,000, made available by the federal government July 1, 1930. Since no expenditure of University funds was involved and approval was necessary in order to proceed under the revised budgets, I approved the distribution of funds in these changes. I report the matter for record.



## SMITH-LEVER EXTENSION

Expense and equipment, to June 30, 1931, \$36,631.84

## Salaries

## Budget Revision

## Salary Changes and Adjustments:

1. Page 145, line 25			
J. Ackerman, Assistant in Farm Management Extension (E).....	D	(-1600)	
(Transferred to Additional Federal Co-operative Fund Budget).....			
2. Page 145, line 29			
_____, Extension Specialist in Agricultural Economics with rank of Assistant Professor (E).....	D	(-3400)	
(Transferred to Additional Federal Co-operative Fund Budget)			
3. Page 148, line 55			
County Home Advisers:			
Revision			
32 @ \$2000 a year from Smith-Lever, Capper-Ketcham and State Appropriation.....		64 000 00	
Less State Appropriation <sup>1</sup> .....		<u>25 000 00</u>	
32 @ \$1218 75 fm. S-L, C-K		39 000 00	
10 @ \$1218 75 fm. C-K.....		<u>12 187 50</u>	
22 @ \$1218 75 from Smith-Lever.....		26 812 50	
Balance of Smith-Lever Salaries.....		<u>176 180 00</u>	
Total Smith-Lever Salaries.....		\$202 992 50	

<sup>1</sup>The \$25,000 State Appropriation for the fiscal year July 1, 1930, to June 30, 1931, will be paid by the State Department of Agriculture on the salaries of the county home advisers following monthly certification for salary by the Director of Extension.

**ADDITIONAL FEDERAL COOPERATIVE FUND**

(*Smith-Lever Extension*)

Expense and equipment, to June 30, 1931, \$10,400

*Salaries*

1.	_____, Extension Specialist in Marketing (E).....	D	5 000
	<i>(Transferred from Capper-Ketcham, page 149, line 2.)</i>		
2.	J. Ackerman, Assistant in Farm Management Extension (E)....	D	1 600
	<i>(Transferred from Smith-Lever, page 145, line 25.)</i>		
3.	_____, Specialist in Agricultural Economics with rank of Assistant Professor (E).....	D	4 000
	<i>(Transferred from Smith-Lever, page 145, line 29.)</i>		
4.	_____, Assistants in Marketing and Agricultural Economics	D	5 000
	<i>Total Salaries.....</i>		<b>\$15 600</b>

On motion of Dr. Noble, the action of the President of the University in this matter was approved.

**SALARY OF ACTING DEAN W. S. MONROE OF THE  
COLLEGE OF EDUCATION**

(3) A report that I have asked Professor W. S. Monroe to continue as Acting Dean of the College of Education during the present academic year or until a successor to Dean Chadsey shall have been appointed.

In view of the fact that Professor Monroe has been carrying the duties of the Deanship of the College of Education without a corresponding reduction of his other responsibilities, I have authorized an increase in his salary of \$75 a month, effective April 15, 1930, and continuing as long as he serves as Acting Dean.

On motion of Mrs. Evans, this action was approved.

**ROSELAWN CEMETERY**

(4) A request that Mr. Walter Riley be heard on the status of the negotiations for the purchase of Roselawn Cemetery.

Mr. Riley made a statement concerning this matter.

On motion of Mrs. Blake, the following resolution was adopted:

*Be it and it is hereby resolved* by the Board of Trustees of the University of Illinois that it exercise the option heretofore granted it to purchase the unsold lots in Roselawn Cemetery in Champaign County, Illinois, for the price of \$22,000 and that proper vouchers be issued in payment therefor.

*Be it further resolved* that in accepting conveyance of said premises the Board of Trustees of the University of Illinois does not recognize the right of Roselawn Cemetery Association or any other person or corporation to limit its right to the manner in which it shall use the said unsold lots but on the contrary accepts title to said unsold lots subject only to such conditions as may be imposed by the deed or deeds conveying the same.

**EXECUTIVE STAFF OF MCKINLEY HOSPITAL**

(5) A recommendation that Doctors J. H. Beard, V. A. Ross, and Maude Lee Etheredge be reappointed as the Executive Staff of the McKinley Hospital to serve from July 1, 1930, to July 1, 1931, in accordance with the policy adopted by the Board of Trustees on April 8, 1925 (Minutes, page 196).

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

**DEATH BENEFIT—PROFESSOR W. H. SMITH**

(6) A request from the Comptroller for an appropriation of \$2,375 to pay the death benefit in the case of Professor W. H. Smith, who died on August 30, 1930. This is payable to his beneficiary, Mrs. Ruby Hahnan Smith.

I recommend that this appropriation be made from the Reserve and Contingent Fund and that the Comptroller be authorized to make payment.

On motion of Mr. Armstrong, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Blake, Mrs. Evans, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mrs. Grigsby, Mr. Simpson.

**APPROPRIATION FOR CONSTANT TEMPERATURE CHAMBERS,  
DEPARTMENT OF HORTICULTURE**

(7) A recommendation from the Dean of the College of Agriculture that a special appropriation of \$1,500 be made to the Department of Horticulture from excess receipts for the year ended June 30, 1930, for the purpose of installing constant temperature chambers similar to those used by the Department of Botany, so that uniform temperature and humidity may be secured. This equipment would be installed either in the Horticulture Field Laboratory or in the greenhouse back of it.

I recommend approval.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Blake, Mrs. Evans, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mrs. Grigsby, Mr. Simpson.

**APPROPRIATION FOR ARCHAEOLOGICAL EXPLORATIONS**

(8) A request from Dr. A. R. Kelly of the Department of Sociology, in charge of the University's archaeological explorations, for a supplementary appropriation of \$1,500 to complete explorations already started on Plum Island, near Utica, Illinois, and to enable him to catalog and arrange the archaeological material secured this summer for study and publication. The Dean of the Graduate School, under whose jurisdiction such research grants are administered, recommends that the request be granted.

I concur, and recommend that an appropriation of \$1,500 be made from the Reserve and Contingent fund for this purpose.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Blake, Mrs. Evans, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mrs. Grigsby, Mr. Simpson.

**APPROPRIATION FOR PAVING ASSESSMENTS**

(9) A request from the Comptroller for an appropriation of \$1,200 to pay off the paving assessments against the sites of the University High School, Botany Annex, Transportation Building, and the present President's House, thus leaving only the assessments against the main frontages on Mathews Avenue and on Wright Street.

I recommend that \$1,200 be appropriated from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Blake, Mrs. Evans, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mrs. Grigsby, Mr. Simpson.

**APPROPRIATION FOR PATENTS EXPENSES**

(10) A request from the Chairman of the President's Committee on Patents for a supplementary appropriation of \$1,000 to meet expenses in connection with Patents on Discoveries and Inventions for the year 1930-31.

There is a balance of \$284.69 remaining in the appropriation made for this purpose in the budget, and statements have been received from the University's patent attorneys totaling \$566.72 for services rendered in the various cases. Other expenses will be incurred from time to time.

I recommend that an appropriation of \$1,000 be made from the Reserve and Contingent Fund for this purpose; and I recommend further that the payment of the statements submitted herewith from Brown, Jackson, Boettcher, & Dienner be authorized.

On motion of Dr. Noble, these recommendations were adopted. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Blake, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Grigsby, Mr. Simpson.

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

#### **PAYMENT FOR ARCHITECTURAL SERVICES ON THE MEDICAL AND DENTAL LABORATORIES**

(11) A statement from Granger & Bollenbacher, Architects, of the balance (\$12,000) due them August 13 for professional services rendered on plans for the new building for the Colleges of Medicine and Dentistry in Chicago. The Supervising Architect, who sends in this statement, recommends payment, the amount to be charged to the State appropriation for the new building. I concur.

On motion of Dr. Noble, this payment was authorized.

#### **CHANGE IN GENERAL CONTRACT FOR MEDICAL AND DENTAL LABORATORIES**

(12) A recommendation from Granger & Bollenbacher, Architects, in which the Supervising Architect concurs, that the action of the Board of Trustees of June 3, 1930 (Minutes, pages 594-596), in accepting the recommendation for the Kalman Process floors for the new Medical and Dental Laboratories Building at an extra cost of \$9,400 be rescinded and that Easthom Process floors be accepted in lieu thereof at a total cost of \$7,500. I recommend approval.

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

#### **SCREENS FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(13) At the meeting of the Executive Committee on August 4, 1930, contracts for the sash for the Medical and Dental Laboratories Building were awarded to the Kawneer Company of Niles, Michigan, for aluminum sash, and to the David Lupton's Sons Company for the steel sash. In neither of these cases were the screens included.

The Supervising Architect now submits a recommendation from Granger & Bollenbacher, architects for the building, that the contract for aluminum alloy screens for all aluminum windows, to cost \$2700, be awarded to the Kawneer Company; and that the contract for steel screens for all steel windows be awarded to the David Lupton's Sons Company, at \$4270, and concurs in these recommendations.

I recommend approval.

On motion of Mrs. Evans, these contracts were awarded as recommended.

#### **ELEVATORS FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(14) The Supervising Architect submits the following schedule of bids received by Granger & Bollenbacher, Architects, for elevators for the Medical and Dental Laboratories Building:

<i>Company</i>	<i>Base Bid</i>	<i>Bond</i>	<i>Completion</i>
Montgomery Elevator Co.....	\$35 300	\$270	Four months
Otis Elevator Co.....	36 000	300	Five months
Haughton Elevator & Machine Co....	36 378	370	Four-five months
Western Electric Elevator Co.....	39 124	291	Three months
Pitt Engineering Co.....	41 737	313	Eight months

Granger & Bollenbacher recommend that the contract be awarded to the Montgomery Elevator Company, the lowest bidder, on the basis of its bid of \$35,300.

I recommend approval.

On motion of Dr. Noble, this contract was awarded to the Montgomery Elevator Company, as recommended. Mr. Trees did not vote on this question.

#### AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(15) A report that I have authorized the Comptroller and the Secretary of the Board to execute for the University the following agreements for cooperative investigations:

1. Agreement with the Institute of Boiler and Radiator Manufacturers for an investigation of steam and hot water heating by the Engineering Experiment Station. This agreement will cover a period of one year from April 1, 1930, and the Institute has agreed to pay the sum of \$3,000 for the expenses of this investigation. A similar investigation of this nature has previously been conducted by the Station in cooperation with this Institute.

2. Agreement with the National Lumber Manufacturers Association for a cooperative investigation of timber floors by the Engineering Experiment Station. This agreement has been drawn for a period of two years from September 15, 1930, and the Association agrees to pay the sum of \$4800 for the expenses of the investigation. This agreement is similar in form and character to other cooperative agreements of this nature hitherto approved by the Board.

On motion of Mrs. Evans, this action was approved.

#### CONTRACTS FOR PRESIDENT'S HOUSE

(16) The Supervising Architect submits the following schedule of bids received for the general work, heating, plumbing, and wiring, for the President's House, and recommends that the contract be awarded to the lowest bidders in each case.

##### GENERAL WORK

Bidders	Base Bid	A		C		D		E		F	
		Deduct	Deduct	Add	Deduct	Deduct	Add	Deduct	Add		
1. Stoolman, A. W.	\$87 487	\$3909	\$2750	\$1500	\$ 810	\$ 456					\$3100
2. Krall, A. F.	90 985	3302	2747	2000	520						
3. King & Petry	95 900	2550	3400	1650	800	200					3000
4. Whittenberg, H. G.	96 400	3691	3773	1500	705	417					2012
5. Bethel & Sons	97 500	2395	3150	2000	700	275					2700
						Add					
6. English Bros.	98 000	6000	4000	1500	1300	1800					2000
7. Sowers & Corkery	101 000	5900	3900	1400	1200						1900

Alternate A—If the garage and paved court are omitted, deduct.

Alternate B—If exterior walls and all other construction above floor of Conservatory are omitted, deduct.

Alternate C—If Rooms R-1 to R-4 are finished as noted, add.

Alternate D—If wood sash are used and all screens for wood windows and "basement" steel windows are omitted, deduct.

Alternate E—If steel casement sash are used and all screens for wood windows remaining and "basement" steel windows are omitted, deduct.

Alternate F—If Fenestra "Fencraft" screened steel casement windows are used in first and second stories of main part, add.

##### HEATING

Bidders	Base Bid	A		B		C	
		Deduct	Deduct	Deduct	Deduct		
1. Johnson Bros.	\$5 328 00	\$348 00	\$446 00			\$730 00	
2. Carson-Payson Co.	5 390 00	290 00	450 00			650 00	
3. Reliable Plbg. & Htg. Co.	5 635 00	310 00	511 00			856 00	
4. Murray, A. W., & Co.	6 200 00	315 00	450 00			775 00	
5. Champaign Plbg. & Htg. Co.	6 300 00	345 00	290 00			759 00	
6. Kern, O. L., & Co.	6 770 56	216 00	400 00			1 450 00	

Alternate A—If heating in connection with Conservatory is omitted, deduct.

Alternate B—If heating for Garage is omitted, deduct.

Alternate C—If boiler is furnished by Owner, deduct.

##### PLUMBING

Bidders	Base Bid	A		B	
		Deduct	Deduct	Deduct	Deduct
1. Carson-Payson Co.	\$10 483 00	\$ 60 00		\$ 25 00	
2. Kern, O. L., & Co.	11 086 62	205 00		112 00	
3. Johnson Bros.	11 165 00	98 00		100 00	
4. Murray, A. W., & Co.	11 925 00	50 00		75 00	
5. Champaign Plbg. & Htg. Co.	12 000 00	115 00		82 00	
6. Reliable Plbg. & Htg. Co.	12 445 00	165 40		208 15	

Alternate A—If all plumbing in connection with Conservatory is omitted, deduct.

Alternate B—If all plumbing in connection with Garage is omitted, deduct.

**WIRING**

<i>Bidders</i>	<i>Base Bid</i>	<i>A Deduct</i>	<i>B Deduct</i>
1. Hatfield Electric Co.....	\$2 742 00	\$45 00	\$50 00
2. Marrs-Tanner Electric Co.....	2 995 00	78 00	70 00

Alternate A—If all electrical work in connection with Garage is omitted, deduct.  
Alternate B—If all electrical work indicated in Room No. 101 is omitted, deduct.

On motion of Mr. Trees, the general contract was awarded to the lowest bidder, A. W. Stoolman, on the basis of his bid of \$87,487, plus \$1500 for the basement, and subject to the acceptance of option F.

On motion of Mr. Armstrong, the contract for heating was awarded to the lowest bidders, Johnson Brothers, on the basis of their bid of \$5328.

On motion of Mrs. Evans, the contract for plumbing was awarded to the lowest bidders, the Carson-Payson Company, on the basis of their bid of \$10,483.

On motion of Mrs. Evans, the contract for the wiring was awarded to the lowest bidders, the Hatfield Electric Company, on the basis of their bid of \$2742.

On motion of Dr. Noble, \$25,000 additional was appropriated from the Reserve and Contingent Fund for the construction of the President's House. The vote was as follows: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Blake, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Grigsby, Mr. Simpson.

**PAVING OF FLORIDA AVENUE**

(17) A recommendation that the Board accept assessment against University property fronting on Florida Avenue in Urbana for pavement and lighting. The Supervising Architect reports that the City Engineer of Urbana estimates the University's share of this as \$22,068.98.

On motion of Mrs. Evans, the Board voted to express its willingness to be assessed for this improvement.

**LINCOLN AVENUE STORM SEWER**

(18) On May 9, 1930 (Minutes, page 582), the Board approved participation in the construction of a storm sewer on Lincoln Avenue from the University outlet through the Forestry to the Bone Yard, if means permit.

The University's share on the basis of tributary area of the cost of this improvement is \$26,805.

The Supervising Architect is of the opinion that this project should go forward this year since funds are available for the purpose.

On motion of Mr. Trees, the Board voted to express its willingness to pay its share of the cost of this improvement. It was the opinion of the Board that the just distribution of the cost should be studied further.

**ASSIGNMENT OF PATENT RIGHTS**

(19) The Secretary of the Board reports that he has received the following assignments to the Board of Trustees of the rights, title, and interest in the inventions concerned for which applications are pending:

1. From H. E. Babbitt and Harry E. Schlenz, U. S. Letters Patent Serial No. 459,397, for an improvement in Sludge Digestion (Case 1). This assignment has been recorded in Liber K 144, page 394 of Transfers of Patents.

2. From Dana Burks, Jr., U. S. Letters Patent Serial No. 462,401, covering an improvement in Chemical Treatment of Water (Case 1). This assignment has been recorded in Liber O 144, page 513 of Transfers of Patents.

3. From Dana Burks, Jr., U. S. Letters Patent Serial No. 462,221, covering an improvement in Means and Method for Freezing a Clear Ice Block (Case 2). This assignment has been recorded in Liber O 144, page 515 of Transfers of Patents.

On motion of Dr. Noble, these assignments were accepted.

**PATENT OF METHOD OF REMOVING SULPHUR-DIOXIDE  
FROM STACK GASES**

(20) Dr. H. F. Johnstone, Special Research Associate in Chemical Engineering, in his work on the "Prevention of Corrosion by Flue Gases" and "A Study of Stack Gases," research projects carried on with the Utilities Research Commission as sponsors, has discovered an important method of the removal of sulphur-dioxide (SO<sub>2</sub>) from any stack gases in which it may occur. The process is simple, efficient, and inexpensive, and has been amply demonstrated in the laboratory. It is the feeling of all concerned that the process should be protected by a patent application before experiments under practical plant operating conditions are given.

I recommend that Doctor Johnstone be authorized to apply for a patent of his process on condition that the same be assigned by him to the University.

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

**REQUEST TO MAKE THE DAILY ILLINI A LABORATORY NEWS-  
PAPER OF THE SCHOOL OF JOURNALISM**

(21) A petition from certain senior members of *The Daily Illini* staff for 1929-30 requesting that the publication be made a laboratory newspaper of the School of Journalism on September 1, 1932. The petition is presented through the Director of the School of Journalism.

On motion of Mr. Fisher, this matter was referred to the President of the University.

**BEQUEST OF THE LATE ROBERT HALL BABCOCK**

(22) The Comptroller reports that he has received a notice that the will of the late Robert Hall Babcock of Chicago, who died on June 28, 1930, contains the following provision:

"To the Crerar Library of Chicago, Illinois, or to the Medical Department of the Illinois State University, or to both of them in such proportions as my said children may select, my medical library, after due inquiry as to the respective needs of these two institutions."

This report was received for record.

**OFFER OF LAND FROM MR. C. A. HOLLETT**

(23) A letter from Dean H. W. Mumford of the College of Agriculture concerning the offer of Mr. C. A. Hollett of Alvin, Illinois, to deed to the University of Illinois some 320 acres of land in Vermilion County, provided the University assume a \$14,000 indebtedness on the farm and agree to pay Mr. Hollett and his wife the sum of \$1,600 a year in addition.

On motion of Mr. Trees, the President of the University was requested to send to Mr. Hollett an expression of appreciation of his offer, and of regret that the Board cannot accept the offer at this time.

**RELEASE OF MILITARY HORSES AND EQUIPMENT FOR R.O.T.C.  
SUMMER CAMP TRAINING**

(24) A request from the Commanding Officer of the Sixth Corps Area for permission to use from 40 to 50 government horses and their saddle equipment, issued to the University by the War Department, at the summer training camp of the Cavalry R.O.T.C. at Camp Custer in 1931. The University is under bond to account for all such property issued to it.

Colonel C. W. Weeks, Commandant of the University R.O.T.C., recommends, and I concur in the recommendation, that the University interpose no objection to the Corps Area's request, provided that should shortage occur during the time this

property is used in connection with the summer training camp, the University be not held accountable therefor.

On motion of Mrs. Evans, the Board concurred in this recommendation.

**PURCHASE OF VARIOUS ITEMS OF EQUIPMENT**

- (25) A report for record, of the approval of requisitions for the following purchases:  
 1. Library furniture, to cost \$1,677.00, for the cubicles in the book stacks of the New Library, to be charged against Physical Plant Extension funds for 1929-30.  
 2. Electrical material for the Boiler House remodeling, to cost \$2,867.92, to be charged against the appropriation for the Boiler House Addition.

This report was received for record.

**MISSOURI-KANSAS PIPE LINE COMPANY**

- (26) The Missouri-Kansas Pipe Line Company requested a right-of-way across the campus on July 23, (page 48). It now appears that this company is seeking another route, and that action on their request will not be necessary.

This report was received for record.

**LABORATORY FEE IN GENERAL ENGINEERING DRAWING**

- (27) The head of the Department of General Engineering Drawing recommends that a laboratory fee of \$1.50 be established for two new courses in general engineering drawing, to be known as General Engineering Drawing 7 and General Engineering Drawing 8, which will be started this year for architects.

The Provost and the Comptroller recommend approval and I concur.

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

**REGISTRAR'S REPORT OF SUMMER SESSION FEES**

- (28) The following report from the Registrar of fees assessed during the Summer Session of 1930:

*FEES ASSESSED, SUMMER OF 1930  
 Urbana*

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 1 670 00	\$ 60 00	\$ 1 610 00
Incidental Fees.....	38 242 00	2 780 00	35 462 00
Tuition Fees.....	120 00		120 00
Visitor's Fees.....	131 25		131 25
Transcript of Credits Fees.....	230 50	1 00	229 50
Change Fees.....	132 00		132 00
Special Examination Fees.....	480 00	25 00	455 00
Diploma Fees.....	1 080 00	20 00	1 060 00
<i>Total, General Fees.....</i>	<i>\$42 085 75</i>	<i>\$2 886 00</i>	<i>\$39 199 75</i>
<b>Laboratory Fees</b>			
Bacteriology.....	\$ 324 00	\$ 27 50	\$ 296 50
Botany.....	185 50	5 00	180 50
Chemistry.....	2 550 00	259 50	2 290 50
French.....	2 00		2 00
Journalism.....	35 00		35 00
Law.....	8 00		8 00
Music.....	411 50	33 50	378 00
Physical Education (Women).....	250 50	20 25	230 25
Physics.....	141 00	37 75	103 25
Physiology.....	77 00	5 25	71 75
Psychology.....	4 00	1 00	3 00
Spanish.....	2 00		2 00
Zoology.....	162 00	8 13	153 87
<i>Total, Laboratory Fees.....</i>	<i>\$ 4 152 50</i>	<i>\$ 397 88</i>	<i>\$ 3 754 62</i>
<i>Total Fees, Urbana.....</i>	<i>\$46 238 25</i>	<i>\$3 283 88</i>	<i>\$42 954 37</i>

	<i>Chicago</i> <sup>1</sup>		
Matriculation Fees.....	\$	20 00	\$ 20 00
Tuition Fees.....	2 673 50		2 673 50
<i>Total Fees, Chicago</i> .....	\$	2 693 50	\$ 2 693 50
<i>Total Fees, Summer Session</i> .....	\$48 931 75	\$3 283 88	\$45 647 87

*Fees in Chicago assessed during Summer of 1930, but not for work  
carried in the Summer Session*<sup>1</sup>

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Transcript of Credit Fees.....	\$ 6 50		\$ 6 50
Special Examination Fees.....	30 00		30 00
Diploma Fees.....	1 010 00	\$ 20 00	990 00
<i>Total</i> .....	\$ 1 046 50	\$ 20 00	\$ 1 026 50

<sup>1</sup>Does not include a total of \$370.65 charged as deposits, breakage fees, and locker fees. Of this amount \$51.00 was refunded.

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND  
PURCHASE ORDERS**

(29) The following report from the Comptroller of contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER  
JULY 1, 1930, TO SEPTEMBER 11, 1930*

Cooperative research agreements executed on special authorization of the Board of Trustees in meeting of June 3, 1930, recorded in minutes on page 598:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
Chicago Bridge & Iron Works	\$2 200 00	June 6, 1930	For cooperative investigation of Cylindrical Shells as Columns
Chicago Bridge & Iron Works	2 200 00	June 6, 1930	For cooperative investigation of Joints in Wide Plates

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of July 23, 1930, recorded in minutes on pages 2 and 3:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
Utilities Research Commission	15 000 00	July 23, 1930	For cooperative investigation of stack gases

Purchase contract executed under special authorization of the Board of Trustees in meeting of July 23, 1930, recorded in minutes on page 25:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Hinners Organ Co.	1 440 00	July 23, 1930	Organ to be installed in School of Music

Minor contract executed on President's authorization, confirmed by the Board of Trustees in meeting of July 23, 1930, recorded in minutes on page 26:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Purpose</i>
Illinois Terminal Co.	Debit and credit demurrage rates as printed	Aug. 15, 1930	To secure credits to the University for freight cars unloaded in less than required time as partial offset for demurrage charged on others

Cooperative research agreement executed under general regulations for renewal of contracts previously authorized by Board of Trustees:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
Institute of Boiler and Radiator Manufacturers	3 000 00	April 1, 1930	For cooperative investigation of steam and hot water heating

Purchase contract executed under general regulations: (see also minutes of Board May 9, 1930)

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Purpose</i>
United Military Stores	\$40 each suit complete	July 15, 1930	Purchase of R.O.T.C. uniforms for 1930-31

Minor contract executed under general regulations:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular fees	August 4, 1930	Regular instruction in Electrical Engineering to be rendered to Mr. Wayne Vicklund beginning September 19, 1930

Leases executed under general regulations:

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by University</i>	<i>Date</i>	<i>Tenure</i>
Peter Scholl	Dwelling at 1207 W. Stoughton St., U.	\$45 per month	July 21, 1930	One year from August 15, 1930
<i>Leased from</i>				
University of Illinois Union	Prior claim of University to use any room or rooms in Union or Arcade Buildings for meetings	\$1000 per year	July 15, 1930	One year from July 1, 1930

LLOYD MOREY  
*Comptroller*

*PURCHASE ORDERS ISSUED IN JULY AMOUNTING TO \$1000 OR MORE*

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
Electric Coal Company	Coal	\$1080 00	Physical Plant	Physical Plant Operation	Quotation
American Terra Cotta Company	Vases	1474 00	Supervising Architect	Landscaping of Campus \$965.08; Physical Plant Extension \$508.92	Competitive <sup>1</sup>
Joseph T. Ryerson and Sons	Boiler Tubes	1616 63	Supervising Architect	Boiler House Addition \$1404.80; Stock \$211.83	Competitive <sup>2</sup>
W. M. Welch Manufacturing Company	Diplomas	3327 70	Registrar's Office	Registrar's Office 1930-31 Diplomas	Competitive <sup>2</sup>
Mississippi Valley Structural Steel Company	Structural Steel	3644 00	Supervising Architect	Boiler House Addition	Quotation <sup>3</sup>
Paltridge Metal Equipment Company	Book Shelving	4943 80	Supervising Architect	Physical Plant Extension 1929-30, \$3063.79; Physical Plant Furniture and Fixtures \$1880.01	Quotation <sup>2</sup>
Babcock and Wilcox Company	Boiler Repairs	4409 00	Supervising Architect	Boiler House Addition	Quotation <sup>1</sup>
American Blower Company	Draft Fans	1629 00	Supervising Architect	Boiler House Addition	Competitive <sup>2</sup>
Babcock and Wilcox Company	Chain Grate Stokers	11 471 00	Supervising Architect	Boiler House Addition	Competitive <sup>2</sup>

<sup>1</sup>Authorized by Board of Trustees, June 19, 1930.

<sup>2</sup>Authorized by Board of Trustees, July 23, 1930.

H. M. EDWARDS  
*Purchasing Agent*

**PURCHASE ORDERS ISSUED IN AUGUST AMOUNTING  
TO \$1000 OR MORE**

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure Quoted<sup>1</sup></i>
Babcock and Wilcox Company	Tubular Air Heaters	\$5879 00	Supervising Architect	Boiler House Addition	Quoted <sup>1</sup>
Westinghouse Electric and Manufacturing Company	Transformers, Transformer Cutouts	2531 00	Supervising Architect	Boiler House Addition	Competitive <sup>2</sup>
Producers Live Stock Commission Associ- ation	Cattle	2653 44	Animal Hus- bandry	Beef Cattle Station	Quoted <sup>3</sup>
Middle States Electric Company	Power Panels, Wire	1750 62	Supervising Architect	Boiler House Addition	Competitive
Twin City Printing Company	Chairs, Cos- tumers		Supervising Architect	Physical Plant Extension	Competitive <sup>4</sup>
Babcock and Wilcox Company	Water-box Equipment	1282 00	Supervising Architect	Boiler House Addition	Quoted <sup>5</sup>
Joseph T. Ryerson and Sons	Boiler Tubes	1672 38	Supervising Architect	Boiler House Addition	Competitive <sup>6</sup>

<sup>1</sup>Approved by Executive Committee of Board of Trustees, August 4, 1930.

<sup>2</sup>Approved by President Chase, August 7, 1930.

<sup>3</sup>Arranged by Professor H. P. Rusk.

<sup>4</sup>Approved by President Chase, August 18, 1930.

<sup>5</sup>Approved by Mr. George A. Barr, August 19, 1930.

<sup>6</sup>Approved by Mr. George A. Barr, August 29, 1930.

H. M. EDWARDS  
*Purchasing Agent*

This report was received for record.

**REPORT OF ARTHUR YOUNG AND COMPANY OF THEIR AUDIT OF  
THE ACCOUNTS OF THE UNIVERSITY**

(30) Arthur Young and Company, the public accountants retained by the Board to audit the accounts of the University, have reported on their audit for the quarter ended June 30, 1930.

In connection with this report I submit the following comments from the Comptroller:

September 11, 1930

*President H. W. Chase, 355 Administration*

DEAR PRESIDENT CHASE:

Arthur Young and Company, the public accountants engaged to audit the accounts of the University, have reported under date of August 18 on their audit for the quarter ended June 30, 1930. The report is in the hands of Mr. Cunningham, Secretary of the Board.

On pages 2 and 3 of the report, they raise the question as to the rate of overhead on supplies issued from the Office Supply Storeroom. I submit for the information of yourself and the Finance Committee to whom this report may be referred, my comment on the subject:

Our various storerooms are operated on the basis of cost, the charge to departments for material issued to them being at a price intended to cover the purchase price and the handling expense (overhead). While I do not want to claim that the figures submitted by Arthur Young and Company are incorrect without giving them further opportunity to explain, I am unable to verify their figures and believe that they must have made some error in adjusting the inventory figures which were as of May 31 to the book figures as of June 30. My information indicates a deficit of only \$434.36 in the Office Supply Storeroom account as of June 30, 1930.

I do not consider this a serious matter. The annual volume of business of this storeroom is about \$60,000 and the present rate of overhead plus other credits in the form of cash discounts will easily cover the overhead expense. The condition, therefore, is, I believe, temporary. Furthermore the stores accounts are operated practi-

cally as a unit and the total physical inventory on June 30, 1930, showed a liberal margin over the total of our book account at that time. This is a matter which has our constant attention.

Cordially yours,

LLOYD MOREY  
Comptroller

August 18, 1930

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRs:

We have audited the books of the University of Illinois for the quarter ended June 30, 1930, and submit the following brief summary of the work done and the result of the audit.

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and those certified to the State Auditor have been checked into the cash book and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipts of goods or services by the University. A number of payroll vouchers has been checked against the original time reports on file in the respective Departments. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer as at June 30, 1930, together with the securities in his custody as shown by the books of account have been verified by actual inspection and confirmation from the depository. Cash on hand has been verified by actual count.

Physical Inventories taken by the several stores departments near the close of the fiscal year have been recalculated by us and adjusted to June 30, 1930, by taking into account receipts and issues from the date of the inventory to June 30. A liberal selection of items has been verified as to quantity by actual inspection of the material and as to prices by comparison with the records of the Purchasing Division. During the course of our examination we found that the physical inventories of Chicago General Stores, General Chemical Stores, and Physical Plant Stores are somewhat in excess of the amounts shown in the respective control accounts, due to the fact that occasionally material charged to other departments has not been entirely used and a portion has been returned to stores. Adjustment is made periodically in the control accounts to bring them into approximate agreement with the physical inventories.

The inventory of office supplies compares with the control account as follows:

	<i>Purchase Price</i>	<i>Overhead</i>	<i>Total</i>
Physical Inventory.....	\$22 288 84	\$ 928 68	\$23 217 52
Control Account.....	21 849 61	3 529 58	25 379 19
Physical Inventory over or <i>Short</i> ..	\$ 429 23	\$2 600 90	\$ 2 161 67

While the inventory of office supplies at purchase price is in close agreement with the respective control account, the control account of overhead incurred in connection with these supplies is in excess of the overhead contained in the physical inventory. A slight increase in the rate of overhead charged to departments in connection with office supplies furnished will bring the control of overhead into agreement with the detail stores inventory.

The departmental accounts of Work in Process have been examined in detail and have been found to be in agreement with the controlling account in the general ledger.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the reports of the Registrar and the files of the various operating departments.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of April 9, May 9, June 3, and June 19, 1930, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit, have

been checked into the books of account. A similar examination has been made of the minutes of previous meetings held during the current and the preceding year with respect to items that had not been consummated at the time of previous audits.

The records of the Purchasing Division have been examined and a number of the larger purchase orders issued has been compared with relative bids and quotations. Contracts and bids on file in the office of the Supervising Architect have been checked against reports made to the Board of Trustees as shown in the minutes of the meetings of the Board.

We hereby certify that so far as we have been able to ascertain by an extended detail examination:

All income which the University should have received during the quarter ended June 30, 1930, has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at June 30, 1930, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The Report of the Comptroller to the Board of Trustees for the quarter ended June 30, 1930, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The Financial Report of the Comptroller to the Governor of the State of Illinois, for the period beginning July 1, 1929, and ending June 30, 1930, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & Co.

*AUDIT FOR YEAR ENDING JUNE 30, 1930*

August 18, 1930

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRS:

We have audited the accounts of the University of Illinois for the year ended June 30, 1930, and we hereby certify that, so far as we have been able to ascertain by an extended detail examination:

All Income which the University should have received during the year has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books as at June 30, 1930, are correct in amount and have been verified by actual inspection, count or direct confirmation from the depositories.

The Annual Report of the Comptroller to the Board of Trustees as at June 30, 1930, as submitted to us, showing the Balance Sheet and detailed accounts as at that date, together with Statements of Operation for the year ended June 30, 1930, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & Co.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

(31) A report that the following gifts have been received since the last report was made to the Board:

1. From the City of Galesburg a British arc generator, manufactured in 1902, the original cost being about \$1,500. While it has no value as an operating piece of equipment now, its museum or historical value is great.

2. From the Illinois Gas Association, \$120 to supplement their gift of \$1,200 to pay the salaries of two research graduate assistants in a cooperative investigation. The additional sum was to pay for the services of one assistant during July and August, his regular appointment having expired on June 30, 1930.

3. From the Chicago Century of Progress Committee, \$1,000 for field work in Illinois archaeology.

4. From the Smithsonian Institution, \$1,000 as a contribution toward the University's archaeological explorations.

5. From Mr. Julian P. Lippincott of Berkeley, California, two original letters written by Samuel Adams to Jonathan Turner in 1852, together with photographs of Mr. and Mrs. Turner.

6. From the Western Brick Company of Danville, \$1,000 for a continuation of the cooperative investigation of concrete made with light aggregate, which this company has been financing.

7. From the Standard Oil Company (Indiana), \$1,200 for a continuation of the research work on the nature of detonation in internal combustion engines.

8. From the American Concrete Institution, \$1,500 for the investigation of reinforced concrete columns. The original gift, accepted by the Board on February 5, 1930 (page 509), calls for the payment of \$5,000 in cash and materials, and the present remittance will increase it to \$5,500 cash.

This report was received for record.

#### INAUGURATION OF PRESIDENT CHASE

On motion of Mr. Blair, the President of the Board was requested to appoint a special committee of five members of the Board to represent the Board in connection with the inauguration of President Chase.

#### REPORT OF THE BUILDINGS AND GROUNDS COMMITTEE

Mr. Armstrong presented the following report of the Buildings and Grounds Committee, to whom was referred the question of certain property rights along the street known as Maple Avenue.

Your committee held a meeting beginning at ten o'clock in the morning of September 16, 1930, there being present Chairman James W. Armstrong, Dr. W. L. Noble, also Professor James M. White, Mr. W. T. Fisher, and Mr. R. E. Winkleman, City Attorney of the City of Urbana. The problems involved were given as much consideration as the time would permit and we are now pleased to report as follows:

The committee reports with reference to the street known as Maple Avenue, extending from Lincoln Avenue on the east and Fourth Street on the west, that after making a thorough investigation of the records, it is convinced that there is no evidence of the dedication of this strip of land for use as a public highway.

We recommend that the Legal Counsel of the University take such immediate steps as he shall find necessary to protect the interests of the University in its claims arising out of the filing of the plat of the Gallivan Addition to the City of Urbana in so far as said Addition encroaches upon University property. We also recommend that the Legal Counsel of the University take such steps, employing such engineering service as may be deemed necessary, to definitely establish the property lines in controversy.

J. W. ARMSTRONG  
W. L. NOBLE  
MERLE J. TREES

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

#### INVESTMENT OF TRUST FUNDS

Mr. Trees, for the Finance Committee, presented a recommendation that \$2,200 of uninvested trust funds be invested in—

Wisconsin-Minnesota Light and Power Company, First and Refunding 5s, due 1944, price 102 and interest, yielding 4.78 per cent.

Utah Power and Light Company, 5s, due 1944, priced at the market, about 102 and interest, yielding about 4.77 per cent.

On motion of Mr. Trees, the Treasurer was authorized to invest this fund in either (or both) of these securities.

**EQUIPMENT FOR MCKINLEY HOSPITAL**

Dr. Noble presented the following report:

*To the Board of Trustees, University of Illinois:*

At the regular meeting on June 19 you referred to President Chase and to myself, with power, recommendations for the purchase of equipment for the McKinley University Hospital.

The improvements recommended fall naturally into three classes: (1) building maintenance and repairs; (2) replacements of equipment both for service and medical uses; (3) the purchase of new equipment for treatment and diagnosis.

President Chase, Professor White, and I met at the hospital on August 16. The Supervising Architect was instructed to proceed with the necessary building maintenance work charging same to the University appropriation for building maintenance.

The items in the second group were very generally approved and I later approved requisitions for materials estimated to cost \$2,384.00.

It seems advisable to equip the hospital with

One Nitrous Oxide Ethelyne gas machine.....	\$350 00
One Sanborn Metabolism Outfit.....	160 00
One Vertical and Horizontal Fluoroscopic Table.....	900 00
Filing Cabinets for records including X-ray films.....	

W. L. NOBLE

On motion of Dr. Noble, this report was adopted, and the purchase of additional equipment to cost \$1,410 was authorized as recommended.

**PARK SYSTEM AT MEDICAL CENTER**

Dr. Noble presented the following letter:

September 11, 1930

*Hon. W. L. Noble, Chairman,  
Committee of the Chicago Dept.,  
University of Illinois,  
31 N. State Street,  
Chicago, Illinois*

DEAR DR. NOBLE:

We are addressing you relative to the development of the Medical Area in the vicinity of the Cook County Hospital in the City of Chicago, in which development the Chicago West Town Chamber of Commerce is vitally interested.

By the proposed creation of an attractive medical center with small parks in which convalescents may gather, noise of traffic being avoided, and a restful atmosphere induced, all will be benefited.

According to our records there are six hospitals in this zone with approximately 4,500 beds. Nurses Training Schools have an enrollment of about 700. There are three Medical Colleges, two Dental Colleges, and the School of Pharmacy, these enroll about 2,500 Students and 700 Faculty Members. A Y.M.C.A. West Side Professional Department has recently been erected at a cost exceeding one million dollars.

These units are located contiguous to a district where poverty prevails and where neither parks nor recreation spots exist.

It is our purpose to promote by all possible means, improvements benefiting the sick, supplementing the efforts of medical staffs and transforming the medical center into an area which the West Division may view with satisfaction.

Institutions, and outstanding individuals operating professionally in the district, are signifying approval of the project of this Chamber by application for membership, which definitely includes them in our effort.

May we ask for your support?

Sincerely yours,

**CHICAGO WEST TOWN  
CHAMBER OF COMMERCE**

H. J. RUGGLES,  
*Manager*

On motion of Mr. Blair, this matter was referred to the Committee on Chicago Departments for investigation as to the practicability of the plan.

#### TREASURER'S REPORT

Mr. Trees, for the Finance Committee, presented a recommendation that the Treasurer's report for the year ended June 30, 1930 (see page 43), be approved.

On motion of Mr. Trees, this report was approved.

#### DATE OF OCTOBER MEETING

It was voted to hold the October meeting on Friday, October 17, 1930, at 10 o'clock a.m., in Urbana.

#### FINANCIAL ORGANIZATION

On motion of Mr. Fisher, the Finance Committee was requested to make a study of the financial organization of the University, and to report any recommendations thereon that it may desire to make.

#### DEGREES CONFERRED IN AUGUST, 1930

The Secretary presented for record the following list of degrees conferred at the end of the Summer Session, in August, 1930.

#### GRADUATE SCHOOL

##### Degree of Master of Arts

In Chemistry

HAROLD ARTHUR RENDLEMAN, A.B., Carthage College, 1929

In Education

WILLIAM KIRTLEY ATKINSON, A.B., San Diego State College, 1929

OLIVER GERALD BOE, A.B., Luther College, 1926

WILBUR IRA GOOCH, A.B., 1919

BELVIA GREEN, B.Ed., Eastern Illinois State Teachers' College, 1929

HENRY ROY HARMS, A.B., North Central College, 1924

WILLIAM ERNEST JONES, A.B., North Central College, 1922

CLIFFORD WINFIELD RICE, Ph.B., University of Chicago, 1923

In English

JESSE RAYMOND HURLEY, A.B., 1929

SISTER MARY ROSE O'DONNELL, A.B., Trinity College, 1913

In History

ROBERT LEWIS BAUGH, A.B., Hendrix College, 1928

VICTOR HERBERT SHEPPARD, A.B., Illinois College, 1922

In Library Science

WILLIAM FREDERICK OTTO BAEHR, Graduate, Concordia Seminary, 1924, B.S., 1927

EDNA MAE BROWN, B.S., Purdue University, 1926, B.S., 1928

MARY DELIA TAYLOR, A.B., Grinnell College, 1904, B.S., 1928

In Mathematics

RUTH ELIZABETH HENNING, A.B., Huron College, 1917

LOUISE ISABELLE MCCOY, A.B., Monmouth College, 1924

PHILIP LEWIS REA, A.B., Oberlin College, 1920, A.M., Marietta College, 1923

In Political Science

WEI FAN TSAI, A.B., University of Nanking, 1923

## In Psychology

FREDERIC DUNHAM BALL, A.B., 1920

## In Romance Languages

MILDRED MADONNA KEMP, B.S., 1929

FRANCES LAURINE WEBBER, B.S., 1929

## In Sociology

LAWRENCE HALPENNY, A.B., 1926

## In Zoology

SELMA MARIE OLSON, A.B., 1926

## Degree of Master of Science

## In Accountancy

GEORGE EDWARD BAGGS, A.B., Colorado College, 1928

JOSEPH CERNY, B.S., University of Kansas, 1929

## In Agronomy

ERIC WINTERS, JR., B.S., 1927

## In Botany

FLORENCE ELIZABETH OGDEN, B.S., 1928

## In Chemistry

HAZEL MARGUERITE CHILDS, B.S., Monmouth College, 1924

STANLEY MCAFEE JACKSON, B.S., University of Minnesota, 1929

HUBERT SCOTT LORING, A.B., Pomona College, 1929

RETA LOUDERMILK, B.S., Oregon State Agricultural College, 1929

HARLAN WILLIS NELSON, B.S., University of North Dakota, 1929

DONALD TARVIN, B.Ed., Illinois State Normal University, 1928

FREDERICK DONALD TUEMMLER, B.S., Shurtleff College, 1929

## In Education

DEAN McLEOD EWING, B.S., 1922

SAMANTHA GERTRUDE HENDRIX, A.B., DePauw University, 1926

HARRY HUGH JARMAN, B.S., Missouri State Teachers' College, 1920

EDSON CHARLES STRANGE, B.S., 1927

## In Mathematics

ADA FLORENCE KLUMP, B.S., 1924

WILBUR LEE OGDEN, B.S., Mt. Morris College, 1925

## In Zoology

OTTO ERICH KUGLER, B.S., Elmhurst College, 1929

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

## In Education

RALPH HENRY ABBAS

MARY GEORGIA BLAEUER

GEORGE DURRILL BRONSON

KENNETH SERENUS CHRISTENSEN

CECIL VERNON CREATH

AURA DORETTA DUGGAN

CHARLES FRANCIS FAHRNKOPF

RALPH EUGENE FROHARDT

SAMUEL WHITNEL GILLESPIE

NANCY LYND HOBLIT

BESSIE LANDRAM

RUTH ILEEN MOYE

HERMAN ROBERT RAHN

CLARA SAMANTHA RODEBAUGH, with

High Honors in Mathematics

FRANCES CAVINS SELLARS

KENNARD BURDETT SEYLLER

HELEN ISOBEL STAFF

FRANCES RICHARDS SUMMERS

MARIETTA KATHRINE WEED

## In Agricultural Education

WARREN HARLEY TRIMBLE

## COLLEGE OF LAW

## Degree of Bachelor of Laws

EDWARD ELWYN BELSHAW  
 GERALD GLASSMAN BOLOTIN  
 SHERMAN ISADORE DEUTCH  
 LESTER NEAL ELLIS  
 ISADORE FISHMAN

CHARLES CARROLL McANDREWS  
 ARTHUR NEDWED  
 HAROLD ROSS NETTLES  
 CLAUDE DeVORE VAUGHN  
 RAY EARL WESNER

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

## In Liberal Arts and Sciences

ANNA LOIS BOTTENFIELD  
 LEONA BURMEISTER  
 EDITH FRANCES CLEM  
 ALBERT CARL FAUTH, with Honors in  
 Chemistry  
 LILLA MAE FULTON  
 HAROLD E. KUTTNER, with Honors in  
 English

LILLIAN IRENE RALPH  
 ALBERTA CELIA WARLEY  
 MARY MARJORIE WILSON  
 ALYCE LOUISE WINCHELL  
 URYTH MARGARET WINCHELL  
 EUNICE FLORENCE YOST

## In Home Economics

AGNES LILLIAN SAWBY

## Degree of Bachelor of Science

## In Liberal Arts and Sciences

FRED TURNER EASTMAN

DOROTHY KENDALL

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

## In Accountancy

GAZE ELMER LUKAS, with Honors

## In Banking and Finance

CHESTER FRANCES FARROW  
 OREN WESLEY HARTER

## In Commerce and Law

GUSTAVE BERNARD EHNBORN

## In General Business

FREDERICK CLIFFORD FOOTIT  
 ROBERT CHARLES MACLAGGAN  
 WILLIAM BURGET POWERS

DOROTHY GRACE RANDALL  
 JACK LESLIE SHUMATE  
 AMADO MENDOZA WENCESLAO

## In Industrial Administration

DONALD BRUCE MITCHELL

## LIBRARY SCHOOL

## Degree of Bachelor of Science in Library Science

HELEN CATHARINE CLEARS, with Honors  
 HARRIETTE ELIZABETH MACFADDEN  
 MARY LOUISE PEARSON

CAROLINE ALICE ROBERTS  
 RUTH VALLETTE THOMAS

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## In Home Economics

ETHEL GLECKLER  
 LOIS HUBBARD

### APPOINTMENTS MADE BY THE PRESIDENT

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

Abbas, Ralph H., Assistant in Romance Languages, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (August 13, 1930)<sup>1</sup>

Alcorn, Marshall Wells, Assistant and Second Junior Resident in Surgery, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (August 2, 1930)

Allen, C. L., Assistant Professor of Journalism, for one year beginning September 1, 1930, at a cash compensation of three thousand five hundred dollars (\$3500). (July 31, 1930)

Angus, Winfield Scott, Teacher of Physical Education in the University High School, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of eight hundred dollars (\$800). (September 4, 1930)

Babbitt, H. E., Professor of Sanitary Engineering, beginning September 1, 1930, on indefinite tenure, at a cash compensation of five thousand dollars (\$5000) a year (this supersedes his previous appointment). (July 31, 1930)

Baker, C. E., Research Assistant in the Department of Horticulture, in the College of Agriculture, for eight months beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000). (August 14, 1930)

Baker, Marian E., Fellow in History, for ten months beginning September 1, 1930, at a stipendium of four hundred dollars (\$400). (August 8, 1930)

Behrensmeyer, Charles, Assistant in Architecture, for ten months beginning September 1, 1930, at a cash compensation of one thousand five hundred dollars (\$1500). (August 9, 1930)

Black, Lulu S., Temporary County Home Adviser, in Home Economics Extension, in the College of Agriculture, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred sixteen dollars and sixty-six cents (\$216.66) a month. (August 5, 1930)

Boonstra, Frank M., First Junior Resident in Surgery, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of eight hundred dollars (\$800). (August 2, 1930)

Bowman, Hertha, Stenographer in the College of Engineering, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand one hundred forty dollars (\$1140). (August 29, 1930)

Bray, Willis, Instructor in Prosthetic Dentistry, eighteen hours each week, for one year beginning September 1, 1930, at a cash compensation at the rate of eighty-three dollars and thirty-three cents (\$83.33) a month. (July 24, 1930)

Brennan, Mary E., Chief Clerk in the Office of the Supervising Architect, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of two thousand one hundred dollars (\$2100) (this supersedes her previous appointment). (July 29, 1930)

Briney, Elsie May, Stenographer in the College of Engineering, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 9, 1930)

Brock, F. H., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (August 22, 1930)

Broderick, Edwin Laurence, Research Assistant in Mechanical Engineering, in the Engineering Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (July 31, 1930)

Brody, Bernard Benjamin, Assistant in Pharmacy, for ten months beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (August 27, 1930)

Brown, Emmet M., Assistant in Hygiene, and Medical Adviser for Men, for one year beginning September 1, 1930, at a cash compensation of three thousand dollars (\$3000). (August 22, 1930)

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

Brown, Ferne, Stenographer and Record Clerk in the Office of the Dean of the College of Commerce and Business Administration, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (September 12, 1930)

Buckman, Charles Mathew, Instructor in Operative Dentistry, on one-half time, for one year beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000). (August 5, 1930)

Butz, L. W., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation of three hundred fifty dollars (\$350) (this supersedes his previous appointment). (August 22, 1930)

Clark, G. L., Professor of Chemistry, beginning September 1, 1930, on indefinite tenure, at a cash compensation of seven thousand dollars (\$7000) a year (this supersedes his previous appointment). (July 22, 1930)

Clark, Rebecca Isabelle, Assistant in Clinical Pathology, in the Hospital Laboratory, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of one thousand six hundred fifty dollars (\$1650). (August 14, 1930)

Clements, Thelma Faye, Clerk in the Periodical Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand one hundred dollars (\$1100). (September 5, 1930)

Compton, Richard K., Assistant in Psychology, on two-thirds time, for ten months beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000). (August 14, 1930)

Cooperstock, Moses, Associate in Pediatrics, in the College of Medicine, for five months beginning September 1, 1930, at a cash compensation at the rate of two hundred thirty-three and one-third dollars ( $\$233\frac{1}{3}$ ) a month. (July 24, 1930)

Craig, H. W., Assistant in Physical Education, for ten months beginning September 1, 1930, at a cash compensation of one thousand one hundred dollars (\$1100), in addition to seven hundred dollars (\$700) paid by the Athletic Association, for which the University assumes no responsibility (this supersedes his previous appointment). (July 31, 1930)

Crosley, Ray, Special Research Assistant in Physiology and Physiological Chemistry, in the College of Medicine, beginning August 16, 1930, and continuing until February 15, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (August 14, 1930)

Dameier, Almyra Frances, Assistant in Botany, on two-thirds time, for ten months beginning September 1, 1930, at a cash compensation of nine hundred fifty dollars (\$950). (September 16, 1930)

Dameier, Almyra Frances, Assistant in Geography, in the Department of Geology, on one-third time, for ten months beginning September 1, 1930, at a cash compensation of four hundred fifty dollars (\$450) (this is in addition to her appointment in Botany). (September 16, 1930)

Deam, Arthur F., Professor of Architecture, for one year beginning September 1, 1930, at a cash compensation of six thousand dollars (\$6000). (August 9, 1930)

Dieckmann, Johanna Mary, Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for one year beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (September 8, 1930)

Dieterle, Donald Lyle, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 12, 1930)

Dykens, F. A., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 15, 1930, at a cash compensation of seven hundred fifty dollars (\$750). (August 22, 1930)

Dyson, Agness, Clerk and Stenographer in the Department of Chemistry, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (August 25, 1930)

Esau, Jacob Nick, Instructor in Physiology, in the College of Medicine, on three-fourths time, for eight months beginning October 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 15, 1930)

Fellows, Julian Robert, Instructor in Mechanical Engineering, for ten months beginning September 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (July 29, 1930)

Firth, John O., Animal Keeper in the Animal Hospital, in the College of Medicine, on one-half time, for one year beginning September 1, 1930, at a cash compensation of four hundred eighty dollars (\$480). (September 16, 1930)

Fisher, C. Virginia, Research Fellow in Bacteriology, in the College of Medicine, for one year beginning August 15, 1930, at a cash compensation of eighteen hundred dollars (\$1800) (this supersedes her previous appointment). (August 13, 1930)

Fisher, Catherine V., Assistant in Bacteriology, in the College of Medicine, for one year beginning September 1, 1930, without salary (this is in addition to her present position as Research Fellow in Bacteriology). (September 15, 1930)

Fitzgerald, Lloyd E., Assistant in Economics, for ten months beginning September 1, 1930, at a cash compensation of one thousand four hundred dollars (\$1400). (September 16, 1930)

Gershon, Solomon, Assistant in Chemistry, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (September 4, 1930)

Goebel, Max Theodore John, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 29, 1930)

Goldberg, Benjamin, Associate Professor of Medicine (Tuberculosis), in the Department of Internal Medicine, in the College of Medicine, for one year beginning September 1, 1930, without salary. (July 29, 1930)

Goodwine, Gleyn, Office Manager in the Alumni Records Office, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of two thousand six hundred fifty dollars (\$2650) (this supersedes his previous appointment). (August 16, 1930)

Grant, Isabelle F., Assistant in the Order Department of the Library, on one-half time, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of eight hundred dollars (\$800). (August 29, 1930)

Hafer, Theodore H., District Junior Club Leader, in the Agricultural Extension Service, in the College of Agriculture, for one year beginning September 1, 1930, at a cash compensation of three thousand one hundred dollars (\$3100), which includes seven hundred dollars (\$700) for auto expense at five cents per mile actually traveled (this supersedes his previous appointment). (August 15, 1930)

Hamlin, Ina M., Assistant in the Bureau of Business Research, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (August 14, 1930)

Harris, Charles O., Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (August 6, 1930)

Hawkins, Clarence Arthur, Assistant in Zoology, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 17, 1930)

Heitman, John R., Assistant in Journalism, for ten months beginning September 1, 1930, at a cash compensation of one thousand nine hundred dollars (\$1900). (August 5, 1930)

Helbing, Albert T., Associate in Economics, for one year beginning September 1, 1930, at a cash compensation of two thousand seven hundred fifty dollars (\$2750). (August 1, 1930)

Hensley, Martha Louella, District Club Agent, in the Department of Home Economics, in the Agricultural Extension Service, for one year beginning September 1, 1930, at a cash compensation of three thousand one hundred dollars (\$3100), which includes seven hundred dollars (\$700) for auto expense at five cents per mile actually traveled (this supersedes her previous appointment). (August 25, 1930)

Hettwer, Rosa M., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (August 8, 1930)

Horsfall, Mrs. Robert B., Jr., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 29, 1930)

Hyland, Gertrude C., Stenographer and Clerk, in the Department of Gynecology and Obstetrics, in the College of Medicine, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (September 16, 1930)

Ireland, Inez Invaline, Research Assistant in Psychology, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (August 14, 1930)

Jaehne, Frederick W., Jr., Assistant in Violin, in the School of Music, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (September 15, 1930)

Jentson, Mrs. Leila M., Technician in the Department of Orthopedics, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of one thousand five hundred dollars (\$1500). (September 5, 1930)

Johnson, Albert Smith, Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (September 16, 1930)

Johnson, Clarence A., Lilly Research Fellow in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 4, 1930)

Johnson, Lillie M., Instructor in Home Economics, in the College of Agriculture, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800) (this supersedes her previous appointment). (August 11, 1930)

Kao, T. Y., Special Research Assistant in Chemistry, for one year beginning September 1, 1930, at a cash compensation of two thousand dollars (\$2000). (August 22, 1930)

Kelly, Samuel C., Assistant in Physics, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (August 6, 1930)

Kieffer, Dale C., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (August 14, 1930)

Kleiderer, E. C., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred fifty dollars (\$750). (August 22, 1930)

Lambert, C. N., Assistant and Senior Resident in Surgery, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000) (this supersedes his previous appointment). (August 2, 1930)

Lendrum, James T., Assistant in General Engineering Drawing, in the College of Engineering, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 27, 1930)

Lesicko, Mary Anna, Stenographer in the Registrar's Office, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (August 25, 1930)

Lewis, Clarissa Olivia, Cataloger in the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (August 6, 1930)

Lukas, Gaze E., Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (August 22, 1930)

McDaniels, Herbert E., Instructor in Bacteriology, in the College of Medicine, for one year beginning September 1, 1930, without salary. (September 8, 1930)

Mearns, Emily, Instructor in Physical Education for Women, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 4, 1930)

Mesick, Clarice L., Assistant in the Children's Clinic, in the College of Dentistry, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (July 31, 1930)

Meyer, Horace Irving, Instructor in Surgery, in the College of Medicine, on one-half time, for one year beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (September 15, 1930)

Michael, Viola M., Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1930, at a cash compensation of seven hundred eighty dollars (\$780) (this supersedes her previous appointment). (August 27, 1930)

Millard, Velda A., Stenographer in the Division of Agricultural Economics, in the Agricultural Experiment Station, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (September 3, 1930)

Miller, Edwin L., Assistant in Zoology, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 14, 1930)

Morrow, Margaret, Research Assistant in Classics, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (September 16, 1930)

Moulton, Helen J., Physiotherapist in the Department of Orthopedics, in the College of Medicine, beginning September 8, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 16, 1930)

Natzke, Helen E., Supervising Nurse in the Out Patient Department of Obstetrics, in the College of Medicine, for ten months beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 16, 1930)

Nelson, Josephine, Stenographer in the Department of Animal Husbandry, in the College of Agriculture, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred eighty dollars (\$1380). (August 7, 1930)

Newmark, Nathan, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (August 6, 1930)

Norton, Helen, Clerk in the Auditor's Office of the Business Office, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month (this supersedes her previous appointment). (September 16, 1930)

Orlovich, Robert Borgia, Assistant in English, on two-thirds time, for ten months beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000). (August 26, 1930)

Pace, Earle R., Assistant in Dermatology, in the College of Medicine, beginning September 15, 1930, and continuing until September 1, 1931, without salary. (September 12, 1930)

Palm, Bjorn, Visiting Professor of Plant Pathology, in the Department of Botany, for ten months beginning September 1, 1930, at a cash compensation at the rate of five hundred dollars (\$500) a month. (August 5, 1930)

Park, Orlando, Instructor in Zoology, for ten months beginning September 1, 1930, at a cash compensation of two thousand four hundred dollars (\$2400). (September 2, 1930)

Park, Sunshine, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1930, at a cash compensation of seven hundred twenty dollars (\$720). (August 27, 1930)

Parker, Joe Marion, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation of three hundred dollars (\$300). (September 16, 1930)

Patelski, Ray Arthur, Instructor in Chemistry, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation of two thousand dollars (\$2000). (August 27, 1930)

Pearlman, Benjamin, Assistant in Internal Medicine, in the College of Medicine, for one year beginning September 1, 1930, without salary. (August 13, 1930)

Peirce, Mary Eva, Assistant in English, on one-third time, for ten months beginning September 1, 1930, at a cash compensation of five hundred dollars (\$500). (September 5, 1930)

Pelzman, Louis, Physiotherapist in the Department of Orthopedic Surgery, in the College of Medicine, on one-half time, for one year beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (September 12, 1930)

Peters, Paul E., Special Research Assistant in Chemical Engineering, in the Engineering Experiment Station, beginning September 1, 1930, and continuing until further notice, at a cash compensation at the rate of two hundred thirty-three dollars and thirty-three cents (\$233.33) a month. (August 13, 1930)

Phillips, Pauline, Bookkeeper in the Auditor's Office of the Business Office, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month (this supersedes her previous appointment). (September 16, 1930)

Pillsbury, R. W., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (September 5, 1930)

Post, George Washington, Jr., Associate Professor of Surgery, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation at the rate of sixteen dollars (\$16) a month. (July 29, 1930)

Potter, J. S., Assistant in Plant Breeding, in the Department of Horticulture, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (August 22, 1930)

Randall, G. S., District Junior Club Leader, in the Agricultural Extension Service, in the College of Agriculture, for one year beginning September 1, 1930, at a cash compensation of three thousand dollars (\$3000), which includes seven hundred dollars (\$700) for auto expense at five cents per mile actually traveled (this supersedes his previous appointment). (August 15, 1930)

Rapp, Albert, Assistant in Classics, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 11, 1930)

Ross, Robert Cooke, Extension Specialist in Agricultural Economics (with rank of Assistant Professor) in the Division of Smith-Lever Extension, in the Agricultural Extension Service, beginning September 15, 1930, and continuing until August 31, 1931, at a cash compensation at the rate of three hundred dollars (\$300) a month (this supersedes his previous appointment). (September 17, 1930)

Russell, Harry Gould, Assistant in Farm Organization and Management, in the College of Agriculture, on one-half time, for one year beginning September 1, 1930, at a cash compensation of seven hundred twenty dollars (\$720). (August 13, 1930)

Sanford, C. W., Assistant in Philosophy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 29, 1930)

Scheick, William Hunt, Instructor in Architecture, for ten months beginning September 1, 1930, at a cash compensation at the rate of two hundred eighty dollars (\$280) a month. (July 29, 1930)

Schilling, Clarence George, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000). (September 5, 1930)

Schochet, Sydney Sigfried, Assistant Professor of Obstetrics and Gynecology, in the College of Medicine, beginning September 15, 1930, and continuing until September 1, 1931, without salary. (September 15, 1930)

Schopf, James Morton, Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 31, 1930)

Schorr, Hyman Joseph, Assistant in Internal Medicine, in the College of Medicine, for one year beginning September 1, 1930, without salary. (August 13, 1930)

Sealock, R. R., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation of three hundred dollars (\$300). (September 12, 1930)

Shoad, A. C., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of one thousand dollars (\$1000). (September 12, 1930)

Shoot, Lyle F., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation of one thousand four hundred dollars (\$1400). (September 16, 1930)

Shoskey, Clement V., Instructor in Operative Dentistry, for one year beginning September 1, 1930, at a cash compensation of two thousand one hundred dollars (\$2100) (this supersedes his previous appointment). (August 5, 1930)

Shove, Raymond H., Assistant in the Order Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (August 29, 1930)

Singleton, Mildred Ella, Instructor in Library Economy, for ten months beginning September 1, 1930, at a cash compensation of two thousand dollars (\$2000). (August 14, 1930)

Small, Lucile, Stenographer in the College of Engineering, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (August 15, 1930)

Smith, H. A., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 15, 1930)

Smith, Mata, Teacher of English and Public Speaking, in the University High School, for ten months beginning September 1, 1930, at a cash compensation of one thousand six hundred dollars (\$1600). (August 8, 1930)

Sohl, William E., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month (this supersedes his previous appointment). (July 31, 1930)

Spitler, John Clyde, State Leader of Farm Advisers (with the rank of Assistant Professor), in Smith-Lever Extension, for eleven months beginning October 1, 1930, at a cash compensation at the rate of three hundred ninety-five dollars eighty-three and one-third cents (\$395.83 $\frac{1}{3}$ ) a month (this supersedes his previous appointment). (September 15, 1930)

Sporleder, Faye, Junior Stenographer in Animal Pathology, in the Department of Animal Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (September 3, 1930)

Springer, Clarence T., Assistant in Geography, in the Department of Geology, on one-third time, for ten months beginning September 1, 1930, at a cash compensation of four hundred fifty dollars (\$450). (August 6, 1930)

Steinman, Floyd H., Assistant and Resident in the Department of Orthopedic Surgery, in the College of Medicine, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (September 12, 1930)

Stevenson, Zona Gale, Assistant in the Loan Department of the Library, beginning September 8, 1930, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars and thirty-three cents (\$108.33) a month. (September 11, 1930)

Stith, Gertrude Ernestine, Assistant in Mathematics, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred fifty dollars (\$750). (September 16, 1930)

Stonecipher, Ross I., Technician in the Department of Bacteriology, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (September 11, 1930)

Stouffer, Ernest L., Assistant Supervising Architect, for one year beginning September 1, 1930, at a cash compensation of four thousand two hundred dollars (\$4200) (this supersedes his previous appointment). (September 5, 1930)

Strang, Jessie Anne, Teacher of Physical Education, in the University High School, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (September 12, 1930)

Stutzman, Dorles Camille, Assistant in English, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (July 29, 1930)

Swann, Sherlock, Jr., Research Associate in Chemical Engineering, in the Engineering Experiment Station, on three-fourths time, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred fifty-six dollars and twenty-five cents (\$156.25) a month (this supersedes his previous appointment). (July 29, 1930)

Swann, Sherlock, Jr., Associate in Chemistry, on one-fourth time, for one year beginning September 1, 1930, at a cash compensation at the rate of fifty-two dollars eight and one-third cents (\$52.08 $\frac{1}{3}$ ) a month (this is in addition to his appointment as Research Associate in Chemical Engineering). (July 29, 1930)

Sweet, John Elmo, Instructor in Architecture, for ten months beginning September 1, 1930, at a cash compensation of one thousand nine hundred dollars (\$1900). (August 9, 1930)

Tarnowsky, George de, Professor of Surgery, beginning September 1, 1930, on indefinite tenure, without salary. (July 29, 1930)

Tippy, Kenneth Clem, Instructor in Civil Engineering, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800) (this supersedes his previous appointment). (August 9, 1930)

Vanderpool, Eugene, Assistant in Classics, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (July 29, 1930)

Vopelius, Oswald, Research Assistant in the Division of Agricultural Economics, in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation of seven hundred twenty dollars (\$720). (August 29, 1930)

Wagner, Fredricka E., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (September 4, 1930)

Weddle, Lora, Stenographer and Clerk in the Department of Horticulture, in the College of Agriculture, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 25, 1930)

Wessmann, Carl, Technician in the Department of Otolaryngology, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation of one thousand five hundred dollars (\$1500). (September 3, 1930)

Wilkins, Tivis E., Assistant in Farm Organization and Management, in the Agriculture Experiment Station, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (August 6, 1930)

Williams, William, Laboratory Helper in the Department of Pharmacology and Therapeutics, in the College of Medicine, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (September 17, 1930)

Wills, John E., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation of one thousand seven hundred dollars (\$1700). (August 14, 1930)

Wills, John Elliott, Assistant in Farm Organization and Management, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation of one thousand seven hundred dollars (\$1700) (this supersedes his previous appointment). (September 15, 1930)

Woodroffe, Louise M., Instructor in Architecture, for ten months beginning September 1, 1930, at a cash compensation of two hundred thirty dollars (\$230) a month. (July 31, 1930)

Woodruff, Wilbur John, Mechanical Engineer, for ten months beginning September 1, 1930, at a cash compensation at the rate of three hundred twenty-five dollars (\$325) a month. (September 17, 1930)

Wright, Leslie, Assistant in Farm Organization and Management, in the College of Agriculture, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred thirty-three dollars and thirty-three cents (\$133.33) a month. (August 2, 1930)

Zilly, Marie Louise, Teacher of Art and Design, in the University High School, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of seven hundred dollars (\$700). (September 12, 1930)

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

GEORGE A. BARR

*President*

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

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**October 17, 1930**



The October meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Friday, October 17, 1930. The following members were present: President Barr, Mr. Armstrong, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of September 17, 1930.

On motion of Dr. Noble, the minutes were approved as printed on pages 53 to 87 above.

**STANDING COMMITTEES**

President Barr announced the revised list of standing committees as follows:

*Buildings and Grounds*—JAMES W. ARMSTRONG, Chairman, WILLIAM L. NOBLE, HELEN M. GRIGSBY, FRANK H. SIMPSON, MERLE J. TREES.

*Finance*—MERLE J. TREES, Chairman, WALTER T. FISHER, FRANK H. SIMPSON.

*Engineering*—FRANK H. SIMPSON, Chairman, WILLIAM L. NOBLE, MERLE J. TREES.

*Patents*—WALTER T. FISHER, Chairman, JAMES W. ARMSTRONG, WILLIAM L. NOBLE.

*Agriculture*—FRANK H. SIMPSON, Chairman, HELEN M. GRIGSBY, LAURA B. EVANS.

*Chicago Departments*—WILLIAM L. NOBLE, Chairman, WALTER T. FISHER, MARGARET D. BLAKE.

*Student Welfare*—LAURA B. EVANS, Chairman, JAMES W. ARMSTRONG, MARGARET D. BLAKE.

*Instruction*—HELEN M. GRIGSBY, Chairman, WALTER T. FISHER, FRANCIS G. BLAIR.

*Library*—WALTER T. FISHER, Chairman, WILLIAM L. NOBLE, HELEN M. GRIGSBY.

*Alumni*—JAMES W. ARMSTRONG, Chairman, LAURA B. EVANS, MERLE J. TREES.

*Physical Education*—MERLE J. TREES, Chairman, LAURA B. EVANS, FRANK H. SIMPSON.

**COMMITTEE ON LANDSCAPING**

President Barr announced also the appointment of the special committee on landscaping: Mrs. Blake, Chairman, Mr. Fisher, Mr. Simpson.

**COMMITTEE ON INAUGURATION OF PRESIDENT CHASE**

President Barr reported the appointment of the special committee on the inauguration of President Chase: Mr. Trees, Chairman, Mr. Armstrong, Mrs. Blake, Mrs. Grigsby, Dr. Noble.

**COMMITTEE ON COMMITTEE ORGANIZATION**

On motion of Mr. Trees, the President of the Board was requested to appoint a special committee to study the organization of the standing committees of the Board, and to report to the Board. President Barr appointed Mr. Armstrong, Chairman, Dr. Noble, and Mr. Trees to serve on this committee.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**ADJUSTMENTS IN THE BUDGET FOR 1930-31**

(1) The following changes and adjustments have been made in the Budget for 1930-31 in accordance with the authority given the President to make such adjustments:

1. Promotion of Dr. Burne O. Sippy of the College of Dentistry from Associate Professor of Orthodontia to Professor of Orthodontia without change in tenure or salary.

2. Provision for an additional assistant in the Department of Architecture at a salary of \$1700 on account of the increased enrollment in architectural design.

3. The addition of \$1525 to the Department of Obstetrics and Gynecology for the expenses of the out-patient lying-in service established in connection with the Research and Educational Hospital by authority of the Board (Minutes, June 3, 1930, page 600).

4. The addition of \$500 to the Dispensary for supplies and materials for the new out-patient lying-in service.

5. The addition of \$320 to the budget of the School of Music for the appointment of an additional one-half time instructor in theory and piano necessitated by the increase in the enrollment in that department.

This report was received for record.

**APPROPRIATION FOR COMMISSION ON MEDICAL EDUCATION**

(2) The Dean of the College of Medicine recommends that the University make another contribution of \$200 a year for five years beginning with the year 1930-31 to the Commission on Medical Education of the Association of American Medical Colleges. This is a continuation of a similar contribution made each year from 1925 to 1930.

I concur in this recommendation and recommend further that an appropriation of \$200 be made from the Reserve and Contingent Fund of the College of Medicine for this year's contribution. If the project is approved, provision for future contributions will be made in the annual budgets of the College of Medicine.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**APPROPRIATION FOR SERVICES OF DIRECTOR OF FIREMEN'S SHORT COURSE**

(3) A recommendation, on request of the Assistant Dean of the College of Engineering, that an appropriation of \$100 be made from the Reserve and Contingent Fund for the payment of the honorarium of Professor C. E. Palmer, as Director of the Sixth Annual Short Course in Fire Prevention, Control, and Extinguishment, held at the University from June 17 to 20, 1930.

On motion of Mr. Armstrong, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**OCTOBER DEGREES**

(4) A request for authority to confer degrees on candidates recommended by the University Senate at its meeting on October 6, 1930:

**GRADUATE SCHOOL****Degree of Master of Arts**

## In Accountancy

ESSEL RAY DILLAVOU, A.B., 1915, J.D., 1917

## In Classics

EVELYN MARIE DAVIS, B.S., 1925

## In Education

MARVIN C. BERGWALL, A.B., Augustana College, 1924

CLIFFORD SPRINGFIELD BLACKBURN, B.S., University of Arkansas, 1925

LOIS BUSBY, A.B., 1925

ERNEST N. COX, A.B., Franklin College, 1908

THOMAS ALBAN EDWARDS, A.B., James Millikin University, 1924

CLARENCE HOBART ENGLE, B.Ed., Western Illinois State Teachers College, 1926

BYRON EMMETT FRAME, B.S., Muskingum College, 1914

ROWENA UIMU GALBRAITH, B.S., 1924

GEORGE RUSSELL HAMILTON, A.B., Hanover College, 1915

LLOYD LESTER HARGIS, B.S., 1924

EDWARD GEORGE HEXTER, A.B., McKendree College, 1916

CHARLES AUSTIN HORNBACK, B.Ed., Illinois State Normal University, 1924

JAY EARLE HULET, A.B., Greenville College, 1922

ALFRED ERLAN KRUMSIEK, A.B., 1926

EDMUND URBAN McDONALD, A.B., James Millikin University, 1915

DWIGHT DEDERICH MILLER, A.B., Wabash College, 1924

ROBERT REES MORRISON, B.S., 1924

## In English

MARY MARTHA BROWN, B.Ed., Southern Illinois State Normal University, 1927  
 ROBERT ROBB, A.B., 1929  
 FRANCES LOUISE SHEPPARD, A.B., Illinois Woman's College, 1926  
 HELEN ANNA SHUMAN, B.Ed., Illinois State Normal University, 1921

## In German

HERBERT JOHN GAUERKE, A.B., Capital University, 1928

## In History

DAVID WESLEY FIELDS, A.B., 1922  
 LYDIA MORENE GROSHONG, A.B., Washington University, 1925  
 ANDREW STOKES JACKSON, A.B., 1923  
 MERRILL WILLIAM LEE, B.Ed., Illinois State Normal University, 1925

## In Library Science

SISTER MARY AURELIUS BRENNAN, B.V.M., A.B., Mount Saint Joseph College,  
 1926, B.S., 1929  
 ALLEN DITMARS WILSON, A.B., University of Kansas, 1919, B.S., 1929

## In Mathematics

RUTH MARJORIE WEBBER, B.S., 1922

## In Physics

WENDELL HINKLE FURRY, A.B., DePauw University, 1928

## In Political Science

T. YOUNG HUANG, A.B., Soochow University, 1929

## In Romance Languages

ALTHEA ELIZABETH CURRIE, A.B., 1918

## In Sociology

WILLIAM ALEXIS BAKER, A.B., James Millikin University, 1924  
 SYDNEY WILLETT SPALDING, A.B., Eureka College, 1927

## In Zoology

JOHN MAXIM MOULTON, A.B., Bates College, 1928

## Degree of Master of Science

## In Animal Husbandry

WILFRED B. YOUNG, B.S., Purdue University, 1925

## In Architecture

WILLIAM GORDON GARRETSON, B.S., 1929

## In Chemistry

WARREN COTTON ASHLEY, B.S., 1929  
 ALVIN ACKERMAN BURTON, B.S., Oregon State College, 1929  
 EARL WILLIAM GLUESENKAMP, B.S., Butler University, 1928  
 MILFORD RHODES LEHMAN, A.B., University of California, 1928  
 OTTO THOMAS LORENZ, B.S., 1929

## In Dairy Husbandry

FORREST AUGUSTUS STEWART, B.S., 1925  
 STEWART LAWRENCE TUCKEY, B.S., 1928

## In Economics

SHISON CHINGLIN LEE, A.B., University of Nanking, 1926  
 GEORGE MERRITT WRAY, B.S., 1929

## In Education

LAWRENCE RUSSELL ADAMS, A.B., 1925  
 GUY ALVIN DAVIES, B.S., 1926  
 CLARE R. DAVIS, B.S., 1922  
 JAMES HAROLD FRANCIS, B.S., Knox College, 1917  
 OLIVER WALLIS HOWELL, B.S., 1923  
 HOLLIS PHILIP LEIGHLY, B.S., 1927  
 HUBERT CALVIN MOOR, B.S., 1923  
 JOHN CAMPBELL READEY, B.S.A., University of Toronto, 1904  
 THOMAS ALBERT REYNOLDS, B.Ed., Western Illinois State Teachers College, 1925  
 LOUISE ERCHEL SADLER, B.S., 1927

## In Farm Organization and Management

GEORGE BOYD BYERS, B.S., 1928  
 LAWRENCE ADKINS REUSS, B.S., 1929

## In Mathematics

CLARENCE NATHAN FUQUA, B.S., 1924

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

## In Liberal Arts and Sciences

KARL WILLIAM ANDERSON	WILLIAM FORRESTER MALEY
VERNA OLIVE ANDREWS	FRANCES BYRD MARKL
JAMES WILBUR BIRD	LEE JAMES PEARCE
ARMEN RALPH BLANKE, with Honors in Public Speaking	SAMUEL ARTHUR PURVES
FREDERICK ARTHUR BLAYNEY	SARAH MATHER REID
GLEN WESTGATE BROCK	BERNICE MARGARET SAXON
EUGENE NATHANIEL BURDETTE	SIDNEY LEONARD SEGALL
LYNN JUSTUS CARREL	SYLVIA DANA SHARWELL
GERTRUDE ALYCE CHULOCK, with Honors in French	ROBERT LOUIS SHOEMAKER
HERMAN ROI GORDON	FRED WILLIAM SIEGEL
ARNE WILLIAM GRENMAN	SISTER GREGORY MARQUARDT
ARVEL FREDERICK HACKE	DONALD SACKETT SMITH
WILLIAM HOYT HOLDEN	VIRGINIA ANDERSON SMITH
THERESA ANNA HOLTSCHLAG	GERTRUDE MARIE SNOWHILL
PHYLLIS ELEANOR HOOD	FRANCES JANE JO THOMPSON
EDWIN JOHN KUESTER	TURNER HENDERSON TRIMBLE
LESLIE LINDSLEY	HARRY ALLEN WARREN
EDWIN LESTER MACVEIGH	MARGARET JOANNE WHITELAW
	EDWIN JACOB ZIEGLER

## Degree of Bachelor of Science

## In Liberal Arts and Sciences

ALBERT SIDNEY JOHNSTON MOORE, JR. MAUDE IRENE ROSS

## In Chemistry

JOHN LESTER GABBY FRANK ALBERT KARNATZ, with Honors

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

## In Accountancy

GEORGE LOUIS DUWE JAMES PETER ECONOMOS

## In General Business

ROBERT HOLDEN BRANTLEY  
 MARY ELIZABETH CLARK  
 WALTER HERBERT ETZBACH  
 HERBERT PAUL HALLSTEEN  
 KATHERINE IRMA KREBAUM  
 THOMAS STRAIN MILLER

PERRY OLIVER MOORE  
 GLENN HAROLD PONTIUS  
 WILLIAM HENRY SHAPPERT  
 GEORGE SKRELUNAS  
 KEITH HAWS SMITH  
 HERMAN JOSEPH ZIFFREN

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

## In Education

LUCILLE ABRAMO  
 ANTON FRANK ANTONIDES  
 LYLE EMANUEL BAKER  
 DORIS AILEEN BOBBITT  
 GLEN DEWHERST BOUSEMAN  
 ADALINE BUSHEE  
 MARY ELLEN CALLAHAN  
 NELLE CARROLL  
 LAWRENCE ALOYSIOUS CIRHAN  
 WILLIAM ROBERT CORY, JR.  
 LEON OCTAVE DALBECK  
 HUREM E. DERMENT  
 GEORGE RAYMOND DINSMORE  
 LAWRENCE EDGAR EATON  
 EILEEN AGNES GRAHAM  
 AMY MARIE GUSTAFSON  
 ELSIE A. HOENIG  
 LUCILLE AUDINE JONES

ROY LEEVY  
 BETH MORGAN  
 BENIGNO DE VEYRA ORENCIA  
 ROGER DAVID POTTER  
 CONRAD CARL REIBOLD  
 HAROLD ARTHUR RENWICK  
 ANGELA ROQUE SANTOS  
 ETHEL SYLVIA SEGERMAN  
 HARLEY H. SEYMOUR  
 EMILY LOUISE STOEHR  
 LORETTA CATHERINE STURDYVIN  
 HAROLD TAFT  
 BLANCHE MARY TOBIN  
 RUTH PRICER WARREN  
 DOROTHY ANNETTE WEEKS  
 MARY WESTPHEALINGER  
 STELLA YACKLE

## In Industrial Education

LESLIE DENZIL SMITH

## In Music Education

CHARLES ALBERT HANDLEY

FRED MARTIN VIEROW

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

## In Architectural Engineering

SAM SAGOTSKY

## In Civil Engineering

ROBERT F. ENGEL  
 SAMUEL McCUNE

WILLIAM FRANCIS NISSEN  
 HARRY ALFRED OHLINGER

## In Electrical Engineering

SAMUEL WORTH ARCHER

JOSEPH JEAN GRANT

## In General Engineering

HAROLD CALDWELL BRISSENDEN

HERBERT THOMAS PEXTON

## In Mechanical Engineering

EVERETT RUNYAN BOWMAN  
 ADALBERT CLEMENS DOESCHER  
 ROBERT WARD HONENS

PAUL BERNHARD HUCK  
 WILBUR ROBERT MURLEY  
 RANDALL BAPTISTE ROMAN

## In Mining Engineering

J. ARTHUR BOTTOMLEY

## In Railway Civil Engineering

KARL FREDERICK KIRKMAN

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## In Agriculture

CAROL CUNNINGHAM  
LEROY EDWIN HATCHEMERY ELWOOD JONES  
JAMES LEE LONG

## In Floriculture

ORLAND FRED DUNTEMAN

JOSEPH GUSTAV GILL

## In Home Economics

MAURINE BOYD EDEL

## COLLEGE OF LAW

## Degree of Bachelor of Laws

NAT THOMPSON BURFEIND  
CHARLES HENRY CARLSTROM  
JOHN ANDREW FILPI  
CHARLES VINCENT FRINGSROBERT FRANCIS GODDARD  
GEORGE KAPLAN  
JOSEPH JOHN TOLSON

## LIBRARY SCHOOL

## Degree of Bachelor of Science

VERA ESTELLA COOKE, A.B., Albion College, 1909. With Honors.  
 JANET PELTON COOPER, A.B., Wellesley College, 1926. With Honors.  
 LUCY B. FOOTE, B.S., George Peabody College for Teachers, 1927. With Honors.  
 CHARLOTTE ELIZABETH HOWE, B.S., Kansas State Teachers College of Emporia, 1919.  
 GLADYS NICHOLS, A.B., Otterbein University, 1914.  
 HANNAH MABEL SCOTT, B.S., Ohio State University, 1927.  
 SISTER MARY ROSE COFFEY, A.B., Catholic University of America, 1914.  
 CLARA LOUISE WURDELL, A.B., Macalester College, 1924.  
 CLARA ETTA YADON, B.S., State Teachers College of Kirksville, Missouri, 1917

## COLLEGE OF MEDICINE

## Degree of Bachelor of Science

ALBERT HYMEN FEINERMAN

MORRIS PHILIP ORLOFF

## Certificate in Medicine

ABEL CORNELIUS ANTHONY

WILLIAM ROAN SMITH

## COLLEGE OF DENTISTRY

## Degree of Doctor of Dental Surgery

M. DEE MEDLIN

JOSEPH SCUDDER

On motion of Mrs. Blake, these degrees were authorized.

## LEAVES OF ABSENCE

(5) Requests from the following members of the staff, endorsed by the Head of the Department and the Dean of the College in each case, for sabbatical leaves of absence on one-half pay for the year 1931-32 under the rules of the Board:

Professor W. S. Robertson of the Department of History.

Professor G. T. Flom of the Department of English.

Professor T. W. Baldwin of the Department of English.

I recommend that these leaves be granted.

On motion of Mr. Fisher, these leaves were granted.

**CARNEGIE CORPORATION FELLOWSHIPS FOR MISS IRENE DOYLE  
AND MISS PAULINE McCANDLESS**

(6) A report that I have authorized the Comptroller to accept two funds of \$1500 from the Carnegie Corporation of New York which represent fellowships in library science awarded by the Corporation to Misses Irene Doyle and Pauline Dale McCandleless, students in the University Library School, and to disburse these funds to these students.

On motion of Mrs. Grigsby, this action was approved and confirmed.

**ATHLETIC ASSOCIATION PROPOSES TO BUILD GOLF  
COURSE AND SKATING RINK**

(7) A report from Director George Huff that the Board of Directors of the Athletic Association on October 6, 1930, adopted the following resolutions:

"The Athletic Association of the University of Illinois will be glad to cooperate with the University in providing better facilities for golf and will bear all of the expense of building a golf course, either of nine or eighteen holes, provided the University will furnish the necessary land. It is estimated that the cost of building greens and bunkers, and providing proper drainage and water supply for an eighteen hole course will be approximately \$40,000."

"The Athletic Association of the University of Illinois requests the privilege of immediately proceeding with the building of an artificial ice skating rink according to the plans which have already been submitted to the Board of Trustees of the University. It is understood that the contract for this building shall be let on competitive bids."

I recommend that the offer to construct a golf course be accepted, and that the Association be authorized to proceed with the building of the ice skating rink, provided that the plans for financing the cost of these projects shall meet with the approval of the Finance Committee.

On motion of Mr. Armstrong, this matter was referred to the Finance Committee for consideration and report later in the day (see page 108).

**LIGHTING FIXTURES FOR THE CHEMISTRY ANNEX BUILDING**

(8) A recommendation from the Supervising Architect that the following lighting fixtures be purchased from the General Electric Supply Corporation of Chicago for the Chemistry Annex Building at the prices indicated:

Crouse-Hinds Co. cast aluminum fitters—

19 VDA-175 @ \$2.12.....	\$ 40 28	
148 VDA-1200 @ \$2.65.....	392 20	
178 VDA-1200 with adapters		
V-904 @ \$4.78.....	850 84	
	\$1283 32	
Less 2%—10 days.....	25 67	
		\$1257 65

Holophane Co. Inc., glassware—

19 No. 2208 @ \$1.65.....	\$ 31 35	
148 No. 2328 @ 2.47.....	365 56	
178 No. 2338 @ 4.85.....	863 30	
	\$1260 21	
Less 2%—10 days.....	25 20	1235 01
<b>Total.....</b>		<b>\$2492 66</b>

This will provide all interior lighting fixtures except for ten outlets in the tunnel and one in the basement for which this type of fixtures is not suitable. These fixtures are of the "safety" type which entirely seals the light mechanism in glass and aluminum and, although the cost is greater than that of the type used in other buildings, the Supervising Architect is of the opinion that it is justified in view of the fact that the ordinary fixture has a short life under chemical laboratory conditions.

This recommendation is based on quotations secured from the General Electric Supply Corporation, the Holophane Company (\$3226.06) and the Goodrich Electric Company (\$1719.65). The latter is designed primarily for industrial or factory use and does not have the efficiency of the other two types.

I concur in the recommendation.

On motion of Mrs. Evans, this purchase was authorized as recommended.

#### CONTRACT FOR HARDWARE IN WOMAN'S GYMNASIUM

(9) The Supervising Architect submits the following schedule of bids received for the finish hardware on the Woman's Gymnasium:

Holder Hardware Co. (Bloomington).....	\$2 141
Sargent & Co. (Chicago).....	2 195
Russell & Erwin Mfg. Co. (Chicago).....	2 400

He recommends that the contract be awarded to the Holder Hardware Company on their quotation of \$2,141.00, the cost to be paid from the appropriation for this building.

I concur in this recommendation.

On motion of Mrs. Grigsby, this contract was awarded to the Holder Hardware Company, the lowest bidder, as recommended.

#### CONTRACT FOR LABORATORY EQUIPMENT FOR CHEMISTRY ANNEX

(10) The Supervising Architect submits the following schedule of bids received on the laboratory equipment for the third floor of the Chemistry Annex:

Walrus Mfg. Co.....	\$17 650 84
Kewaunee Mfg. Co.....	18 849 55
Sheldon & Co.....	19 973 00
Welch Mfg. Co.....	21 454 90
Kimball Co.....	25 058 15
Mueller Fixture Co.....	27 897 00

He recommends that the contract be awarded to the Walrus Manufacturing Company on the basis of their bid of \$17,650.84.

I concur in this recommendation.

On motion of Mr. Trees, this contract was awarded to the lowest bidder, the Walrus Manufacturing Company, as recommended.

#### CONTRACT FOR AIR-HEATER DUCTS FOR BOILER HOUSE ADDITION

(11) The Supervising Architect submits the following bids received for the ducts for carrying pre-heated air from the air heaters to the stokers in connection with the forced draft stoker installation under two boilers in the Boiler House Addition:

Harry Derrough, Champaign.....	\$2 785
Industrial Roofing Contractors, Mattoon.....	3 150

He recommends that the contract be awarded to Harry Derrough on the basis of his figure of \$2,785.00.

I concur in this recommendation.

On motion of Mrs. Evans, this contract was awarded to Harry Derrough, as recommended.

#### REMOVAL OF NOYES HOUSE ON NEVADA STREET FROM PROPOSED RESIDENCE HALL SITE

(12) The Supervising Architect recommends that the Noyes House on Nevada Street, which stands on the site of the proposed new Residence Hall, be moved to the area at the northeast corner of the forestry. In that location it could be used as another cooperative house or a nurses' home. The cost of moving this house and putting it into livable condition will be about \$7,000.

I concur in this recommendation.

On motion of Mr. Trees, this matter was referred to the Committee on Buildings and Grounds and the Committee on Student

Welfare, jointly, for consideration and report at the next meeting of the Board.

#### INVESTIGATION OF AERATION OF SEWAGE

(13) A report of the authorization of an agreement with the Vogt Brothers Manufacturing Company of Louisville, Kentucky, for an investigation by the Engineering Experiment Station of devices for aeration of sewage. This agreement will cover a period of two years from October 1, 1930, and the Company agrees to pay \$2,200 per year, or a total of \$4,400, for the expenses of this investigation.

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

#### INVESTIGATION OF CAST-IRON PIPE

(14) A report of the authorization of an extension of the agreement for the investigation of cast-iron pipe from November 1, 1930, the expiration date, to November 1, 1931. The Sectional Committee on Cast-Iron Pipe will provide the additional sum of \$300 for the expenses of this investigation.

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

#### APPROVAL OF REQUISITIONS FOR VARIOUS ITEMS OF EQUIPMENT

(15) A report for record of the approval of requisitions for the following:

1. Band instruments to cost \$2,010.24 net from C. G. Conn, Ltd., of Elkhart, Indiana, to be charged against an appropriation of \$4,000 which was made to the Military Bands for replacements of equipment (Minutes, June 19, 1930, page 693).

2. A rail testing machine for the College of Engineering to be built by the J. B. Hayes Machine Company of Urbana on the basis of special specifications at a price to be based on labor and material, but not to exceed a maximum of \$1,688. The expense is chargeable to one of the special funds provided by the Utilities Research Commission for investigation of fissures in steel rails.

3. Construction of a temporary laboratory near the Ceramics Kiln House for research in water treatment for ice manufacturing at a cost of \$3,883.20, the expense to be charged to the special fund provided by the Utilities Research Commission for water treatment for ice manufacture.

4. Pyrex laboratory glassware for the General Chemistry Storeroom from E. H. Sargent and Company at a price of \$2,434.98, f.o.b. Urbana, subject to 2% cash discount. This company submitted the lowest quotation of five other companies invited to submit prices. Provision for this equipment has been made in the budget of the various departments which will use it.

5. A carload of two grades of paper from the Moser Paper Company at a price of \$6.50 cwt for Montrose English Finish and \$5.75 for Keystone Machine Finish, prices being f.o.b. Urbana, subject to 2% discount for payment within thirty days. Provisions for this material have been made in the budgets of the various departments for whose publications it will be used.

6. Furniture and other furnishings for the President's Office from the Newton & Hoyt Company at a price of approximately \$2,549. Provision has been made in the Physical Plant Extension Budget for this equipment.

This report was received for record.

#### CONTRACT WITH THE CHICAGO TOWEL COMPANY

(16) A report that I have authorized the Comptroller and Secretary to execute for the University a contract with the Chicago Towel Company for furnishing garments, towels and laundry service for the Chicago Departments. In the past this service has been secured month by month from this concern and others, but the University has owned the garments itself. It will be more economical for the University to contract for the garments, and towels, as well as the laundry service, instead of owning the garments itself.

Provision for the expense of this service was made in the budgets of the various departments of the Chicago Schools.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

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

1. From the Monsanto Chemical Works of St. Louis, the sum of \$1,000 for a special research assistantship in chemistry for research in high-pressure gas reactions for the year 1930-31.

2. From the Radiological Research Institute of St. Louis, the sum of \$3,000 for three graduate research assistantships for the year 1930-31 in chemistry for the study of the design and operation of x-ray tubes.

3. From the Tennessee Products Corporation, the sum of \$1,000 for the continuation of an assistantship in high-pressure gas reactions research in the Department of Chemistry. (This is a continuation of a previous gift, the Board having authorized the original establishment of this assistantship on October 13, 1928 and its renewal on September 18, 1929.)

4. From Mead Johnson and Company, the sum of \$500 for a continuation of the research work in the College of Medicine established by that Company by a similar grant made last year. (Minutes, May 9, 1930, page 583.)

5. Through Mr. James M. Cowan of Aurora, Illinois, a painting of Ischia on the coast of Italy by the Italian artist, Matteo Sarno. The painting is presented by the artist, and the frame by Mr. Cowan.

This report was received for record.

#### SECRETARY'S REPORT OF CONTRACTS

(18) A report from the Secretary of the Board that the following contracts have been executed by the President of the Board and himself but have not been previously reported to the Board:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Purpose</i>
King & Petry	\$4500 (Est.)	July 17, 1930	Repairs on University Hall
A. W. Stoolman	7500 (Est.)	Aug. 20, 1930	General Work, Boiler House

This report was received for record.

#### COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(19) The following report from the Comptroller of contracts and purchase orders executed since the last report:

#### CONTRACTS EXECUTED BY THE COMPTROLLER SEPTEMBER 11, 1930, TO OCTOBER 13, 1930

Cooperative research agreements accepted by the Board of Trustees in meeting of September 17, 1930:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
National Lumber Manufacturers' Association	\$4 800	September 18, 1930	For cooperative investigation of timber floors

Leases of University property executed under general regulations:

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by University</i>	<i>Date</i>	<i>Tenure</i>
S. S. White Dental Manufacturing Co.	Booth A in Dental Building	\$450 per annum	Sept. 19, 1930	Oct. 1, 1930 to Sept. 30, 1931
C. L. Frame Dental Supply Company	Booth B in Dental Building	450 per annum	Sept. 19, 1930	Oct. 1, 1930 to Sept. 30, 1931
E. A. Moore	Sherwood House south of Military stables	20 per month	Sept. 18, 1930	One year from Nov. 1, 1930

Lease to the University executed under general regulations:

<i>Leased from</i>	<i>Property</i>	<i>Rental to be paid by University</i>	<i>Date</i>	<i>Tenure</i>
Scientific Tablet Co.	One Scienco Depositing Machine No. 477	\$10 per annum	Aug. 4, 1930	Continuous until terminated by either party

## Extension of Leases in accordance with options:

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by University</i>	<i>Date</i>	<i>Tenure</i>
John F. Hanson	North Carter-Pennell Farm	Special terms	Sept. 19, 1930	One year from March 1, 1931
H. P. Irvin	South Carter-Pennell Farm	One-half of crops	Sept. 19, 1930	One year from March 1, 1931

## Miscellaneous contracts executed under general regulations:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education <sup>1</sup>	Regular Fees	Sept. 6, 1930	Regular instruction in School of Pharmacy to be rendered to Daniel A. Stampar for one year from September 30, 1930
Illinois State Board for Vocational Education <sup>1</sup>	Regular Fees	Sept. 9, 1930	Regular instruction in College of Agriculture to be rendered to Henry Black for one year from September 19, 1930
Illinois State Board for Vocational Education <sup>1</sup>	Regular Fees	Sept. 19, 1930	Regular instruction in College of Commerce to be rendered to James Sporleder for one year from September 19, 1930
Illinois State Board for Vocational Education <sup>1</sup>	Regular Fees	Sept. 24, 1930	Regular instruction in College of Agriculture to be rendered to Robert J. Strough for one year from September 16, 1930

<sup>1</sup>Contracts executed at the request of the Board for Vocational Education.

LLOYD MOREY,  
*Comptroller*

This report was received for record.

## QUARTERLY REPORT OF THE COMPTROLLER

(20) The following quarterly report of the Comptroller to the Board of Trustees as at September 30, 1930:

QUARTERLY REPORT OF THE COMPTROLLER TO THE  
BOARD OF TRUSTEES

QUARTER ENDED SEPTEMBER 30, 1930

## SUMMARY

*Reserve and Contingent Fund*

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the close of the quarter was \$233,110, as per Schedule A. The balance at the corresponding date a year ago was \$294,085.

*Budget Income*

Realization of the budget income for the quarter, as per Schedule B, was as follows:

	<i>Estimate For Year</i>	<i>Per Cent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (Per Cent realized represents portion expended to September 30, 1930).....	\$4 765 000	17.3	21.9
Federal Funds.....	494 242	51.5	48.8
Student Fees.....	870 000	42.0	42.4
Agricultural Sales			
Credited to Revolving Accounts.....	136 500	18.5	20.4
Credited to Budget Income.....	124 900	22.4	19.6
Miscellaneous Sales and Receipts.....	120 000	15.1	22.4

*Treasurer's Balance*

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,071,707, Schedule C. On the corresponding date a year ago, the balance was \$1,212,712. Of this present balance, \$208,957 represents general funds, \$404,343 federal funds, \$283,093 residence hall funds, and \$175,314 represents trust funds.

*State Funds Balances*

The total balance of all State Appropriations as at the end of the quarter was \$5,992,747. Of this total, \$3,940,478 was for operations, \$2,045,056 was for new buildings, and \$7,213 was for special purposes (see Schedule C). Of this \$2,968,179 is payable out of the Mill Tax Fund and \$3,024,568 out of the General Revenue Fund. The balance in the Mill Tax Fund at the end of the quarter, allowing for warrants outstanding, was \$384,707.

*Budget Expenditures*

Board appropriations to departments for the current fiscal year total \$6,329,069, including salaries \$4,236,050, expense and equipment \$2,093,019. These were 20.1% expended at the end of the quarter, and 2.4% encumbered. (Included in Schedule D). On the corresponding date a year ago these appropriations were 19.0% expended and 2.7% encumbered.

*Expendable Trust Funds*

Balances at beginning of quarter and receipts for quarter on account of Expendable Trust and Special Funds arising from gifts and income from endowments totalled \$208,028, disbursements were \$49,365, encumbrances were \$6,079, leaving an unencumbered balance at the end of the quarter of \$152,584, per Schedule G.

*Endowment Funds*

Endowment funds from private gifts for special purposes (see Schedule F) are distributed as follows:

Professorial and Lectureship Endowments.....	\$145 302
Scholarship and Prize Endowments.....	84 556
Miscellaneous Endowments.....	80 031
<i>Total</i> .....	<u>\$309 889</u>

*Student Loan Funds*

Student loan funds from private gifts as of September 30, 1930 totalled \$186,093 per Schedule H. Loans outstanding as of that date amounted to \$170,058, leaving \$16,035 available for loaning.

*Indebtedness on Property*

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$49,400 on the Dental Building in Chicago, due in 1932 (Schedule H).

LLOYD MOREY,  
*Comptroller*

SCHEDULE A  
STATEMENT OF RESERVE AND CONTINGENT FUND  
FOR THE QUARTER ENDED SEPTEMBER 30, 1930

Balance forward July 1, 1930.....		\$ 225 697 77	
Add:			
Budget Income 1930-31 (Board Minutes June 19, 1930, page 619).....	\$6 378 302 48		
Additional Federal Appropriation for Extension (see contra).....	<u>26 000 00</u>	6 404 302 48	
Balance of Biennium State Appropriation for Buildings Available for 1930-31 Expenditure.....		2 305 276 27	
Lapsed 1929-30 Soil Survey Reports Printing Appropriation.....		<u>9 694 41</u>	\$8 944 970 93
Deduct:			
Budget Appropriations 1930-31 (Board Minutes, June 19, 1930, page 620).....	6 326 523 82		
Changes and Adjustments to the Budget			
Miscellaneous Salary Adjustments			
Alumni Records.....	\$ 150 00		
Dean of Women.....	500 00		
Library.....	1 600 00		
Chemistry.....	1 500 00		
Classics.....	600 00		
German.....	100 00		
Political Science.....	400 00		
Zoology.....	650 00		
Architecture.....	2 500 00		
Civil Engineering.....	500 00		
Horticulture.....	250 00		
Journalism.....	600 00		
Education.....	400 00		
Supervision and High School Instruction.....	850 00		
Changes in Expense Budget			
Library.....	<u>1 200 00</u>	11 800 00	
Additional Budget Appropriations made by Board of Trustees			
Chicago Health Service (Board Minutes, June 19, 1930, page 694).....	2 500 00		
College of Law (Board Minutes, July 23, 1930, page 10).....	<u>750 00</u>	3 250 00	
Appropriation of Additional Federal Cooperative Fund per Board Minutes, September 17, 1930 (see contra).....	<u>26 000 00</u>	6 367 573 82	
Balance of Biennium State Appropriation for Buildings (see contra).....		2 305 276 27	
Special Appropriations made by Board of Trustees			
In Meeting July 23, 1930			
Furnishings for President's House (page 50) ..	5 000 00		
Business Office Dictating Equipment (page 25)	540 00		
Registrar's Office Dictating Equipment (page 25).....	540 00		
In Meeting August 4, 1930 (Executive Committee)			
Psychology Tests for Freshmen.....	1 700 00		
In Meeting September 17, 1930			
Death Benefits (W. H. Smith).....	2 375 00		
Patents on Discoveries and Inventions.....	1 000 00		
Archaeological Explorations.....	1 500 00		
Paving Assessments.....	1 200 00		
President's House.....	<u>25 000 00</u>	38 855 00	
Assignments to cover 1929-30 Encumbrances (Balance lapsed in error).....		<u>156 12</u>	8 711 861 21
Balance September 30, 1930 (to Schedule H).....			<u>\$233 109 72</u>

SCHEDULE B  
REALIZATION OF INCOME FOR OPERATIONS  
1930-31 TO SEPTEMBER 30, 1930

	Budget Estimate	Realized to Date	Unrealized Balance (See Sch. H)
<i>State Funds</i>			
From Mill Tax.....	\$3 515 019 42	\$ 546 840 08	\$2 968 179 34
From General Revenue.....	1 249 980 58	277 681 93	972 298 65
<i>Total, State</i> .....	(4 765 000 00)	(824 522 01)	(3 940 477 99)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund.....	239 624 34	119 812 17	119 812 17
Capper-Ketcham Fund.....	40 167 48	20 083 74	20 083 74
Additional Extension Fund.....	26 000 00	26 000 00	
Hatch-Adams Funds.....	30 000 00	7 500 00	22 500 00
Purnell Fund.....	60 000 00	15 000 00	45 000 00
From State Treasurer			
Interest on Endowment Fund.....	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....	16 000 00		16 000 00
<i>Total, Federal</i> .....	(494 242 48)	(254 621 24)	(239 621 24)
<i>Student Fees</i> .....	870 000 00	365 126 37	504 873 63
<i>Sales</i>			
Credited to Departments			
Agriculture.....	121 740 00	25 263 91	96 476 09 <sup>2</sup>
Other Departments.....		3 240 41	3 240 41 <sup>*1, 2</sup>
Credited to Estimated Agricultural Sales....	124 900 00	28 048 09	96 851 91
Credited to General Income.....	120 000 00	18 101 59	101 898 41
Credited to Estimated Income from Creamery Surplus.....	14 760 00		14 760 00 <sup>3</sup>
<i>Total, Sales, etc.</i> .....	(381 400 00)	(74 654 00)	(306 746 00)
<i>McKinley Endowment</i> .....	5 400 00		5 400 00 <sup>4</sup>
<i>Grand Total</i> .....	\$6 516 042 48	\$1 518 923 62	\$4 997 118 86

\*Deduct.

<sup>1</sup>No budget estimate set up.<sup>2</sup>Credited direct to revolving accounts, not carried as separate items on Balance Sheet.<sup>3</sup>To be transferred from Creamery Operating Account June 30, 1931.<sup>4</sup>To be transferred from Trust Account June 30, 1931.

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1930-31 TO SEPTEMBER 30, 1930

	Balance July 1, 1930 and Adjustments	Receipts and State Appropriations	Disburse- ments	Balance September 30, 1930
<i>Funds in Possession of University</i>				
<i>Treasurer</i>				
General Fund.....	\$ 676 018 68	\$ 805 403 40	\$ 585 028 66	\$ 896 393 42
Trust Fund.....	127 584 60	131 105 12	83 375 75	175 313 97
<i>Total</i> .....	(803 603 28)	(936 508 52)	(668 404 41)	(1 071 707 39)
<i>State Appropriations</i>				
For Operation				
Salaries and Wages.....	202 520 00	3 515 019 42	749 360 08	2 968 179 34
Office Expense.....		150 000 00	35 599 84	114 400 16
Travel.....		34 980 58	7 520 38	27 460 20
Operation.....	2 115 13	485 000 00	137 137 70	349 977 43
Repairs.....	16 306 70	160 000 00	39 653 86	136 652 84
Equipment.....		290 000 00	66 506 73	223 493 27
Improvements.....	20 154 28	130 000 00	29 839 53	120 314 75
<i>Total, Operation</i> .....	(241 096 11)	(4 765 000 00)	(1 065 618 12)	(3 940 477 99)
For Buildings				
Agricultural Buildings.....		59 484 44	17 334 35	42 150 09
Chemistry Annex.....		272 074 20	93 918 44	178 155 76
Medical and Dental Labora- tories.....		1 459 023 13	66 232 99	1 392 790 14
Power Plant Addition.....		234 256 92	54 616 63	179 640 29
Woman's Gymnasium.....		280 437 58	28 117 95	252 319 63
<i>Total, Buildings</i> .....		(2 305 276 27)	( 260 220 36)	(2 045 055 91)
For Special Purposes				
Agricultural Experiment Station, Cook County.....				
<i>Total, State</i> .....	(241 892 91)	(7 080 276 27)	(1 329 421 83)	(5 992 747 35)
<i>Grand Total</i> .....	\$1 045 496 19	\$8 016 784 79	\$1 997 826 24	\$7 064 454 74

SCHEDULE D  
SUMMARY OF APPROPRIATIONS  
AS AT SEPTEMBER 30, 1930

	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General.....	\$ 436 341 58	\$ 96 840 07	\$ 16 871 94	\$ 322 629 57
Library.....	285 422 97	72 471 08	26 969 00	185 982 89
Agriculture				
University Appropriation.....	1 080 553 08	273 461 44	36 343 45	770 748 19
U. S. Extension.....	313 505 72	57 700 82	2 642 90	253 162 00
Liberal Arts and Sciences.....	1 181 741 44	222 420 08	6 496 58	952 824 78
Engineering.....	704 135 90	145 775 22	13 784 30	544 576 38
Graduate School.....	86 788 77	15 962 96	6 934 88	63 890 93
Medicine, Dentistry and Phar- macy.....	850 717 08	186 954 54	39 714 26	624 048 28
Journalism.....	31 148 67	6 311 27	1 023 95	23 813 45
Law.....	83 224 50	19 204 09		64 020 41
Library School.....	28 957 52	4 549 23	1 25	24 407 04
Military.....	19 184 82	2 888 60	456 37	15 839 85
Music.....	62 243 60	12 780 80	2 737 43	46 725 37
Education.....	193 866 21	33 828 27	2 620 03	157 417 91
Summer Session, 1930.....	81 589 29	79 807 44		1 781 85
Summer Session, 1931.....	84 105 00			84 105 00
Commerce.....	219 284 97	42 709 72	342 00	176 233 25
Physical Welfare.....	130 783 94	25 247 28	4 902 64	100 634 02
Physical Plant Operation and Maintenance.....	682 134 00	176 628 90		505 505 10
Sub-total.....	\$6 555 729 06	\$1 475 541 81	\$ 161 840 98	\$4 918 346 27
Land, Buildings and Improve- ments				
Special State Building Appro- priations.....	2 395 276 27	260 220 96	1 539 398 90	505 656 41
Other Appropriations.....	365 513 98	107 527 55	151 640 75	106 345 68
Grand Total.....	\$9 226 519 31	\$1 843 290 32	\$1 852 880 63	\$5 530 348 36

SCHEDULE E  
SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT SEPTEMBER 30, 1930

	Balance July 1, 1930	Disburse- ments	Credits from Departments Requisitions and Sales	Balance September 30, 1930
Storerooms.....	\$117 863 31	\$ 80 434 30	\$ 73 688 94	\$124 608 67
Service Departments.....	14 806 62	424 521 34	393 354 87	45 973 09
Revolving Accounts.....	5 779 19*	2 436 20	335 56	3 678 55*
Total.....	\$126 890 74	\$507 391 84	\$467 379 37	\$166 903 21

\*Credit Balance.

SCHEDULE F  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT SEPTEMBER 30, 1930

	Total July 1, 1930	Additions	Total Sept. 30, 1930
Professorial and Lectureship Endowments.....	\$139 742 66	\$5 559 50	\$145 302 16
Scholarship, Fellowship and Prize Endowments.....	84 556 27		84 556 27
Miscellaneous Endowments.....	80 030 71		80 030 71
Grand Total.....	\$304 329 64	\$5 559 50	\$309 889 14

SCHEDULE G  
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS  
AS AT SEPTEMBER 30, 1930

	Total Credits	Disburse- ments	Encum- brances	Free Balance Sept. 30, 1930
Professorial and Lectureship Endowments Income.....	\$ 2 937 94	\$ 1 00		\$ 2 936 94
Student Loan Endowments Income (subject to annuity).....	302 61	125 00		177 61
Scholarship, Fellowship and Prize Endowments Income.....	4 147 84	1 175 00		2 972 84
Miscellaneous Endowments Income.....	3 804 06	94 97		3 709 09
Building and Improvement Gifts.....	648 04	11 19	\$ 10 00	626 85
Scholarship, Fellowship, and Prize Gifts.....	14 580 66	2 253 06	4 00	12 323 60
Research Gifts.....	86 412 82	42 593 00	1 447 68	42 372 14
Other Expendable Funds.....	35 274 84	1 995 78	281 65	32 997 41
Deposit Funds.....	59 918 94	1 115 71	4 336 00	54 467 23
Grand Total.....	\$208 027 75	\$49 364 71	\$6 079 33	\$152 583 71

SCHEDULE H  
BALANCE SHEET AS AT SEPTEMBER 30, 1930  
ASSETS

<i>I. General and Building Funds</i>			
Cash with University Treasurer (Sch. C).....	\$	896 393 42	
Petty Cash Funds.....		30 600 00	
Balance in State Appropriation (Sch. C).....			
For Operation.....	\$	940 477 99	
For Buildings.....	2	045 055 91	
For Special Purposes.....	7	213 45	5 992 747 35
Stores and Service Departments (Sch. E).....			166 903 21
Loan to McKinley Hospital (Trust Fund).....			11 063 34
Accounts Receivable.....			24 304 63
Estimated Income from: (Sch. B)			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketcham, U. S. Appropriations..	207 395 91		
Interest on Endowment (Land Grant of 1862).....	16 225 33		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	504 873 63		
Agricultural Sales.....	96 851 91		
Creamery Surplus.....	14 760 00		
Trust Endowments.....	5 400 00		
Miscellaneous.....	101 898 41		
		<u>963 405 19</u>	\$8 085 417 14
<i>II. Trust Funds</i>			
Cash with University Treasurer (Sch. C).....		175 313 97	
Notes Receivable.....		170 058 18	
Investments			
Stocks and Bonds.....	262 723 00		
Land.....	46 550 00		
		<u>309 273 00</u>	654 645 15
<i>III. Endowment Fund</i>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<i>IV. Plant and Property</i>			
Plant and Property (July 1, 1930).....			<u>25 117 353 67</u>
<i>Total Assets</i> .....			<u>\$34 506 428 87</u>

LIABILITIES AND SURPLUS

<i>I. General and Building Funds</i>			
Appropriation Balances (Sch. D)			
Encumbered.....	\$	1 852 880 63	
Unencumbered.....	5 530 348 36		
			\$7 383 228 99
Reserve for Petty Cash Funds.....		30 600 00	
Reserve for Stores.....		122 360 64	
Reserve for Loan to Trust Fund.....		11 063 34	
Residence Hall and Hospital Balances.....		283 093 18	
Unappropriated Agricultural Income.....		21 961 27	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A).....			
		<u>233 109 72</u>	\$8 085 417 14
<i>II. Reserve for Trust Funds</i>			
Due General Funds for Repayment of Loan.....		11 063 34	
Expendable Funds (Sch. G).....		158 663 04	
Non-Expendable Funds (Sch. F).....	309 889 14		
Less: Loan from General Funds (above).....	11 063 34		
		<u>298 825 80</u>	
Reserve for Student Loan Funds.....		186 092 97	654 645 15
			649 012 91
<i>III. Reserve for Endowment Fund</i>			
<i>IV. Bonds and Surplus</i>			
Dental Property Bonds.....		49 400 00	
Surplus Invested in Fixed Assets.....	25 067 953 67		25 117 353 67
<i>Total Liabilities and Surplus</i> .....			<u>\$34 506 428 87</u>

This report was received for record.

At this point, Mr. Barr, being called from the room, asked Mr. Fisher to preside.

#### OFFERS OF LAND IN WHITESIDE COUNTY

(21) An offer from Mr. W. L. Abbott to sell to the University a small tract of land in Whiteside County.

On motion of Dr. Noble, the President of the University was requested to notify Mr. Abbott that the Board regrets that it does not seem advisable to purchase this land.

#### OFFER OF LAND AT OLNEY

(22) An offer of 115 acres of land at Olney, established as a bird refuge by the late Doctor Ridgway.

On motion of Mrs. Blake, this matter was referred to the President of the University for consideration and report.

#### OFFER OF BRONZE BUSTS FROM ILLINOIS PRESS ASSOCIATION

(23) The Illinois Press Association has established an Illinois Editorial Hall of Fame in honor of prominent Illinois editors who have contributed largely to the advancement of journalism in the State and the Nation. The Association wishes to present to the University at this time eight bronze busts, valued at twenty-five hundred dollars each, of the following editors:

- Victor Fremont Lawson, 1850-1925—editor and publisher of *Chicago Daily News*—Lorado Taft, sculptor.  
 Joseph Medill, 1819-1899—editor and publisher of *Chicago Tribune*—Oskar J. W. Hansen, sculptor.  
 Elijah Parish Lovejoy, 1802-1837—martyred abolitionist editor of Alton—Oskar J. W. Hansen, sculptor.  
 Henry Wilson Clendenin, 1837-1926—editor and publisher of *Illinois State Register*, Springfield—Lorado Taft, sculptor.  
 David Wright Barkley, 1842-1908—founder of the *Wayne County Press*, Fairfield—Viola Norman, sculptor.  
 William Osborne Davis, 1837-1911—founder of *Bloomington Pantagraph*—Albin Polasek, sculptor.  
 Edward Wyllis Scripps, 1854-1926—affiliated with Scripps-Howard Newspapers—Jo Davidson, sculptor.  
 Henry Means Pindell, 1860-1924—*Peoria Journal-Transcript*—Oskar J. W. Hansen, sculptor.

I recommend that this offer be accepted and that the Board send to the officers of the Illinois Press Association an expression of its appreciation of this gift.

On motion of Mr. Simpson, this gift was accepted, and the President of the University was requested to transmit to the officers of the Press Association an expression of the Board's appreciation of the generous action of the Association.

#### APPOINTMENT OF PLYM FELLOWSHIP COMMITTEE

(24) A report that the following architects have been appointed as members of the Plym Fellowship Committee for 1930-31:

Mr. Howard L. Cheney, President Chicago Chapter American Institute of Architects, 160 North LaSalle Street, Chicago, Illinois.

Mr. Robert C. Ostergren, President Illinois Society of Architects, 155 North Clark Street, Chicago, Illinois.

Mr. J. C. Llewellyn, First National Bank Building, Chicago, Illinois.

Mr. N. Max Dunning, 310 South Wabash Avenue, Chicago, Illinois.  
 Professor L. H. Provine, *ex officio*, Head of the Department of Architecture.  
 This report was received for record.

#### LEGISLATIVE BUDGET FOR 1931-33

(25) After consideration and discussion with the interests concerned I recommend the adoption of the following Legislative Budget for the Biennium 1931-33:

	<i>State Approp- riation for 1929-31 (per year)</i>	<i>Proposed for 1931-33 (per year)</i>
<i>Operating</i>		
Salaries and Wages.....	\$3 515 000	\$3 800 000
Office Expense, including printing and publications.....	150 000	150 000
Travel.....	35 000	35 000
Operation.....	485 000	500 000
Repairs.....	160 000	165 000
Equipment.....	290 000	315 000
Permanent Improvements.....	130 000	100 000
 Total per year.....	 <u>\$4 765 000</u>	 <u>\$5 065 000</u>
Total biennium.....	<u>\$9 530 000</u>	<u>\$10 130 000</u>
<i>Buildings</i>		
Total.....	<u>2 500 000</u>	<u>1 900 000</u>
Grand total for biennium.....	<u><u>\$12 030 000</u></u>	<u><u>\$12 030 000</u></u>
<i>Building Items for 1931-33:</i>		
Medical and Dental Laboratories, Chicago.....		\$1 400 000
Agricultural Laboratories Building, Urbana.....		500 000
		<u>\$1 900 000</u>

On motion of Mr. Trees, this budget was adopted, and the President of the University was directed to secure the introduction of a bill for the appropriation in the 1931 session of the General Assembly, and to take charge of the matter from now on. Dr. Noble requested that his vote be recorded in the affirmative on all the items in this budget except the item of \$1,400,000 for the Medical and Dental Laboratories.

#### FEEES IN THE COLLEGE OF MEDICINE

(26) Following a conference between Dean Davis of the College of Medicine, the Comptroller, and I, we wish to recommend that the following schedule of fees be adopted in the College of Medicine, effective October 1, 1931:

	<i>Residents of Illinois</i>			<i>Non-Residents</i>		
	<i>Tuition</i>	<i>Labora- tory</i>	<i>Total</i>	<i>Tuition</i>	<i>Labora- tory</i>	<i>Total</i>
First Year.....	\$165	\$35	\$200	\$265	\$35	\$300
Second Year.....	165	35	200	265	35	300
Third Year.....	195	5	200	295	5	300
Fourth Year.....	195	5	200	295	5	300

On motion of Mr. Fisher, these fees were authorized.

**BOILER HOUSE ADDITION**

(27) A recommendation from the Supervising Architect:

October 17, 1930

*BOILER HOUSE ADDITION**President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

We have just received two bids on our specification for the smoke breeching required in the re-setting of the two boilers which we are raising in the Power Plant. They are as follows:

Mississippi Valley Structural Steel Co. (Decatur).....	\$1437 00
Robert Holmes & Bros., Inc. (Danville).....	1480 00

I recommend that the contract be awarded to the low bidder, the Mississippi Valley Structural Steel Company, at their bid of \$1,437.00.

Yours truly,

JAMES M. WHITE  
*Supervising Architect*

On motion of Dr. Noble, this contract was awarded as recommended.

**RELEASE OF DISCOVERY BY PROFESSOR WHITE**

(28) A report from the Committee on Patents:

Urbana, Illinois  
October 18, 1930

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

The Committee on Patents has considered Professor James M. White's idea with reference to reducing sound in subways, which you brought to the attention of the Trustee Committee on Patents, and in as much as this is merely an idea of Professor White and involved no expenditure of time or material on the part of the University, the Committee recommends that the Board of Trustees make a declaration that the University waive any rights which it may have in any discovery which Professor White may have made with reference to reducing sound in subways.

Yours truly,

J. W. ARMSTRONG  
W. L. NOBLE  
WALTER T. FISHER, *Chairman*  
*Committee on Patents*

On motion of Dr. Noble, this recommendation was adopted.

**GOLF COURSE AND SKATING RINK**

Mr. Trees, for the Finance Committee, reported a recommendation that the Board express its interest in the proposal of the Athletic Association to enlarge the golf course, if the land can be found, and that the matter be referred to the Committee on Buildings and Grounds and the President of the University for investigation and report; further, that the Board approve the request of the Athletic Association for permission to proceed with the erection of a skating rink.

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

**SURETY BONDS**

On motion of Mrs. Blake, it was voted that it is the sense of the Board that whenever it is necessary for the University to take surety bonds, the bonds shall be referred to the Finance Committee in advance of acceptance by the University.

**BOUNDARIES ON PENNSYLVANIA AVENUE**

On motion of Dr. Noble, the committee on Buildings and Grounds was directed to see that a survey of the boundaries of the University property bordering on Pennsylvania or Maple Avenue and the "Gallivan tract" is made, and to report the results to the Board.

**DATE OF NOVEMBER MEETING**

On motion of Mr. Trees, it was voted to hold the November meeting at 9 o'clock a.m. on Friday, November 14, 1930, at the Blackstone Hotel, in Chicago.

**APPOINTMENTS MADE BY THE PRESIDENT**

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

Aremow, Melvin Louis, Assistant in Internal Medicine, in the College of Medicine, for eleven months beginning October 1, 1930, without salary. (October 10, 1930)<sup>1</sup>

Alexander, Almira, Stenographer in the Graduate School, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 24, 1930)

Allen, Frank Hedrick, Assistant in the Bureau of Business Research, on one-half time, for nine months beginning October 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 15, 1930)

Babcock, Lucy Ann, Assistant in the Reference Department of the Library, on one-half time, beginning September 15, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of fifty-eight dollars thirty-three and one-third cents (\$58.33 $\frac{1}{3}$ ) a month. (September 19, 1930)

Bevis, Neva Audra, Stenographer and Clerk, in Home Economics Extension, in the Agricultural Extension Service, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (October 15, 1930)

Bone, James Harris, Technician in the Department of Physiology, in the College of Medicine, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 16, 1930)

Bradley, C. W., Assistant in Chemistry, on one-half time, for four months beginning October 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment for the first semester only). (October 4, 1930)

Brown, Donald Meeker, Assistant in Mathematics, on two-thirds time, beginning September 25, 1930, and continuing until July 1, 1931, at a cash compensation of nine hundred thirty-five dollars (\$935). (September 25, 1930)

Buran, Louis Frank, Special Research Graduate Assistant in Civil Engineering, beginning September 1, 1930, and continuing until June 30, 1932, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 2, 1930)

Butz, L. W., Assistant in Chemistry, on one-half time, for four months beginning October 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment for the first semester only). (October 4, 1930)

Collins, Elbert B., Head Clerk in the Agricultural Mailing Room, in the Agricultural Experiment Station, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month. (October 10, 1930)

Collins, William Robert, Assistant in Pharmacy and Assistant Pharmacist in the Research Hospital, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (October 1, 1930)

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

Conard, Vera, Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 4, 1930)

Dahlenburg, Lyle M., Junior Accountant in the Business Office, on three-fourths time, beginning October 1, 1930, and continuing until May 31, 1931, at a cash compensation at the rate of one hundred eighteen dollars and seventy-five cents (\$118.75) a month, and on full time, beginning June 1, 1931, and continuing until August 31, 1931, at a cash compensation at the rate of one hundred fifty-eight dollars and thirty-three cents (\$158.33) a month (this supersedes his previous appointment). (September 24, 1930)

Dalitsch, Walter William, Health Officer in the Chicago Departments, on one-third time (two to two and one-half hours per day), beginning September 22, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month (this is in addition to his other two appointments in the Department of Medicine). (September 23, 1930)

Dawson, Walker Myrick, Assistant in Animal Husbandry, in the Agricultural Experiment Station, beginning September 15, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (September 23, 1930)

Deutsch, Hans, Associate in Criminology, in the Department of Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, for eleven months beginning October 1, 1930, without salary. (October 13, 1930)

Dieckmann, Johanna Mary, Instructor in Pediatrics, in the College of Medicine, for eleven months beginning October 1, 1930, without salary. (October 6, 1930)

Finger, G. C., Assistant in Chemistry, on one-half time, for four months beginning October 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 4, 1930)

Geiger, Sara Gertrude, Instructor in Social Hygiene, in the Department of Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, beginning October 15, 1930, and continuing until September 1, 1931, without salary. (October 14, 1930)

Gieseking, John Eldon, Assistant in Soil Survey Mapping, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, beginning September 22, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of eighty-three dollars and thirty-three cents (\$83.33) a month. (September 30, 1930)

Gill, H. L., Associate in Physical Education and Athletic Coaching, for one year beginning September 1, 1930, at a cash compensation of three hundred dollars (\$300), in addition to five thousand five hundred dollars (\$5500) paid by the Athletic Association, for which the University assumes no responsibility (this supersedes his previous appointment). (October 14, 1930)

Hale, J. B., Assistant in Chemistry, on one-half time, for four months beginning October 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment for the first semester only). (October 4, 1930)

Hanawalt, Virginia B., Assistant in Zoology, on one-half time, beginning September 25, 1930, and continuing until June 30, 1931, at a cash compensation of six hundred dollars (\$600). (September 25, 1930)

Hartley, Miles C., Assistant in Mathematics, on one-fourth time, beginning September 25, 1930, and continuing until February 1, 1931, at a cash compensation of one hundred eighty-seven dollars and fifty cents (\$187.50). (September 25, 1930)

Harvey, Cecil Claude, Assistant in Physiological Chemistry, in the College of Medicine, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 26, 1930)

Heller, Richard Elliot, Technician in Orthodontia, in the College of Dentistry, on four-fifths time, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 23, 1930)

Henneberger, Olive Pauline, Assistant in English, on two-thirds time, for four months beginning October 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 30, 1930)

Higgins, John, Assistant in Pharmacology, in the College of Medicine, on one-half time, for eight months beginning October 15, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 10, 1930)

Hile, Esther May, Instructor in the Library School, for ten months beginning September 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (September 24, 1930)

Hoffman, Samuel Julian, Instructor in Pediatrics, in the College of Medicine, beginning October 15, 1930, and continuing until September 1, 1931, without salary. (October 16, 1930)

Holt, Beatrice Howard, Assistant in the Reference Department of the Library, on one-half time, beginning September 15, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of fifty-eight dollars thirty-three and one-third cents (\$58.33 $\frac{1}{3}$ ) a month. (September 19, 1930)

Hopperstad, Marcia, Clerk and Stenographer in the Department of Electrical Engineering, beginning September 8, 1930, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 19, 1930)

Huegy, Harvey Wilborn, Assistant in Business Organization and Operation, for ten months beginning September 1, 1930, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 18, 1930)

Hull, Thomas G., Assistant Professor of Pathology and Bacteriology, in the College of Medicine, on one-fourth time, for one year beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200). (September 20, 1930)

Jagowski, Victoria, Dispensary Nurse, in the College of Medicine, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (October 11, 1930)

Jennings, Doris, Technician in the Hospital Laboratory, in the College of Medicine, on one-half time, for one year beginning September 1, 1930, at a cash compensation of six hundred sixty dollars (\$660) (this is in addition to her appointment as Technician in the Department of Dermatology). (September 19, 1930)

Jewett, George Edgar, Special Research Graduate Assistant in Civil Engineering, beginning September 1, 1930, and continuing until June 30, 1932, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 2, 1930)

Johnson, E. H., Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 30, 1930)

Johnson, E. H., Assistant in Chemistry, on three-fourths time, for four months beginning October 1, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment for the first semester only). (October 4, 1930)

Johnson, Russell E., Laboratory Helper in the Department of Pharmacology, in the College of Medicine, on one-half time, for three months beginning November 1, 1930, at a cash compensation at the rate of forty-five dollars (\$45) a month (this supersedes his previous appointment until January 31, 1931). (October 11, 1930)

Kelley, Cornelia P., Instructor in English, for ten months beginning September 1, 1930, at a cash compensation of seventeen hundred dollars (\$1700) (this supersedes her previous appointment). (September 20, 1930)

Kilian, Harry Stephan, Assistant in Geology, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation of three hundred dollars (\$300). (September 19, 1930)

Koucky, J. D., Associate in Surgery, in the College of Medicine, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (October 6, 1930)

Lamar, John Everts, Instructor in Geology, on one-fourth time, beginning October 9, 1930, and continuing until January 31, 1931, at a cash compensation of two hundred dollars (\$200). (October 15, 1930)

Lauer, C. A., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, at a cash compensation of one hundred fifty dollars (\$150). (September 19, 1930)

Lockett, John A., Assistant in Zoology, on one-fourth time, beginning September 26, 1930, and continuing until February 1, 1931, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (September 30, 1930)

Long, Mrs. Bernita J., Assistant in the Law Library, on four-fifths time, beginning September 17, 1930, and continuing until August 31, 1931, at a cash compensation at the rate of one hundred thirty-three dollars and thirty-three cents (\$133.33) a month. (September 19, 1930)

Longmire, Francis Edward, Assistant State Leader of Farm Advisers (with the rank of Assistant Professor), in the Agricultural Extension Service, beginning November 1, 1930 (or as soon thereafter as he is able to report for work), and continuing until August 31, 1931, at a cash compensation at the rate of three hundred thirty-three dollars thirty-three and one-third cents (\$333.33 $\frac{1}{3}$ ) a month. (October 6, 1930)

McCabe, Mrs. Evelyn, Stenographer in the Bureau of Educational Research, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 6, 1930)

McCoy, R. H., Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 4, 1930)

McGreevy, Carrie, Stenographer in the Registrar's Office, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars and thirty-three cents (\$108.33) a month (this supersedes her previous appointment). (September 29, 1930)

Macmillan, A. H., Special Research Assistant in Chemistry, on one-half time, for ten months beginning October 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 2, 1930)

Marr, Lillian, Clerk and Stenographer in the Department of Ceramic Engineering, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 11, 1930)

Martin, Walter Beach, Associate Professor of Criminology, in the Department of Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, beginning October 15, 1930, and continuing until September 1, 1931, without salary. (October 14, 1930)

Metterhausen, Frederick Brockmann, Research Graduate Assistant in Civil Engineering, for ten months beginning October 1, 1930, at a cash compensation of six hundred dollars (\$600). (October 2, 1930)

Munro, Donald Farnham, Assistant in German, on three-fourths time, for five months beginning September 1, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment, his first appointment will be effective for the semester beginning February 1, 1931). (September 25, 1930)

Nicholson, D. G., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 25, 1930)

Notestein, Mrs. Helen Baker, Instructor in Roentgenology, in the College of Dentistry, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 19, 1930)

Overgard, Graham T., Assistant in Military Bands, on one-fourth time, and Assistant in Public School Music, on one-third time, for ten months beginning September 1, 1930, at a cash compensation of one thousand fifty dollars (\$1050). (September 19, 1930)

Parmacek, L., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for one year beginning September 1, 1930, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes his previous appointment). (September 20, 1930)

Price, Esther F., Assistant in the Loan Department of the Library, beginning September 8, 1930, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 19, 1930)

Puumala, R. H., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, to receive tuition and laboratory fees. (September 30, 1930)

Reed, William Vernon, Assistant in Architecture, beginning October 15, 1930, and continuing until June 30, 1931, at a cash compensation at the rate of one hundred seventy dollars (\$170) a month. (October 15, 1930)

Seed, Lindon, Associate in Surgery, in the College of Medicine, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (October 6, 1930)

Selling, Lowell Sinn, Instructor in Criminology, in the Department of Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, beginning October 15, 1930, and continuing until September 1, 1931, without salary. (October 14, 1930)

Singh, A. D., Special Research Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 2, 1930)

Smith, P. K., Assistant in Mathematics, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation of three hundred seventy-five dollars (\$375) (this supersedes his previous appointment). (September 25, 1930)

Smongeski, Cathryn C., Assistant Out-Patient Nurse, in the Department of Obstetrics and Gynecology, in the College of Medicine, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 15, 1930)

Trotier, Arnold H., Cataloger in the Library, on one-half time, beginning October 10, 1930, and continuing until August 31, 1931, at a cash compensation at the rate of fifty-eight dollars and thirty-three cents (\$58.33) a month. (October 11, 1930)

Tucker, LeRoy, Special Research Graduate Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, beginning September 16, 1930, and continuing until July 15, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 22, 1930)

Usry, Edith, Assistant in Theory and Piano, in the School of Music, on one-half time, for four months beginning October 1, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 10, 1930)

Utterback, Donald Desmond, Assistant in Geology, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 19, 1930)

Vaile, Mrs. Lora Frances, Assistant in Romance Languages, on one-half time, beginning October 15, 1930, and continuing until June 30, 1931, at a cash compensation of five hundred fifty dollars (\$550). (October 15, 1930)

Wamsley, Delos Herschel, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (September 30, 1930)

Warner, Agnes, Technician in the Department of Anatomy, in the College of Medicine, for eleven months beginning October 1, 1930, at a cash compensation at the rate of eighty-three dollars and thirty-three cents (\$83.33) a month. (September 30, 1930)

Werner, C. D., Assistant in Athletic Coaching, for ten months beginning September 1, 1930, at a cash compensation of two thousand one hundred fifty dollars (\$2150), in addition to one thousand two hundred fifty dollars (\$1250) paid by the Athletic Association, for which the University assumes no responsibility (this supersedes his previous appointment). (October 14, 1930)

Wesley, Alice Barbara, Assistant in the Binding Department of the Library, beginning September 18, 1930, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars and thirty-three cents (\$108.33) a month. (September 22, 1930)

White, Julius, Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 25, 1930)

White, Julius, Assistant in Chemistry, on three-fourths time, for four months beginning October 1, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment for the first semester only). (October 4, 1930)

Wittelle, Frank Max, Associate in Obstetrics and Gynecology, in the College of Medicine, beginning October 15, 1930, and continuing until September 1, 1931, without salary. (October 15, 1930)

Woodward, C. F., Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 4, 1930)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**November 3, 1930**



A special meeting of the Board of Trustees of the University of Illinois was held at the Union League Club, in Chicago, at 12:30 p.m. on Monday, November 3, 1930, pursuant to the following notice, which was sent out by the Secretary on October 29, 1930:

On the call of the President, Mr. George A. Barr, a special meeting of the Board of Trustees of the University of Illinois will be held at the Union League Club, in Chicago, at 12:30 p.m. on Monday, November 3, 1930, to consider matters concerning the Chicago Departments and such business as the President of the University and the committees and officers of the Board may present, and such other business as may be duly presented.

The following members were present: President Barr, Mr. Armstrong, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Chase was present; also Dean D. J. Davis, Professor W. F. Petersen, and Professor H. D. Singer.

#### **RELATIONS WITH DEPARTMENT OF PUBLIC WELFARE**

Mr. Barr stated that the purpose of the meeting was to consider the Colleges of Medicine and Dentistry and their relation to the State Department of Public Welfare.

The Secretary read a portion of the minutes of May 17, 1929 (page 198), authorizing an amendment to the existing contract with the Department of Public Welfare.

President Barr read a letter from President Kinley to Dean Davis, announcing his appointment of Dean Davis and Professors Petersen and Singer as members of the committee provided for in the amendment mentioned above.

On request of President Chase, Dean Davis made a statement reporting in detail the progress of the committee.

On motion of Mr. Armstrong, the committee was requested to continue its work and to report its progress to the President of the University.

#### **FACULTY COMMITTEE ON PATENTS**

President Chase presented the following report of the Committee on Patents:

The Committee on Patents recommends that a patent committee be appointed from the faculty of the University to serve as a working committee and to confer regarding matters of policy with the Committee on Patents of the Board of Trustees.

W. L. NOBLE  
J. W. ARMSTRONG  
WALTER T. FISHER

On motion of Dr. Noble, this recommendation was adopted.

#### **SURVEY OF ROOMING CONDITIONS**

On motion of Mrs. Blake, the President of the University was requested to make a survey of the conditions under which the men students of the University are living, and to report to the Board.

On motion of Mrs. Blake, an appropriation of \$2000, or so much thereof as may be necessary, was made from the Reserve and Contingent fund, to meet the expense of this survey.

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

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

---

**November 14, 1930**



The November 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. on Friday, November 14, 1930. The following members were present: President Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of October 17, and November 3, 1930.

On motion of Mr. Trees, the minutes were approved as printed on pages 89 to 116 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**ADJUSTMENTS IN THE BUDGET FOR 1930-31**

(1) The following changes and adjustments have been made in the budget for 1930-31, in accordance with the authority given to the President to make such adjustments:

1. The addition of \$1,440 to the Department of Chemistry for the salaries of two assistant storekeepers from January 1, to August 31, 1931, which the expansion of the Department into the new Chemistry Building Annex requires.

2. The addition of \$1,400 to the Library School for the salary of an additional assistant required by the increased enrollment of first-year students.

3. The appointment of W. P. Flint, Chief Entomologist in the State Natural History Survey, as Entomologist in the Agricultural Experiment Station with the rank of Associate Professor (on part time), at a salary of \$1,000 a year, beginning December 1, 1930.

This report was received for record.

**APPROPRIATION FOR AGRICULTURAL EXPERIMENT  
STATION BULLETINS**

(2) A request from the Head of the Department of Agronomy and the Dean of the College of Agriculture that the sum of \$1,225 be appropriated for the printing of bulletins. I recommend that this amount be appropriated from excess receipts of the Department remaining unexpended June 30, 1930.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emerson, Mr. Simpson.

**LEAVES OF ABSENCE**

(3) Requests from the following members of the staff for sabbatical leaves of absence on one-half pay for the year 1931-32 under the rules of the Board of Trustees:

Professor T. E. Oliver of the Department of Romance Languages.

Professor Clarence A. Berdahl of the Department of Political Science.

Assistant Professor Paul N. Landis of the Department of English.

I recommend that these leaves be granted.

On motion of Mrs. Evans, these leaves were granted.

**LEAVE OF ABSENCE FOR DR. CLARISSA RINAKE**

(4) A recommendation from the Head of the Department of English and the Dean of the College of Liberal Arts and Sciences that Dr. Clarissa Rinaker, Assistant Professor of English, be given leave of absence on account of illness from November 1, 1930, to February 1, 1931, on part salary. A substitute has been appointed to provide for such of Doctor Rinaker's work as cannot be taken care of by her colleagues. The salary of the substitute will be charged to the salary of Doctor Rinaker and the balance will be paid to her.

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

**AMENDMENT OF REGULATIONS FOR ASSESSMENT  
OF NON-RESIDENT FEES**

(5) A recommendation that the regulations adopted by the Board of Trustees on October 20, 1922 (page 57), defining the residence of students for the purposes of assessing fees be amended to clarify our practice. Under the present regulations a minor whose parents have moved to Illinois from outside of the State and have established a *bona fide* residence is immediately considered a resident of the State, but an adult student may be considered a resident only after he has been in residence twelve months and is self-supporting. In other words, under the present phraseology of the rules a minor child of a family which has just established legal residence in the State may be classified as a resident of Illinois and an adult child of the same family may be classified as a non-resident for his first year in the University.

The amendments proposed are as follows:

## REGULATIONS FOR ASSESSMENT OF NON-RESIDENT FEES

*Present Regulations*

NOTE: In these regulations a boy under 21 years of age or a girl under 18 years of age is considered to be a minor.

1. Evidence showing the legal residence of every applicant for admission to the University must be submitted to the Registrar at the time of application for admission, and the non-resident fee shall be assessed on the basis of the evidence appearing on the Registrar's records.
2. In all cases where the records indicate that the student's home is outside the State of Illinois the non-resident fee shall be assessed. A student who takes exception to the ruling may file a claim for a refund, but this claim must be submitted to the Registrar within 30 days from the date on which the original charge was made. After this period the student loses his right to a refund for the current semester.
3. In the case of a student who is a minor the residence of the parent, or if the student has no parent, the guardian of his person, shall govern. To be considered a resident of Illinois for purposes of registration in the University evidence must be presented showing that the parent (or guardian, as the case may be) has a permanent place of abode within the State.
4. A student who is not a minor to be considered a resident of Illinois for purposes of registration in the University must have been a *bona fide* resident of the State for a period of at least twelve months next preceding the beginning of any semester for which he (or she) registers at the University.
5. A student who is not a minor, but whose parents reside outside the State, desiring to be considered a resident of Illinois for purposes of registration in the University, must present evidence that he (or she) is able to meet the residence requirement of Section 4, is self-sustaining, and not under parental control.
6. An alien who has taken out first naturalization papers may qualify as a resident of the State for purposes of registration in the University if he (or she) has lived within the State for a period of at least twelve months next preceding the beginning of any semester for which he (or she) registers at the University, subject to the provisions of rule 5.
7. All cases of appeal shall be considered and acted upon by the Legal Counsel of the University.

*Proposed Regulations*

NOTE: In these regulations an adult student is considered to be a boy 21 years of age or over or a girl 18 years of age or over.

1. Same
2. Same
3. Same
4. Any student (adult or minor) whose parents have established a *bona fide* residence in the State of Illinois, will be regarded as a resident for registration purposes.
5. An adult student, whose parents reside outside the State, to be considered a resident of Illinois for purposes of registration, must have been a *bona fide* resident of the State for a period of at least twelve months next preceding the beginning of any semester for which he registers at the University and must present evidence that he is self-sustaining, and not under parental control.
6. Same as present number 6 except for the word "adult" inserted before "alien" in the first line.
7. Same

On motion of Dr. Noble, these amendments were adopted.

**COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS**

(6) The following report from the Comptroller of contracts and purchase orders executed by him since the last report was made to the Board:

November 10, 1930

*President H. W. Chase, 355 Administration*

DEAR PRESIDENT CHASE:

I send you herewith the report of contracts executed by the Comptroller since the last report together with a list of purchase orders issued during the month of October not otherwise reported to the Board of Trustees.

Cordially yours,

LLOYD MOREY  
*Comptroller*

**CONTRACTS EXECUTED BY THE COMPTROLLER  
OCTOBER 13, 1930, TO NOVEMBER 8, 1930**

Cooperative research agreements executed on special authorization of the Board of Trustees in meeting of October 17, 1930:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
Vogt Brothers Manufacturing Company	\$4 400	October 10, 1930	For cooperative investigation of devices for the aeration of sewage

Minor contract executed on President's authorization, confirmed by the Board of Trustees in meeting of October 17, 1930:

<i>Name</i>	<i>Amount Rates as per contract</i>	<i>Date</i>	<i>Item</i>
Chicago Towel Company		October 16, 1930	Furnishing garments, towels, and laundry for Chicago Departments

**PURCHASE ORDERS ISSUED IN OCTOBER NOT OTHERWISE REPORTED**

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation made in budget</i>	<i>Procedure</i>
Swenson Land and Cattle Company	Cattle	\$1 525 00	Animal Husbandry	Beef Cattle Station (see Board minutes, October 17, 1930)	Quoted
Swenson Land and Cattle Company	Cattle	1 025 00	Animal Husbandry	Beef Cattle Station	Quoted
Standard X Ray Corporation	X Ray Table <sup>1</sup>	1 144 27	McKinley Hospital	McKinley Hospital operation	Competitive

<sup>1</sup>Purchase authorized by Board September 17, 1930.

H. M. EDWARDS  
*Purchasing Agent*

This report was received for record.

**PURCHASE OF ADDITIONAL LOTS IN ROSELAWN AND MOUNT HOPE CEMETERIES**

(7) A letter from the Supervising Architect reporting:

1. That the University has been offered an opportunity to purchase additional lots in Roselawn Cemetery but he does not believe that these should be purchased unless the price asked is unusually advantageous;

2. That certain lots in this cemetery near Fourth Street should be acquired when there is opportunity;

3. That certain lots belonging to the county in the northwest corner of Mount Hope Cemetery have been offered to the University;

4. That the Lot Owners' Association of Roselawn Cemetery desires a conference with the University officers to determine how the cemetery is to be managed and maintained from now on.

I recommend that these matters be referred to the Committee on Buildings and Grounds.

On motion of Mrs. Grigsby, these matters were referred to the Committee on Buildings and Grounds for consideration and report.

#### **SWIMMING CLASSES FOR WOMEN MEMBERS OF THE FACULTY**

(8) A recommendation from the Director of Physical Welfare and the Supervising Architect that swimming classes be established in the Woman's Gymnasium for women employees of the University and for wives of members of the faculty, these classes to be given in the evening, and that a fee of three dollars per semester be charged each person who enrolls to cover instruction, suit and laundry service, and where a locker is desirable that an additional charge of one dollar be made. The Provost and the Comptroller recommend approval of this proposal in so far as it applies to women employees of the University, but not to wives of members of the faculty on the ground that it is unwise to open facilities of the University to persons not connected with it except through channels of regular instruction.

I recommend that the establishment of such classes for women employees be authorized with the fee as recommended (except that the fee for the present semester be two dollars since the semester is one-third over) and that the income from the fees be applied toward the expenses of instruction, laundering, and other services.

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

#### **CONTRACT FOR WIRING CATTLE FEEDING PLANT**

(9) A recommendation of the Supervising Architect that the contract for electric wiring in the Cattle Feeding Plant be awarded to Henry Newgard & Company, the lowest bidders, on the basis of their bid of \$2,562. I concur in this recommendation.

On motion of Dr. Noble, this contract was awarded as recommended.

#### **GIFT FROM THE AMERICAN MEDICAL ASSOCIATION**

(10) A report of the acceptance of a gift of \$500 from the Committee on Scientific Research of the American Medical Association to assist Doctor Theodore Cornbleet, Instructor in Dermatology, in his research work on problems of cutaneous pathology.

This report was received for record.

#### **PURCHASE OF HARDWARE FOR PRESIDENT'S HOUSE**

(11) A recommendation from the Supervising Architect that the purchase of hardware for the New President's House be referred to the Committee on Buildings and Grounds with power to act on the condition that the hardware can be purchased within the appropriation already made for the building.

On motion of Dr. Noble, this recommendation was adopted.

#### **EXPANSION OF GEOLOGICAL SURVEY**

(12) A statement concerning the proposed expansion of the State Geological Survey, and a request that a hearing on this matter be granted to Mr. J. I. Zook and his associates.

This hearing was granted, and Mr. Zook, Mr. Whittier, Dr. M. M. Leighton, and Mr. T. W. Essington were introduced. These gentlemen made statements in favor of the proposed program of expansion of the Survey, and retired. President Chase made a further statement. Action on this matter was deferred.

#### **INAUGURATION OF PRESIDENT CHASE**

Mr. Trees, for the special committee on the inauguration of President Chase, announced that May 1, 1931, had been selected as the date for the ceremony.

## REPORT OF AUDIT

Mr. Trees, for the Finance Committee, presented the following report of the auditors, Arthur Young & Company.

October 21, 1930

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRS,

We have audited the books of the University of Illinois for the quarter ended September 30, 1930, and submit the following brief summary of the work done and the result of the audit:

The cash receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and the vouchers certified to the State Auditor have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of pay roll vouchers for non-appointees has been checked against the original time reports on file in the respective Departments. Salaries of appointees have been checked against the notices of appointment issued by the Secretary of the University. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer as at September 30, 1930, together with the securities in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from the depository. Cash on hand has been verified by actual count.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the reports of the Registrar and the files of the various operating departments.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of July 23 and September 17, 1930, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit, have been checked into the books of account. The records of previous meetings have likewise been referred to with respect to items consummated during the quarter under audit.

In the offices of the Purchasing Division we have compared a number of the larger purchase orders issued with the relative bids and quotations. A number of construction contracts, together with purchase orders exceeding \$1,000 in amount, have been checked against reports made to the Board of Trustees and have been found to agree therewith.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination—

All income which the University should have received during the quarter ended September 30, 1930, has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at September 30, 1930, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The report of the comptroller to the Board of Trustees for the quarter ended September 30, 1930, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The quarterly financial report of the comptroller to the Governor of the State of Illinois, covering the period beginning July 1, 1929, and ended September 30, 1930, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & COMPANY

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

### PARK SYSTEM FOR MEDICAL CENTER

Dr. Noble, for the committee on Chicago departments, made a report of progress on the proposed park system for the medical center.

### DATE OF DECEMBER MEETING

On motion of Mr. Trees, it was voted to hold the December meeting at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Tuesday, December 9, 1930.

### APPOINTMENTS MADE BY THE PRESIDENT

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

Aaronson, Abe L., Instructor in Physiological Chemistry, in the College of Medicine, on one-half time, beginning October 6, 1930, and continuing until September 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 29, 1930)<sup>1</sup>

Batko, J. B., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, without salary. (October 31, 1930)

Berdahl, Mrs. Evelyn Tripp, Assistant in English, on two-thirds time, for three months beginning November 1, 1930, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (November 1, 1930)

Browning, Levi M., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, without salary. (October 31, 1930)

Clark, William C., Assistant Mechanician in the Foundry Laboratory, in the Department of Mechanical Engineering, for eight months beginning November 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 23, 1930)

Corrigan, K. E., Special Research Assistant in Chemistry, on one-half time, for ten months beginning October 1, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 21, 1930)

Crickmay, Colin Hayter, Assistant Professor of Geology, for seven months beginning February 1, 1931, at a cash compensation at the rate of two hundred seventy dollars eighty-three and one-third cents (\$270.83 $\frac{1}{3}$ ) a month. (November 11, 1930)

Davia, J. E., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, without salary. (October 31, 1930)

Fitch, Kenneth R., Special Research Assistant in Chemistry, on one-half time, for ten months beginning October 1, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 21, 1930)

Greengard, Joseph, Associate in Pediatrics, in the College of Medicine, for eleven months beginning October 1, 1930, without salary. (October 23, 1930)

Gustin, Mrs. Jessie Mae, Nurse in the Department of Operative Dentistry, for eleven months beginning October 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 28, 1930)<sup>2</sup>

Hildeman, William Rudolph, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, beginning October 20, 1930, and continuing until August 20, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 21, 1930)

Hoffman, A. J., Assistant in Chemistry, on one-fourth time, beginning October 16, 1930, and continuing until January 31, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 22, 1930)

Koucky, J. D., Associate in Surgery, in the College of Medicine, on three-fourths time, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month (this supersedes his previous appointment). (October 21, 1930)

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

<sup>2</sup>The services of Mrs. Jessie Mae Gustin began November 1, 1930.

MacMillan, F. L., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, without salary. (October 31, 1930)

Meyers, Lulu B., Clerk in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station, for ten months beginning November 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (October 29, 1930)

Mohr, George, Assistant Professor of Criminology, in the Department of Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, for eleven months beginning October 1, 1930, without salary (this supersedes his previous appointment). (October 23, 1930)

Nordwall, Dorothy, Stenographer in the Department of Home Economics, in the College of Agriculture, for ten months beginning November 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (November 10, 1930)

Rubin, H. H., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning October 1, 1930, without salary. (October 31, 1930)

Scheerer, Ernest J., Assistant in the Loan Department of the Library, beginning October 27, 1930, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (October 28, 1930)

Schmitt, Lawrence F., Scholar in the Economics of Public Utilities, for ten months beginning September 1, 1930, at a stipendium of four hundred dollars (\$400). (October 21, 1930)

Seed, Lindon, Associate in Surgery, in the College of Medicine, on three-fourths time, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month (this supersedes his previous appointment). (October 21, 1930)

Skemp, Harriet Iler, Instructor in Gynecology and Obstetrics, in the College of Medicine, for ten months beginning November 1, 1930, without salary. (October 27, 1930)

South, Mary Frances, Stenographer in the Department of Neurology and Psychiatry, in the College of Medicine, for ten months beginning November 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (October 29, 1930)

Unger, Gilbert Carleton, Jr., Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, beginning October 20, 1930, and continuing until August 20, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 21, 1930)

Vacin, M., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1930, without salary. (October 31, 1930)

Van Vliet, Ellen Southworth, Stenographer in the Office of the Supervising Architect, for ten months beginning November 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (November 4, 1930)

Weiner, S. J., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning October 1, 1930, without salary. (October 31, 1930)

Werner, C. O., Special Research Assistant in Chemistry, on one-half time, for ten months beginning October 1, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 21, 1930)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**December 9, 1930**



The December 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. on Tuesday, December 9, 1930. The following members were present: President Barr, Mr. Armstrong, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Chase was present; also Professor J. M. White.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of November 14, 1930.

On motion of Dr. Noble, the minutes were approved as printed on pages 117 to 124 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**ADDITIONAL APPROPRIATION FOR SCHOOL OF JOURNALISM**

(1) A report that I have authorized the addition of two hundred dollars to the expense and equipment budget of the School of Journalism for wages of temporary employees, in accordance with the authority given the President to make such adjustments in the budget.

On motion of Mr. Fisher, this action was confirmed and approved.

**APPROPRIATION FOR STUDY OF CRIMINAL JUSTICE**

(2) President Hoover's National Commission on Law Observance and Enforcement has asked the University of Illinois to conduct an investigation of the cost of litigation in the administration of criminal justice in about ten cities of this State. The Commission is limiting its investigation to cities with a population in excess of twenty-five thousand inhabitants. Since the Commission has no fund available for this purpose it is asking the cooperation of the universities and certain civic and other organizations to assist in this study.

It is estimated that the cost of conducting such an investigation in Illinois would be about one thousand dollars. Since this request comes from an agency of the Federal Government, it seems to me that the University may properly cooperate with it. The work would be done under the direction of the College of Law and the Department of Political Science.

I request that this study be authorized and that the sum of one thousand dollars, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent fund for the expenses of this investigation.

On motion of Mrs. Evans, this study was authorized and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**GRADUATE SCHOLARSHIPS AND FELLOWSHIPS**

(3) A recommendation that the sum of twenty-five thousand dollars be provided in the budget for 1931-32 for graduate scholarships and fellowships.

On motion of Dr. Noble, the President of the University was authorized to include this item in the budget for 1931-32.

**LEAVE OF ABSENCE FOR DEAN T. A. CLARK**

(4) A recommendation that Dean T. A. Clark be given leave of absence with pay on account of illness beginning December 1, 1930, and continuing for such length of time within the present academic year until he is able to resume his duties.

On motion of Mrs. Grigsby, this leave was granted.

**RETIREMENT OF MISS DAISY BLAISDELL**

(5) A request from Miss Daisy Blaisdell, Assistant Professor of German, who will reach the age of sixty-five during the present academic year, that she be permitted to retire on September 1, 1931, under the rules of the Board of Trustees which provide that in special cases and for substantial cause retirement may be permitted at any time after a member becomes sixty-five years of age.

I recommend that Miss Blaisdell be retired September 1, 1931, with a retiring allowance of \$1,330 a year, to which her length of service entitles her under the rules of the Board.

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

**CURRICULUM IN THE SCHOOL OF PHARMACY**

(6) A recommendation from the University Senate that, effective in September, 1932, the present three year curriculum in the School of Pharmacy be replaced by a four

year curriculum leading to the degree of Bachelor of Science in Pharmacy, the first year of the new curriculum to be administered in the form of an admission requirement, viz:

1. For admission to the School of Pharmacy, students must have completed in a recognized college or university one year's work comprising not less than 30 semester hours, exclusive of military science, physical education, and hygiene. The work of this year must include prescribed subjects as follows:

	Semester Hours
Chemistry (preferably including qualitative analysis) . . . . .	8-10
English . . . . .	6
Mathematics (including algebra and trigonometry) . . . . .	5

The remaining hours to be made up from electives shall be subject to the following restrictions: No work in chemistry in addition to the prescribed work may be elected; and no course in subjects offered in the School of Pharmacy (including botany, physiology, and bacteriology) may be elected. As desirable electives the following are recommended: accountancy, history, zoology, and economics.

2. A suitable course in physics shall be included in the Pharmacy curriculum and the courses in inorganic chemistry and qualitative analysis now included in the Pharmacy curriculum shall be discontinued. (The recommendation pertaining to a course in physics is made contingent on the availability of funds.)

3. The degree of Pharmaceutical Chemist shall be discontinued excepting that provision be made to allow students who have already entered this course a reasonable time in which to complete it.

4. On the completion of this four year curriculum, the degree of Bachelor of Science in Pharmacy shall be awarded.

I recommend approval.

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

#### CHANGE IN CURRICULUM IN ATHLETIC COACHING

(7) A recommendation from the University Senate that the prescribed curriculum in Athletic Coaching as approved by the Board of Trustees on December 12, 1929, (page 463) be modified by the substitution of Rhetoric 2 (Rhetoric and Composition), a three-hour course, and English 7 (a new course on Ideas and Forms of English Literature), a two-hour course, for Rhetoric 12 (Rhetoric and Literature—a combination of rhetoric and an elementary study of literature), a five-hour course.

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

#### CONTRACT FOR REFRIGERATION FOR MEDICAL AND DENTAL LABORATORIES BUILDING

(8) The Supervising Architect submits the following schedule of bids secured by Granger & Bollenbacher on automatic electrical refrigeration equipment for the Medical and Dental Laboratories Building:

General Electric Company . . . . .	\$7,487.35
Frigidaire Corporation . . . . .	6,574.87

This will include nine refrigerators and a water cooler on each of eight floors.

The Supervising Architect and the Medical faculty are of the opinion that the refrigerators supplied by the General Electric Company are better suited to the work to be done in this building, and recommend that the General Electric equipment be installed. The contract will be drawn to provide that replacements of defective units are to be made promptly and at the time the unit is removed.

I concur in this recommendation.

On motion of Mr. Armstrong, this contract was awarded to the General Electric Company as recommended.

#### APPROVAL OF REQUISITIONS FOR VARIOUS PURCHASES

(9) A report of the approval of requisitions for the following purchases, amounting to one thousand dollars or over:

1. Two apron conveyors for the Boiler House at a cost of \$1,459 net, f.o.b. Urbana, from the Webster Manufacturing Company of Bloomington, low bidder on this equipment.

2. Labor and material for extending electric power lines to the cattle feeding plant, the cost to be charged to the appropriation for Physical Plant Extensions.

3. One Studebaker two-ton truck at \$1,115 net, (\$1,330 minus allowance for 1922 Graham Brothers one-and-a-half-ton truck \$215) from the Kincaid Motor Company of Champaign, the cost to be charged to the appropriation for Physical Plant Extensions.

This report was received for record.

#### **PURCHASE OF FURNITURE FOR CHEMISTRY ANNEX BUILDING**

(10) A recommendation that the Purchasing Agent be authorized to purchase furniture for the offices, laboratories, and classrooms, and also projection equipment for the lecture room, for the Chemistry Annex building. The estimated total cost of this equipment is \$5,200. The Purchasing Agent is not yet ready to place the orders, and this authorization is requested because the furniture and equipment will have to be purchased as soon as possible to have it ready for use at the beginning of the second semester.

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

#### **ALUMNI FOUNDATION**

(11) A request for a hearing for a committee of alumni concerning the organization of an Alumni Foundation.

This request was granted, and the following members of the alumni committee were heard: Mr. William J. Wardall, Mr. Wensel Morava, Mr. Glenn M. Hobbs, and Mr. E. L. Scheidenhelm. Mr. Wardall presented a plan of organization.

On motion of Dr. Noble, the President of the Board was requested to appoint a special committee (to include Mr. Barr and Mr. Fisher) to consider this matter and to report to the Board. President Barr appointed the following committee: Mr. Armstrong, Chairman, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mr. Trees.

#### **REQUEST OF DELTA PHI FRATERNITY FOR USE OF DRIVEWAY ADJOINING SKATING RINK**

(12) A report from the Supervising Architect that a driveway will be reserved west of the proposed skating rink between that building and the Sigma Pi fraternity which fronts on Armory Avenue; and that the Delta Phi fraternity whose house fronts on Fourth Street asks permission to use this driveway for occasional access to rear of their property.

He recommends that this privilege be granted and I concur in the recommendation.

On motion of Mr. Fisher, this privilege was granted, subject to termination by the Board at any time, on thirty days notice in writing.

#### **VACATION OF HARVEY STREET**

(13) A report that the City of Urbana has vacated that portion of Harvey Street in Urbana extending from the Illinois Traction Company's right of way south to the Boneyard, on which the University owns all of the abutting property, in accordance with the petition of the University authorized by the Board on September 20, 1928 (page 27).

This report was received for record.

**PURCHASE OF LAND IN MT. HOPE CEMETERY**

(14) The Supervising Architect reports that the Supervisors of the Town of the City of Champaign desire to sell certain land in Mt. Hope Cemetery which was dedicated to the public for pauper burial purposes at the time the cemetery was platted, for a consideration of six thousand dollars. The net area is 2.13 acres without including any portion of the surrounding streets, but the plat calls for nearly three acres which might give title to portions of the street on the north.

He recommends that this offer be accepted and I concur in this recommendation.

On motion of Mrs. Blake, this purchase was authorized and the appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**REQUEST OF PANHANDLE-ILLINOIS PIPE LINE COMPANY**

(15) The Panhandle-Illinois Pipe Line Company has requested a right of way across the south farm for a natural gas pipe line to serve the communities around the University. Their original request was for a permanent right of way which, of course, the Board of Trustees is without power to grant. The company now asks on what terms the University would permit them an easement across the campus for this pipe line.

The Legal Counsel is of the opinion that the Board should not execute the form of agreement for a right of way which the Company has submitted for the reason that it does not appear that it is deemed necessary to grant a permanent easement for right of way purposes in order in any way to aid the Board in conducting the University as an educational agency. On the other hand, he points out that it is conceivable that the grant might be directly associated with the exercise of the lawful powers of the Board although such does not appear to be the situation. He is also of the opinion that while the Board should not execute a permanent grant of right of way the Board is not precluded from giving a license upon such terms as it deems safe and revocable whenever the interests of the University require it. The Board might see its way clear to permit a pipe line across the campus in circumstances not interfering with its educational uses and subject to revocation whenever the interests of the University require such action, just as it permits the public to travel over the streets and high-ways across the campus. This would be in keeping with the policy of the Board to offer a minimum of obstruction in the way of community improvement or enterprise.

I recommend that this matter be referred to the Committee on Buildings and Grounds for consideration and report to the Board at its next meeting.

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

**GIFT OF PHOTOGRAPHS TO BOTANY DEPARTMENT**

(16) A report that I have authorized the acceptance of a collection of five hundred mounted photographs illustrating the vegetation of Western China from the John Crerar Library of Chicago, through the courtesy of Mr. J. Christian Bay, Librarian, for the use of the Department of Botany.

This report was received for record.

**GIFT OF CHICAGO BRIDGE & IRON WORKS**

(17) A report from the Dean of the College of Engineering that the Chicago Bridge & Iron Works, which has provided \$1,700 a year for certain research investigations on Biaxial Stresses and Riveted Connections, has in addition to these funds furnished specimens for testing amounting to \$4,434.26.

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND  
PURCHASE ORDERS**

(18) The following report from the Comptroller of contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER  
NOVEMBER 8, 1930, TO DECEMBER 3, 1930*

Miscellaneous contracts executed under general regulations:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular Fees	November 14, 1930	Regular instruction in Pre-Medical course to be rendered to Theodore Taylor for one year from September 19, 1930

**LLOYD MOREY,  
Comptroller**

*PURCHASE ORDERS ISSUED IN NOVEMBER NOT  
OTHERWISE REPORTED*

<i>Vendor</i>	<i>Item</i>	<i>Amount \$3000</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
The Vilter Manufacturing Company	Equipment for Experimental Ice Plant		Engineering Experiment Station	Engineering Experiment Station Water Treatment for Ice Manufacture	Competitive
Webster Manufacturing Company	Apron Conveyors	1459	Supervising Architect	Boiler House Addition	Competitive

**H. M. EDWARDS,  
Purchasing Agent**

This report was received for record.

**EXAMINATIONS FOR CERTIFIED PUBLIC ACCOUNTANTS**

(19) A recommendation from the Committee on Accountancy that the following regulations providing for the employment and compensation of assistants to the Board of Examiners in Accountancy be adopted as additions to the present regulations governing the conduct of such examinations:

*EMPLOYMENT AND COMPENSATION OF ASSISTANTS TO THE  
BOARD OF EXAMINERS IN ACCOUNTANCY*

1. *Employment of Assistants*

The University Committee may, subject to the approval of the President of the University, employ properly qualified Certified Public Accountants of senior grade and attorneys skilled in commercial law to assist the Board of Examiners.

2. *Compensation of Assistants*

The University Committee, from time to time, shall determine the basis and rate of compensation of such assistants, having in view the receipts from fees paid by candidates, the character of the service, and the public nature of the work.

3. *Submission of Bills by Assistants*

All bills submitted by assistants shall furnish reasonable details of the work done. Such bills shall be certified to as correct by the assistant concerned and the Board of Examiners and transmitted to the University Committee.

I recommend the adoption of these regulations.

On motion of Mr. Simpson, these regulations were adopted.

**PURCHASE OF FUME HOODS FOR CHEMISTRY ANNEX**

(20) The Supervising Architect submits the following bids received on fume hoods for the Chemistry Annex:

*BIDS RECEIVED ON FUME HOODS FOR THE CHEMISTRY ANNEX*

The Duriron Company on Durimet "K" finished with three coats lacquer on the exterior, f.o.b. Dayton, Ohio .....	\$12 108 00
The Harry Derrough Company on Durimet "K", 16 gauge welded joints, f.o.b. building (presumably unpainted) .....	9 000 00
On one-quarter inch thick cast aluminum one piece construction, f.o.b. building .....	5 001 00
The Adelbert Coleman Company (a division of the Kawneer Company) on combined cast and sheet aluminum, cast ends, otherwise sheet aluminum, f.o.b. Urbana .....	6 475 00
Sheldon and Company on "Shelstone" except tops of #14 gauge sheet aluminum with baked enamel on aluminum, f.o.b. Urbana .....	4 336 80
Same as above but with tops of #18 gauge Armco iron .....	3 840 00
On all asbestos lumber construction, except aluminum blades with C. I. handles, f.o.b. Urbana .....	2 976 00
Asbestos Wood Mfg. Co. Original bid, using Johns-Manville "Transite" except aluminum blades with C. I. handles, f.o.b. building .....	4 320 00
Revised bid on similar construction but including the use of thinner material for top, roof, and ends .....	3 072 00
Structural Slate Company on slate except provide aluminum blades and C. I. handles, assembled f.o.b. Urbana .....	6 000 00
Alberene Stone Company on alberene stone, except for aluminum blades and C. I. handles, f.o.b. Urbana .....	5 814 00

No stock hood met the approval of the chemistry faculty, so that one was designed and bids were secured on these hoods in various materials. Professor Roger Adams, Head of the Department of Chemistry, recommends the use of aluminum, upon which two bids have been secured—one, the lower bid, on cast aluminum and the other on a combination of cast and sheet aluminum.

The Supervising Architect believes that it is unnecessary and perhaps unwise to award a contract without having a satisfactory sample submitted and inasmuch as the proposal is for delivered material only, the equipment can be secured on a purchase order. He recommends that the Board authorize the placing of this order for aluminum hoods with the Harry Derrough Company on the basis of their bid of \$5,001 if the sample is satisfactory, and if not, with the next bidder, The Adelbert Coleman Company (a division of the Kawneer Company of Niles, Michigan) on their bid of \$6,475.00.

I concur in this recommendation.

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

**CONTRACT FOR 1930-31 ANNUAL REGISTER**

(21) The Comptroller submits the following proposals received, on the basis of uniform specifications, for printing and binding the 1930-31 Annual Register:

Illinois Printing Company, Danville .....	\$6 550 00
Rogers Printing Company, Dixon .....	7 075 00
Louis Schwab and Company, Peoria .....	7 150 00
Gentry Printing Company, Chicago .....	7 400 00
R. R. Donnelley and Sons Company, Chicago .....	7 525 00
Journal Printing Company, Springfield .....	7 680 00
W. B. Conkey and Company, Hammond, Indiana .....	7 900 00

The Director of the University Press, the Purchasing Agent, and the Comptroller recommend that the contract be placed with the Illinois Printing Company of Danville, the lowest bidder, at an estimated total cost of \$6,550.

I concur in this recommendation.

On motion of Mr. Armstrong, this contract was awarded to the lowest bidder, as recommended.

**CRAFTSMANSHIP AWARDS FOR WORK ON MEDICAL AND DENTAL  
LABORATORIES BUILDING**

(22) A recommendation from the Supervising Architect that the University join with the Architects Club of Chicago in making craftsmanship awards to mechanics in the various building trades whose work in connection with the construction of the Medical and Dental Laboratories Building has been the most skillful, intelligent, and conscientious, one such award to be made for each craft or trade represented. The prizes would consist of gold lapel buttons and would be awarded in the building just before its completion when all of the workmen on the job could be present. The total cost involved would be not more than \$500.

The plan has been successfully carried out elsewhere and seems to me very much worth while in securing greater interest on the part of the craftsmen in their work.

This matter was referred to the President of the University for further investigation and report.

**RESOLUTION CONCERNING PROPOSED MINERAL INDUSTRIES  
BUILDING**

(23) The following resolution from the Illinois Chamber of Commerce:

*RESOLUTION ADOPTED BY THE ILLINOIS  
CHAMBER OF COMMERCE*

At Its Regular Meeting on Friday, November 21, 1930.

*BE IT RESOLVED:*

In view of the primary importance of the mineral resources existent in the State of Illinois and the great possibilities that lie in scientific research as applied to these resources, the Administrative Committee of the Illinois Chamber of Commerce does hereby unanimously endorse the movement to establish at the University of Illinois, as a part thereof, a State Mineral Industries Building to house the comprehensive research work of the state geological survey and teaching services of the Department of Geology,—said State Mineral Industries Building to be financed by appropriation by the State of Illinois.

In adopting this resolution, we are mindful of the fact that the mineral resources of the State of Illinois are to play an important part in its continued development, that in scientific research there lies the possibility of rectifying unfavorable economic conditions which affect the State, as are so plainly exemplified today in the coal industry. We are very glad indeed in the circumstances to endorse this project and express the hope that it may become an actuality.

J. PAUL CLAYTON  
*President*

O. G. FERRIS  
*Secretary*

This resolution was received for record.

**BUILDING PROGRAM**

(24) A statement concerning the building program of the University.

On motion of Mr. Trees, this matter was referred to the President of the University for further study and report at the next meeting of the Board.

**DATE OF JANUARY MEETING**

On motion of Mr. Trees, it was voted to hold the January meeting at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Friday, January 9, 1931.

**PRESIDENT'S HOUSE**

On request of President Barr, Professor White presented a recommendation that an additional appropriation of \$8,000 be made for the President's house.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Blake, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**RECOMMENDATIONS OF THE COMMITTEE ON LANDSCAPING THE CAMPUS AT MEETING HELD DECEMBER 8, 1930**

Mrs. Blake presented the following report:

The committee recommends that the Department of Horticulture determine its arboretum requirements and consult with Mr. Platt and Mr. Vitale in the preparation of a landscaping plan for the arboretum development to be submitted to the Board.

In view of the Board's decision not to pave certain important streets on the campus, the committee recommends that the Board establish the policy of putting in concrete curbing on the streets and request Professor White's recommendations as to carrying out such policy.

In view of the planting requirements of the University's landscaping plans and the desirability of raising this material ourselves at low cost, the committee recommends that six to ten acres more be allotted for nursery purposes.

On motion of Dr. Noble, these recommendations were adopted.

**COMMITTEE ON BUILDINGS AND GROUNDS**

Mr. Armstrong, for the Committee on Buildings and Grounds, made a report of progress on the consideration of the use of the Noyes house, and presented the following recommendations.

**GOLF COURSE**

A recommendation that Professor White's plan of development of the golf course south, and west of the Stadium, taking in possibly 25 acres of the forty-acre pasture to the south, and such portion of the area between First Street and the Illinois Central, to the west, as may be necessary to secure a good course, be approved, and that Mr. Huff be authorized to develop the course on this area, at the expense of the Athletic Association; further that the City of Champaign be requested to vacate Florida Avenue from First Street to Fourth Street, in consideration of the opening by the University of a new avenue across the forty acres further south, the exact location and direction of the avenue to be determined as the studies for the golf course develop.

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

**HARDWARE FOR PRESIDENT'S HOUSE**

A further recommendation from the Committee that the contract for the hardware for the President's house be awarded to the Midwest Hardware Company, the lowest bidders, on the basis of their bid of \$2,000.

On motion of Mr. Armstrong, this recommendation was adopted. President Barr requested Mr. Fisher to take the chair.

**NAMING OF STREETS AND DRIVES**

Mr. Barr, for the special committee on naming campus streets and drives, presented a recommendation that the drive just west of the Chemistry and Agriculture buildings be named Draper Drive.

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

### APPOINTMENTS MADE BY THE PRESIDENT

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

Almquist, C. O., Instructor in Surgery, in the College of Medicine, beginning November 15, 1930, and continuing until September 1, 1931, without salary. (November 28, 1930)<sup>1</sup>

Bancroft, Burton Richard, Assistant in Anatomy, in the College of Medicine, on one-fourth time, beginning November 15, 1930, and continuing until June 1, 1931, without salary. (November 28, 1930)

Brosnahan, Mary, Typist in the Auditor's Division of the Business Office, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (November 17, 1930)

DePue, James Marshall, Instructor in Anatomy, in the Department of Zoology, for five months beginning February 1, 1931, at a cash compensation at the rate of three hundred sixty dollars (\$360) a month. (December 5, 1930)

Lowery, Clarana Elizabeth, Typist in the Auditor's Division of the Business Office, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (November 17, 1930)

Malcolm, Robert Bruce, Associate in Surgery, in the College of Medicine, beginning November 15, 1930, and continuing until September 1, 1931, without salary. (December 1, 1930)

Murch, Edith, Extension Specialist in Landscape Architecture (with the rank of Associate), in the Department of Horticulture, in the Agricultural Extension Service, for eight months beginning January 1, 1931, at a cash compensation at the rate of two hundred dollars (\$200) a month. (December 1, 1930)

Noelck, Richard A., Technician in the Laboratory of Physiological Chemistry, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for ten months beginning November 1, 1930, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 24, 1930)

Oneal, Mrs. Mary, Typist in the Business Office, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (November 17, 1930)

Randall, G. S., Assistant in Junior Club Work, in the Agricultural Extension Service, in the College of Agriculture, for nine months beginning December 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month (this supersedes his previous appointment). (November 20, 1930)

Rheingold, Joseph Cyrus, Resident in the Department of Neurology and Psychiatry, in the College of Medicine, for seven months beginning December 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (December 3, 1930)

Sarma, P. Joseph, Associate in Surgery, in the College of Medicine, for ten months beginning November 1, 1930, without salary. (November 24, 1930)

Schuck, Evelyn Caroline, Typist and Filing Clerk in the Order Department of the Library, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (December 1, 1930)

Wood, Raymond, Typist in the Business Office, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes his previous appointment). (November 17, 1930)

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

GEORGE A. BARR

*President*

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

# MEETING OF THE BOARD OF TRUSTEES

OF THE

# UNIVERSITY OF ILLINOIS

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January 9, 1931



The January 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. on Friday, January 9, 1931. The following members were present: President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees. Mrs. Hopkins, elected in November to serve the unexpired term of Mrs. Busey, took her place with the Board for the first time; Mrs. Blake, retiring member, was present until noon.

President Chase was present; also Professor J. M. White, Supervising Architect.

#### MINUTES APPROVED

The Secretary presented the minutes of the meeting of December 9, 1930. On motion of Dr. Noble, the minutes were approved as printed on pages 125 to 134 above.

**AMENDMENT TO BY-LAWS**

President Barr, for the special committee to consider the committee organization of the Board, presented a proposed amendment revising the list of committees. This amendment was adopted later in the day (see page 145).

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**COOPERATIVE RESEARCH ON STEEL RAILS**

- (1) A proposed agreement for an investigation of fissures in steel rails.  
Action on this matter was deferred.

**CENTURY OF PROGRESS EXPOSITION**

(Chicago World's Fair Centennial Celebration)

- (2) The question has come up of the participation of the University in the program of the Chicago World's Fair Centennial Celebration in 1933. I have invited Mr. Harvey J. Sconce, Chief of the Agricultural Division of the celebration, to meet with the Board today to present a proposed program for the University and to discuss this matter.

Mr. Sconce made a statement outlining the proposed exhibits. The Board expressed approval of the plan in general.

**APPOINTMENT OF RÉGIS MICHAUD AS PROFESSOR OF ROMANCE LANGUAGES**

- (3) A report of the appointment of Mr. Régis Michaud, at present visiting Professor in the Department of Romance Languages, as Professor of Romance Languages on indefinite tenure beginning September 1, 1931, at a salary of sixty-five hundred dollars a year.

On motion of Mr. Trees, this appointment was approved.

**SUPPLEMENTARY SPECIAL NON-RECURRING APPROPRIATIONS FOR 1930-31**

- (4) A recommendation that the following non-recurring appropriations be made from the Reserve and Contingent Fund to supplement special appropriations made on June 18, 1930 (Minutes, page 693), on condition that any unexpended balance remaining on June 30, 1931, will lapse into general funds:

*DEPARTMENTAL AND GENERAL*

1. Liberal Arts and Sciences			
Equipment for various departments.....		\$	3 000
2. Commerce			
Bureau of Business Research, additional research projects.....			3 000
3. Engineering			
Equipment for various departments.....		10	000
4. Agriculture			
Equipment for various departments.....		5	000
5. Law			
Books and other publications for Law Library.....		2	500
6. Medicine			
Equipment for work in Orthopedics and Psychiatry		5	000
7. Library			
Books, periodicals, public documents, and other publications.....	\$	10	000
Shelving, wiring, furniture, and books for general reading or "browsing" room for students.....	2	500	12 500
8. Visiting Professorships and Lectures.....		2	000
9. Art Collection.....		3	000
		<u>3</u>	<u>000</u>
			\$46 000

*PHYSICAL PLANT EXTENSION*

Grounds Department			
Curbs on Campus drives.....	\$ 8 000		
Retaining wall at coal yard.....	4 000	\$12 000	
Building Projects			
Chemical Laboratory, remodeling of space vacated by transfer of elementary work to Annex.....	\$20 000		
Handball courts in Men's Gymnasium (Athletic Association will pay half of total cost which will be \$20,000).....	10 000		
Acoustical corrections in various buildings.....	12 000		
Enlargement of Engineering Library.....	10 500	52 500	\$64 500
<i>Total</i> .....			\$110 500

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mr. Fisher.

**ADJUSTMENT IN BUDGET**

(5) A recommendation that an appropriation of twelve hundred dollars be made from the unappropriated balance in the income for the current year to the College of Medicine for the salary of an additional physiotherapist at one hundred fifty dollars a month, beginning January 1, 1931.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mr. Fisher.

**LEAVE OF ABSENCE FOR PROFESSOR ARTHUR BERESFORD**

(6) A recommendation from the Director of the School of Music that Assistant Professor Arthur Beresford be given sick leave of absence on full pay from January 5 to August 31, 1931.

If he is given leave of absence on full pay, an additional appropriation will be necessary because the present members of the staff cannot take over all of his work. I recommend that Professor Beresford be given this leave on full pay and that the sum of five hundred dollars, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund to the School of Music for additional salaries.

On motion of Mrs. Grigsby, this recommendation was adopted, by the following vote: Aye, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mr. Fisher.

**CONTRACT FOR LABORATORY EQUIPMENT FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(7) The Supervising Architect submits the following schedule of bids opened on January 2 for the general laboratory equipment for the Medical and Dental Laboratories Building:

*BIDS ON LABORATORY EQUIPMENT OPENED JANUARY 2, 1931*

W. W. Kimball & Company.....	\$ 58 126 80
Kewanee Mfg. Company.....	107 015 80
E. H. Sheldon Company.....	119 979 00
Walrus Mfg. Company.....	130 569 15
W. M. Welch Mfg. Company.....	133 209 63
Leonard Peterson Company.....	147 843 00
Bid from General Fireproofing Company received January 7, 1931, on all-steel equipment.....	139 500 00
W. W. Kimball and Company corrected bid submitted after bids had been publicly opened.....	97 073 30

He recommends that inasmuch as the Kimball Company's low bid was obviously due to an error on the part of its estimating department, the Company be permitted to withdraw its bid without penalty and that the contract be awarded to the then lowest bidder, the Kewanee Manufacturing Company, on the basis of its bid of \$107,015.80.

I concur in this recommendation.

On motion of Mr. Simpson, the revised bid of W. W. Kimball & Co., was rejected.

On motion of Dr. Noble, this contract<sup>1</sup> was awarded to the Kewanee Manufacturing Company, the lowest bidder, as recommended. During the discussion of this matter, President Barr asked Mrs. Grigsby to take the chair for a time, while he spoke on the motion. On motion of Mr. Simpson, it was voted to retain the certified check presented by the Kimball Company, for liquidated damages.

**CONTRACT FOR X-RAY EQUIPMENT FOR MEDICAL AND  
DENTAL LABORATORIES BUILDING**

(8) The Supervising Architect submits the following schedule of bids, opened on December 10, on x-ray equipment for the Medical and Dental Laboratories building:

*On Shock-Proof Equipment*

(a) General Electric Corporation.....	\$4 781 70
(b) Standard X-Ray Company (10% discount for cash 10 days from date of delivery).....	4 741 00
(c) Aurora X-Ray Company <sup>2</sup> (10% discount for cash).....	5 360 50

*On Equipment Without the Shock-Proof Features*

(d) Standard X-Ray Company (10% discount for cash).....	3 488 30
(e) The Kelley-Koett Manufacturing Company.....	3 386 00
(f) Standard X-Ray Company using a smaller fluoroscopic screen (10% discount for cash).....	2 988 30

The Medical faculty and Professor G. L. Clark of the Department of Chemistry, who was consulted as an x-ray expert, join the Supervising Architect in recommending that the contract be awarded to the General Electric Corporation on the basis of their bid of \$4,781.70. While this is not the lowest bid, the equipment offered by the General Electric Corporation is superior, for our purpose, to the equipment offered by the other bidders (as stated in the report of a committee of the Medical faculty attached hereto), and the equipment is so shielded within its own housing that lead lining of the walls and the use of lead glass screens is unnecessary.

I concur in this recommendation.

Action on this matter was deferred until later in the day, because of the request of a representative of the Standard X-Ray Company to be heard on the matter (see page 143).

**CANCELATION OF CONTRACT WITH CROP PROTECTION INSTITUTE**

(9) On May 9, 1930 (Minutes, page 584), the Board authorized the execution of an agreement with the Crop Protection Institute of Durham, New Hampshire, for a cooperative investigation to determine the insecticidal and fungicidal effects of certain oil spray combinations. This agreement was to run from May 1, 1930, to May 1, 1931, and the funds were to be provided by the Midwest Chemical Company. Since entering into this agreement the Company has failed in its payments to the University for the prosecution of this work. The Dean of the College of Agriculture recommends that this agreement be canceled, and I concur in the recommendation.

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

<sup>1</sup>See action February 6, 1931, page 176.

<sup>2</sup>Bid received after others were opened.

**CHANGES IN CONTRACT FOR BOILER HOUSE ADDITION**

(10) A report that the original contract with A. W. Stoolman of Champaign for general work on the Boiler House Addition was increased by changed orders from the Supervising Architect from \$7,500 to \$15,000 on November 4, and to \$20,000 on December 5.

This report was received for record.

**DEPARTMENT OF PUBLIC WELFARE**

(11) A report of progress in the negotiations with the Department of Public Welfare.

This report was received for record.

**RESOLUTION CONCERNING MEDICO-LEGAL INSTITUTE**

(12) The following communication from George H. Coleman, Secretary of the Institute of Medicine of Chicago:

*Hon. Harry Woodburn Chase, President, The University of Illinois*

DEAR MR. PRESIDENT:

At the fifteenth annual meeting of the Board of Governors of the Institute of Medicine of Chicago, held Wednesday, December 3, 1930, the following motion was unanimously adopted:

"That the secretary of the Board of Governors transmit to the President of the University of Illinois a request that the establishment of a State Medico-Legal Institute under University auspices be considered by the Board of Trustees of the University. In the opinion of the Board of Governors, the present time seems propitious for the establishment of an Institute to co-ordinate medico-legal activities of the community and to form a national focus about which reform in medico-legal procedure might be initiated and centered."

Dr. William Petersen, University of Illinois Medical School and a member of the Board of Governors of the Institute of Medicine, is the Chairman of our committee on medico-legal problems and has given this problem much thought.

Very truly yours,

GEO. H. COLEMAN  
*Secretary*

This report was received for record.

**CANADIAN PATENT ON PREVENTION OF EMBRITTELEMENT  
IN STEAM BOILERS**

(13) At the meeting of the Board of Trustees on November 14, 1930, I submitted a report from the Secretary of the Board that he has received from the University's patent attorneys, original Canadian Letters Patent No. 304,547, issued on October 7, 1930, to the Board of Trustees as assignee of S. W. Parr and F. B. Straub, covering a process for the prevention of embrittlement in steam boilers.

I recommend that this report be printed in the Minutes as a matter of record.

This report was received for record.

**APPROVAL OF REQUISITIONS FOR VARIOUS PURCHASES**

(14) A report of the approval of the following purchases, amounting to one thousand dollars or over:

1. One carload of book paper for the Annual Register at a price of \$5.75 cwt. from the Dwight Brothers Paper Company, 626-636 South Clark Street, Chicago, at a total cost of approximately \$2,100.

2. One carload of lumber for the Physical Plant Storeroom from T. A. Foley Lumber Company, Paris, Illinois, low bidder on this wood, at a cost of \$1,525. This material is to be used in various building, repairing, and other jobs for which funds have been provided through appropriations to various departments.

3. Pyrex laboratory glassware for the General Chemical Stores from the Central Scientific Company at \$2,080.79. This purchase was made on the basis of quotations secured by the Purchasing Agent from various firms, the Central Scientific Company being the low bidder. Funds for this equipment are provided in the budgets of the various departments that will use it.

4. Ice-making equipment for the experimental ice plant, to be used in connection with the investigation of water treatment for ice manufacture, from the Vilter Manufacturing Company, low bidder, at a cost of \$3,000; the expense to be charged to the special fund provided by the Utilities Research Commission for this investigation.

5. Breeching for new stack at Boiler House, to be fabricated according to specifications submitted by the Supervising Architect, from the Mississippi Valley Structural Steel Company of Decatur at a price of \$1,127.

6. Wrought iron pipe and cast iron water mains for the new filtration plant from Field and Shorb Company, Decatur, the low bidders on this equipment, at a total cost of \$4,490, f.o.b. Urbana.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

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

1. From the Certified Milk Producers Association the sum of \$1,200 and from the Brook Hill Farm of Genesee Depot, Wisconsin, the sum of \$300, for the study of the toxins of the streptococcus epidemicus which was authorized by the Board of Trustees on December 4, 1929 (Minutes, page 451).

2. From E. I. du Pont de Nemours & Company a \$750-fellowship in Chemistry for the academic year 1931-32. This is a renewal of the fellowship which this Company has been providing for several years.

3. From the International Harvester Company a replica of the McCormick Reaper of 1831 to be used as a museum piece.

4. From Doctor R. M. Curtiss of Marengo a Zeiss microscope, some medical books, some laboratory apparatus, and a collection of pathological slides for the use of the College of Medicine.

This report was received for record.

#### GIFTS OF ILLINOIS GAS ASSOCIATION

(16) The Illinois Gas Association has assigned twelve hundred dollars to the University to be applied toward the salaries of two research graduate assistants in the Engineering Experiment Station. This represents the repetition of a gift inaugurated in 1916-1917. For purposes of record I submit the following list of contributions of the Illinois Gas Association for this purpose from 1916 to date:

1916-17.....\$ 500	1923-24.....\$1200	1927-28.....\$1200
1919-20..... 1040	1924-25..... 1200	1928-29..... 1200
1921-22..... 900	1925-26..... 1200	1929-30..... 1320
1922-23..... 1200	1926-27..... 1200	1930-31..... 1200
<i>Total</i> .....		<u>\$13360</u>

This report was received for record.

#### REPORT OF COMMITTEE ON ACCOUNTANCY

(17) The following annual report of the University Committee on Accountancy for the year ended June 30, 1930:

*Dr. H. W. Chase, President*

DEAR MR. PRESIDENT:

The University Committee on Accountancy respectfully submits herewith a report of its work for the year ended June 30, 1930.

#### PERSONNEL

The membership of the University Committee has been as follows: Professor M. H. Robinson, Chairman; Professor W. E. Britton, Registrar G. P. Tuttle, Secretary, *ex-officio*. Mr. D. A. Grossman, Examiner in the Registrar's Office, has served again as Clerk of the Committee.

The University Committee recommended the appointment of Mr. John Medlock of the firm of Price, Waterhouse and Company of Chicago to the Board of Examiners to succeed Mr. Harold Benington whose term expired June 30, 1929. President Kinley presented his name to the Board of Trustees, the Board approved the appointment and Mr. Medlock accepted it. The organization of the Board has been as follows:

Mr. Eric L. Kohler, C.P.A., Chairman  
 Mr. John Medlock, C.P.A., Secretary  
 Mr. Herbert Pope, LL.B.

#### EXAMINATIONS

Two examinations have been held during the year, one on November 12 and 13, 1929, and one on May 15 and 16, 1930. The statistics for these examinations are as follows:

##### *November, 1929, Examination*

Number of Candidates.....		197
Number that passed in all subjects.....	7	
Number that passed in one or two subjects on re-examination under Rule 33.....	13	
Total number who received certificates.....	20	

##### *May, 1930, Examination*

Number of Candidates.....		289
Number that passed in all subjects.....	12	
Number that passed in one or two subjects on re-examination under Rule 33.....	17	
Total number who received certificates.....	29	
Total number of certificates issued during the year.....		49

Below are listed the names of persons awarded the C.P.A. certificate during the year:

##### *November, 1929*

<i>Name</i>	<i>Cert. No.</i>	<i>Name</i>	<i>Cert. No.</i>
MELVIN V. ANDERSON.....	867	JOSEPH PELEJ.....	877
OTTO BAUMGARTNER.....	868	ROBERT PENN.....	878
PERSIE GORDON BEENE.....	869	GEORGE OTTO PODD.....	879
CARL ROEDEL CALDWELL.....	870	NICHOLAS CLEMENS SCHOMMER, JR.....	880
WILLIAM R. CORSON.....	871	CHARLES J. SCHUTZ.....	881
ALBERT FERBER.....	872	BARCLAY J. SICKLER.....	882
ARTHUR FREDERICK FORAN.....	873	FRANCIS WATTERS SMITH.....	883
ADOLPH ROBERT HAYES.....	874	BERNARD HENRY TRAUT.....	884
EDWARD JAMES MCGEOUGH.....	875	NEWTON VAN DERVEER WAGNER.....	885
ROY C. OLSON.....	876	MAXWELL ROSS YAHR.....	886

##### *May, 1930*

EARLE DICKINSON ATWATER.....	887	KENNETH EVERETT MILLER.....	902
VICTOR ORLANDO BERGQUIST.....	888	FORREST G. PADDOCK.....	903
MARTIN LEE BLACK, JR.....	889	JAMES GLADSTONE PHILLIPS.....	904
CLARENCE BAILEY COX.....	890	SAMUEL A. SAKALSKY.....	905
ARTHUR CLARENCE DROEGEMUELLER.....	891	RALPH HUGH SCHUETTE.....	906
HOMER LLOYD DRULEY.....	892	LESTER CHARLES SIMONS.....	907
ROBERT GILMAN ELY.....	893	LEE JAMES SKONER.....	908
RUSSELL JOHN FOX.....	894	KENNETH LEE SMITH.....	909
WALTER FREDERICK FRESE.....	895	BERNARD MARTIN VAUGHAN.....	910
SIDNEY GORDON GLAYSHER.....	896	ARTHUR R. WEINSTEIN.....	911
MORTON F. HASLACHER.....	897	HERMAN WENDORF.....	912
CHARLES GEORGE KAISER.....	898	CLINTON EDWARD WINKLER.....	913
CHARLES PAUL KRIES.....	899	ARTHUR W. ZIMMERMAN.....	914
JAMES PATRICK LINNEN.....	900	RUSSELL A. ZIMMERMAN.....	915
GAZE E. LUKAS.....	901		

## FINANCIAL STATEMENT

The balance on hand at the beginning of the present fiscal year was \$26,948.37. The receipts for the year were \$10,501.25. The total disbursements were \$7,294.08. The balance at the close of the fiscal year was \$30,155.54.  
A complete financial statement for the year is attached.

Respectfully submitted,

UNIVERSITY COMMITTEE ON ACCOUNTANCY  
MAURICE H. ROBINSON  
*Chairman*  
G. P. TUTTLE  
*Secretary*

## FINANCIAL STATEMENT

July 1, 1929, to June 30, 1930

*Receipts*

Examination Fees.....	\$10 625 00	
Less refunds.....	236 25	\$10 388 75
Sale of Questions.....		47 50
Fee for Duplicate Certificate.....		5 00
American Institute (refund on fees).....		60 00
<i>Total Receipts</i> .....		\$10 501 25

*Expenses*

Payment to Board of Examiners.....	\$ 3 888 38	
Stenographic and Clerical.....	2 287 28	
Printing and Publication.....	238 10	
Travel.....	303 61	
Office Supplies and Equipment.....	32 01	
Postage.....	80 00	
Advertising.....	101 10	
Telephone, Telegraph, Freight & Express.....	47 70	
Rentals.....	300 00	
<i>Total Expenses</i> .....	7 278 18	
Bill charged but not yet paid.....	15 90	\$ 7 294 08
Excess of receipts over expenses.....		\$ 3 207 17
Business Office Balance July 1, 1929.....		\$26 665 05
Plus Account transferred to Entrance Examinations.....		283 32
Correct Business Office Balance July 1, 1929.....		26 948 37
Excess receipts over expenses.....		3 207 17
		\$30 155 54

This report was received for record.

## FACULTY COMMITTEE ON PATENTS

(18) In accordance with the recommendation of the Committee on Patents of the Board of Trustees that a patent committee be appointed from the faculty of the University to serve as a working committee and to confer regarding matters of policy with the Board committee, I report that the following committee has been appointed:

Professor S. W. PARR, *Chairman*  
Professor JAMES M. WHITE  
Professor E. C. SCHMIDT  
Professor H. P. RUSK  
Judge SVEINBJORN JOHNSON

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS**

(20) The following report from the Comptroller of contracts executed since the last report:

**CONTRACTS EXECUTED BY THE COMPTROLLER  
DECEMBER 3, 1930, TO JANUARY 3, 1931**

Contract executed on special authorization of the Board of Trustees in meeting of December 9, 1930 (Minutes, page 131):

<i>Name</i>	<i>Amount Estimated</i>	<i>Date</i>	<i>Item</i>
Illinois Printing Company	\$7 000	December 17, 1930	Printing and binding, 24 000 copies of 1930-31 Annual Register

Lease executed under general regulations:

<i>Leased from</i>	<i>Property</i>	<i>Rental to be paid by the University</i>	<i>Date</i>	<i>Tenure</i>
Fairview Park Cemetery Association (Renewal)	36.25 acres of land near DeKalb, Ill.	\$362.50 Annually	November 29, 1930	January 1, 1931 to December 31, 1935

Minor contract executed under general regulations:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Peoples Gas, Light and Coke Company	Cost to be billed to United Plumbing and Heating Co.	December 5, 1930	Installation of gas service for Medical and Dental College Laboratories

LLOYD MOREY  
Comptroller

This report was received for record.

**AGREEMENTS FOR COOPERATIVE INVESTIGATIONS**

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

1. Agreement with the Gibson Canning Company of Gibson City, Illinois, for a study by the Agricultural Experiment Station of the factors which determine the best development of certain types of vegetables. This agreement is for a period of three years, beginning January 15, 1931, and the company agrees to pay the sum of five thousand dollars per year on or before the first day of February each year during the period of the contract, in addition to furnishing all land, labor, seed, and other materials required for carrying on this investigation.

2. Agreement with the Portland Cement Association and the Concrete Masonry Association for an investigation of the stability of concrete masonry walls by the Engineering Experiment Station. The agreement is for a period of one year, beginning January 1, 1931, and the cooperating agencies agree to pay the sum of five thousand dollars to cover the expenses of this investigation.

These agreements are of the form and character of similar agreements hitherto approved by the Board.

These agreements were approved.

**PROPOSED JOURNALISM BUILDING**

(22) A report that an investigation of the work in Journalism did not show that the proposed building was one of the most pressing needs of the University at this time.

This report was received for record.

**PROPOSED APPROPRIATION FOR ALUMNI ASSOCIATION**

(23) A request from the Alumni Association for an appropriation of \$4600 to increase the usefulness of the Association.

Action on this request was deferred.

**CONTRACT FOR X-RAY APPARATUS**

At this point, the Supervising Architect reported that he had made many fruitless attempts during the day to get in touch with the repre-

sentative of the Standard X-Ray Company, who had requested a hearing.

On motion of Dr. Noble, the contract for x-ray apparatus for the Medical and Dental Laboratories Building was awarded to the General Electric Corporation on their bid of \$4781.70, on the ground that this apparatus seemed the most efficient and safest.

Later in the day, just before adjournment, Mr. C. E. Rohrer, representing the Standard Company, appeared and made a statement of the reasons why he thought the Board should award the contract to his company. The Board took no further action on this matter.

#### **PURCHASES FOR PRESIDENT'S HOUSE**

Mrs. Evans reported that the special committee on furnishings for the President's House had purchased crystal ware, china, linen, and silver amounting to \$3817.21.

This report was received for record.

#### **ALUMNI FOUNDATION**

President Barr, for the Committee on Alumni Foundation, made a report of progress.

#### **PRESIDENT PRO TEMPORE**

President Barr announced that he expected to be absent from his office and from the State from the end of January until some time in March, and requested that the Board appoint a member to act as President during Mr. Barr's absence. On motion of Dr. Noble, the following resolution was adopted:

*Whereas*, George A. Barr, President of the Board of Trustees, has signified his intention to be absent from his office and from the State for a period of several weeks beginning in January, 1931,

*Be it Resolved*, That Frank H. Simpson, a duly elected and qualified member of this Board of Trustees, be, and he is hereby, appointed to act as President of this Board during the absence, if he is absent, of George A. Barr from the State, in January, February, and March, 1931, with full power to do all things pertaining to the business of the University which the said George A. Barr as President of the Board may now lawfully do.

#### **ACTING CHAIRMAN OF THE FINANCE COMMITTEE**

Mr. Trees reported that he would be absent from the country for several weeks, and requested that some one be designated to act as Chairman of the Finance Committee in his absence.

President Barr designated Mr. Fisher to act as Chairman of the Finance Committee during the absence of Mr. Trees.

#### **EXTENSION OF INTEREST ON HART MORTGAGE**

Mr. Trees, for the Finance Committee, presented a recommendation that a request of Mr. M. M. Hart for an extension of sixty days in the time for payment of interest on his mortgage loan be granted.

On motion of Mr. Trees, this request was granted, and the matter was referred to the President of the University to handle with the assistance of the Legal Counsel.

**INAUGURATION OF PRESIDENT CHASE**

On motion of Mr. Trees, an appropriation of \$7500, or so much thereof as may be necessary, was made from the Reserve and Contingent fund to meet the expenses of the inauguration of President Chase. The vote was as follows: Aye, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mr. Fisher.

**BY-LAWS ON COMMITTEES AMENDED**

On motion of Mr. Trees, the By-Laws of the Board were amended to make Section 6 of Article IV read as printed below. The amendment was adopted by the following vote: Aye, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mr. Fisher.

**ARTICLE IV—COMMITTEES OF THE BOARD**

Sec. 6. The following shall constitute the regular or standing committees of the Board and the members thereof shall hold office for one year or until their successors are appointed:

- Five Board members—
  - Buildings and Grounds
- Three Board members each—
  - Finance
  - Patents
  - Chicago Departments
  - Students' Welfare
  - Affiliated Student Activities
  - Alumni
  - Agriculture

This amendment is effective in March, 1931.

**FINANCIAL ORGANIZATION**

Mr. Trees, for the Finance Committee, reported progress on the consideration of the financial organization of the University.

**CONTRACT WITH URBANA LABORATORIES**

Dr. Noble, for the Committee on Patents, made a report of progress and recommended that the contract with the Urbana Laboratories for the manufacture and sale of the solution known as Hi-Lo-Fosphate be renewed for a period of two years from December 31, 1930, but modified by a provision permitting other educational institutions to manufacture the solution for experimental use.

On motion of Dr. Noble, this recommendation was adopted.

**MRS. HOPKINS APPOINTED TO COMMITTEES**

President Barr reported his action appointing Mrs. Hopkins to serve on the standing committees on Chicago Departments and Student Welfare, and on the special committee on the inauguration of President Chase, and as Chairman of the Committee on Landscaping.

**GOLF COURSE**

Professor White presented a report of progress on the plans for the golf course.

**DATE OF FEBRUARY MEETING**

It was voted that the February meeting be held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Thursday, February 5, 1931.

**REPORT OF MEDICAL DEGREES**

The Secretary presented for record the following list of degrees of Doctor of Medicine conferred since July 1, 1930.

JAMES SLOAN ALTMAN, B.S.—October 25, 1930  
 CHARLES EDWARD BOYLAN—January 1, 1931  
 ROOSEVELT BROOKS—August 4, 1930  
 ALEXANDER LEON BROWN—December 10, 1930  
 FRANCES ALMEDA CLINE, B.S.—September 1, 1930  
 MORRIS FEINSTEIN—January 1, 1931  
 IRVING BENWITH FERRIAS, B.S.—September 1, 1930  
 LOUIS JACOB GOGOL, B.S.—January 1, 1931  
 NOEL EUGENE GORDON, B.S.—November 15, 1930  
 DAVID HERSTEIN—August 15, 1930  
 ERNEST QUONG KING—January 15, 1931  
 OTTO GUSTAV KLEIN, B.S.—January 1, 1931  
 GUSTAV RICHARD LAUBE—August 10, 1930  
 ADELINA FLORENCE LOBRAICO, B.S.—January 1, 1931  
 DAVID MANSOWITZ, B.S.—January 1, 1931  
 DONALD GLENN MERSHON, B.S.—September 1, 1930  
 MAX MALCOLM MONTGOMERY—January 1, 1931  
 RANDALL B. MORELAND—July 1, 1930  
 FRANK EMIL NAGEL, JR.—October 10, 1930  
 CLEMENT PAUL O'NEILL, B.S.—January 1, 1931  
 WELTON EDWIN RICHBURG—November 1, 1930  
 CARMEN FRANCIS RUSSO—January 1, 1931  
 ALLEN LUCIEN SABIN—September 5, 1930  
 SIDNEY SCHREIBER, B.S.—January 1, 1931  
 ARTHUR LOUIS SHAFTON—January 1, 1931  
 FRED SHAPIRO, B.S.—January 1, 1931  
 HAROLD SHELOW, B.S.—January 1, 1931  
 PAUL JOSEPH STARCEVICH—August 15, 1930  
 FRED D. STONE, B.S.—January 1, 1931  
 ANDREW JOHN TOMAN, B.S.—January 1, 1931  
 LOUIS CLIDE YOUNG—September 17, 1930

**APPOINTMENTS MADE BY THE PRESIDENT**

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

De Trana, George Edward, Assistant in Medicine, in the Department of Internal Medicine, in the College of Medicine, beginning January 10, 1931, and continuing until September 1, 1931, without salary. (January 9, 1931)<sup>1</sup>

Doak, John, Assistant Superintendent of Building Construction, for eight months beginning January 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of three hundred dollars (\$300) a month (this supercedes his previous appointment). (January 3, 1931)

Findlay, Ephraim Kirkpatrick, Professor of Ophthalmology, in the College of Medicine, for nine months beginning December 1, 1930, without salary. (December 30, 1930)

Fitzsimmons, Cleo, District Junior Club Leader in Home Economics Extension, in the Agricultural Extension Service, for eight months beginning January 1, 1931, at a cash compensation at the rate of two hundred fifty-eight dollars and thirty-three cents (\$258.33) a month, which includes auto expenses at five cents per mile actually traveled. (December 11, 1930)

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

Forker, Mrs. Iva Brennen, Stenographer in Home Economics Extension, in the College of Agriculture, for nine months beginning December 1, 1930, at a cash compensation at the rate of ninety dollars (\$90) a month. (December 23, 1930)

Kaplin, Lester D., Instructor in Prosthetic Dentistry, in the College of Dentistry, on one-half time, for eight months beginning January 1, 1931, at a cash compensation at the rate of ninety-one dollars and sixty-seven cents (\$91.67) a month (this supersedes his previous appointment). (January 9, 1931)

Knudtson, Kermit F., Associate in Prosthetic Dentistry, in the College of Dentistry, on one-fourth time, for eight months beginning January 1, 1931, at a cash compensation at the rate of fifty-four dollars and seventeen cents (\$54.17) a month (this supersedes his previous appointment). (January 9, 1931)

Obando, Mrs. Helen, Stenographer in the Department of Farm Organization and Management, in the Agricultural Experiment Station, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (December 12, 1930)

Osenburg, Frederic Charles, Assistant in English, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (January 9, 1931)

Peterson, Lewis V., Assistant in Education, on one-half time, beginning February 11, 1931, and continuing until June 11, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (December 16, 1930)

Schwartz, Margaret Frances, Clerk in the Department of Dairy Husbandry, in the College of Agriculture, for nine months beginning December 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (December 9, 1930)

Sears, Helen Louise, Stenographer in the College of Agriculture, for nine months beginning December 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 9, 1930)

Shaughnessy, Howard John, Assistant Professor of Bacteriology and Public Health, in the Department of Bacteriology, in the College of Medicine, for eight months beginning January 1, 1931, without salary. (December 22, 1930)

Spivek, Mandel Lawrence, Resident in the Department of Pediatrics, in the College of Medicine, for six months beginning January 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (December 22, 1930)

Sutherland, Kathryn Janie, Instructor in Voice, in the School of Music, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (December 11, 1930)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

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

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**February 5, 6, 1931**



The February 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. on Thursday, February 5, 1931. When the Board convened, the following members were present: Mr. Armstrong, Mrs. Evans, Mr. Fisher, Dr. Noble; Mrs. Hopkins came later in the forenoon.

Mr. A. J. Janata, Assistant to the President, was present, representing President Chase; also Professor J. M. White and Judge Sveinbjorn Johnson, Legal Counsel.

On motion of Dr. Noble, Mr. Armstrong was elected Chairman. As there was no quorum, a recess was taken.

**EXECUTIVE COMMITTEE MEETING,  
FEBRUARY 5, 1931**

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10:15 a.m. on Thursday, February 5, 1931. Mr. J. W. Armstrong and Mrs. Laura B. Evans, members of the Committee, were present; also Mr. W. T. Fisher, Mrs. Marjorie R. Hopkins, and Dr. W. L. Noble, members of the Board, and Mr. Janata, Professor White, and Judge Johnson.

Mr. Armstrong acted as Chairman.

**MATTERS PRESENTED FOR PRESIDENT CHASE**

The Executive Committee considered the following matters presented by Mr. Janata, acting for the President of the University.

**APPROPRIATION FOR ARCHEOLOGICAL EXPLORATIONS**

(1) A recommendation that the sum of \$1500 be appropriated from the Reserve and Contingent Fund for archeological explorations to supplement appropriations made for this work for the current year.

On motion of Mrs. Evans, this appropriation was made.

**APPROPRIATION TO DEPARTMENT OF AGRONOMY**

(2) A request from the Dean of the College of Agriculture that \$2,000 of the unappropriated receipts of the Department of Agronomy be appropriated for the purchase of dictating machines to be used in that Department.

I recommend that this appropriation be made.

On motion of Mrs. Evans, this appropriation was made.

**APPROPRIATION FOR LEGISLATIVE VISIT**

(3) A recommendation that the sum of \$1500, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund for the expenses of the official biennial visit of the members of the General Assembly.

On motion of Mrs. Evans, this appropriation was made.

**APPROPRIATION FOR DEATH BENEFIT IN THE CASE OF  
DOCTOR BESSIE I. MILLER**

(4) A report that Dr. Bessie I. Miller, Instructor in Mathematics, died on Wednesday, February 4, 1931. She had been on the staff since September 1, 1928. The death benefit payable in her case is \$345. I recommend that this amount be appropriated from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to make payment to Dr. Miller's designated beneficiary.

On motion of Mrs. Evans, this appropriation was made and the Comptroller was authorized to pay the benefit to Dr. Miller's beneficiary.

**LEAVES OF ABSENCE FOR MEMBERS OF THE STAFF**

(5) Requests from the following members of the staff, endorsed by the Head of the Department and the Dean of the College in each case, for sabbatical leaves of absence on one-half pay for the year 1931-32 under the rules of the Board governing such leaves:

Professor T. T. Quirke, Department of Geology.

Professor R. H. Baker, Department of Astronomy.

I recommend that these leaves be granted.

On motion of Mrs. Evans, these leaves were granted.

**C. P. A. CERTIFICATES**

(6) A recommendation that the certificate of "Certified Public Accountant" be awarded to the following persons who have been certified by the Board of Examiners in Accountancy as having passed the November, 1930, C. P. A. examination:

ROY ANDREAE	IGNATIUS HARRY KAUFMAN
WARREN T. BROWN	LESLIE CROFT NYE
LESTER MELVIN ELLIOTT	HERMAN POLLOCK
SIDNEY FIELD	RICHARD ROBERT SCHOLZ
BURDETTE EDWARD FORD	JOHN LELAND SHAW
MYRON DANIEL FRANTZ	SAMUAL WALDO SPECTHRIE
NATHAN W. HELMAN	CASIMIR STANLEY ZALEWSKI
ARTHUR CHESTER JENSEN	

On motion of Mrs. Evans, these certificates were awarded.

**REQUEST FOR RIGHT OF WAY THROUGH CLAYTON SOIL EXPERIMENT FIELD IN ADAMS COUNTY**

(7) A request from the Division of Highways, Department of Public Works and Buildings of Illinois, for the dedication of a portion of the Clayton Soil Experiment Field in Adams County which is necessary for the construction of a highway known as State Aid Route 14. The Head of the Department of Agronomy is of the opinion that the right of way will not interfere with the experimental work going on there and the Director of the Agricultural Experiment Station recommends that this request be granted. I concur in the recommendation.

In order to save time I submitted the proposal to the Committee on Buildings and Grounds with the suggestion that it make a report on the matter to the Board at its meeting. The donors of this field have already consented to the dedication.

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

**AGREEMENTS FOR COOPERATIVE INVESTIGATIONS**

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

1. Agreement with the Utilities Research Commission for an investigation of refrigeration at low brine temperatures. This agreement is for one year, beginning January 1, 1931, with provision for its extension and the Commission agrees to pay the University \$7,500 for the expenses of the investigation.

2. Agreement with the Bureau of Public Roads of the United States Department of Agriculture for an investigation and tests of concrete arches to determine their behavior under varying conditions and to develop information to advance the art of concrete bridge building. The agreement is for a period of three years, beginning July 1, 1930, and is subject to renewal. The total cost will be approximately \$40,000, of which the Bureau will pay one-half, but not to exceed \$20,000. The balance will be supplied by The American Society of Civil Engineers, The Engineering Foundation, and other organizations; in fact, some of the money has already been advanced under separate agreements with these organizations.

On motion of Mrs. Evans, this action was confirmed.

**RENEWALS OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS**

(9) A report of the renewal or extension of certain agreements for cooperative investigations:

1. Agreement with the Ruhm Phosphate and Chemical Company of Mount Pleasant, Tennessee, and the Thomson Phosphate Company of Chicago for an investigation of the influence of certain factors upon the availability of rock phosphate to plants and its value as a phosphate fertilizer for one year from February 1, 1931, and the companies have agreed to provide \$1800 for the continuation of this investigation.

2. Agreements with the Utilities Research Commission for the following investigations:

(a) Water treatment for ice making, for one year from January 1, 1931; the Commission has agreed to furnish \$2000 additional funds for the continuation of this investigation.

(b) Stretching of lead sheaths, for one year from January 1, 1931; the Commission has agreed to furnish \$1500 additional funds for the continuation of this investigation.

(c) Solubility of boiler waters, for one year from March 1, 1931; the Commission has agreed to furnish \$9000 additional funds for the continuation of this investigation.

This report was received for record. At this point, Mrs. Hopkins joined the meeting.

#### PATENTS OF METHODS OF TESTING INSULATION AND CABLES

(10) A report for record that the Secretary of the Board has received from Brown, Jackson, Boettcher, and Dienner assignments of patents from Ellery B. Paine, Hugh A. Brown, and Joseph Tykocinski-Tykociner, covering their applications No. 504,045—an improvement in method of and means for testing insulation, Case 1; and No. 504,046—an improvement in method of and means for testing cables, Case 2.

This report was received for record.

#### REPARATIONS ON ACCOUNT OF EXCESSIVE COAL FREIGHT RATES

(11) The following report from the Legal Counsel:

January 23, 1931

*President H. W. Chase, 355 Administration*

MY DEAR PRESIDENT CHASE:

Sometime ago the Board of Trustees authorized me to institute proceedings before the Illinois Commerce Commission to obtain an adjudication that certain coal freight rates were excessive and that reparations were due from certain carriers to the University on account of past collections of excessive, unreasonable and discriminatory rates on coal consigned to the University. I prepared the necessary papers, and we have had two or three hearings, with the result that on October 7, 1930, an order was made finding such rates unreasonable and also decreeing that the University was entitled to reparations from the carriers. The amount as calculated in the Business Office is about \$24,000, perhaps a trifle more. On December 9, this order was affirmed by the Commission and the carriers were given until January 1, to file certain statements. This they have not done, although the time has expired.

If the carriers do not comply with this part of the order it will be necessary for the University to commence proceedings in the Circuit Court to enforce this award of the Illinois Commerce Commission.

I am reporting the present status of the matter so that you may be informed should the Board inquire concerning it.

Cordially yours,

SVEINBJORN JOHNSON  
*Legal Counsel*

This report was received for record.

#### APPROVAL OF VARIOUS PURCHASES

(12) A report of the approval of the following purchases, amounting to \$1000 or over, since the last report was made to the Board:

1. Contract with the Reliable Plumbing and Heating Company for the installation of a ventilating system in the proposed new handball courts in the Men's New Gymnasium at a price of \$1573. An appropriation of \$10,000 was made by the Board at the last meeting to cover half the cost of these courts; the Athletic Association has made a similar appropriation for this purpose.

2. Eleven 14" gate valves for the Filtration Plant from Field and Shorb Company of Decatur, the low bidder among several firms asked to submit prices on this equipment, at a price of \$1006.06, f.o.b. Urbana.

3. A carload of Montrose English finish book paper from the Moser Paper Company of Chicago at a price of \$6.50 per cwt., or a total cost of \$2300, for the printing of various University publications. The cost of this paper will be charged to the various departments which will use it in their publications.

4. A spectrograph for the Department of Physics from Bausch Lomb Optical Company, the only concern in this country which makes this apparatus, at a cost of \$1475.

5. Pyrex laboratory glassware for the General Chemical Storeroom from Schaar and Company at a price of \$2,443.92. Provision for this purchase is made in the budget of the Chemistry Department. Two other companies offered the same price, but as it was impracticable to divide the order, it was placed with Schaar and Company in view of the fact that other purchases have been made during the year from the other concerns listed.

6. Two sets of the new British Museum Catalogue at a total cash price of £640, or about \$3200, to be charged to the regular appropriation for "Library Additions." This catalogue will be issued in 160 to 165 folio volumes, the publication to begin in a month or two and to continue for seven or eight years, or until finished. By purchasing the entire catalogue in advance there will be a saving of \$760 on the two sets over the total cost if the volumes are purchased as they are published.

7. Seven paintings from Grand Central Art Galleries, New York City, at a total price of \$12,000, for the Art Collection. An appropriation for the purchase of these paintings has been made by the Board of Trustees.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

(13) The following report of gifts received by the University since the last report:

1. From the Certified Milk Producers Association, an additional \$1000 for the expenses of the study of the streptococcus epidemicus.

2. From the American Society of Civil Engineers, \$2090 as the balance of its contribution towards the expenses of the cooperative investigation of concrete and reinforced concrete arches for the year 1930; this supplements the gift of \$1200 made last May to cover the stipend of two special research graduate assistants in 1930-31, making a total contribution from this society in 1930, \$3290. Of this total \$1500 has been supplied through the Society by the Engineering Foundation.

3. From Rohm & Haas Company, \$1000 for the continuation of the fellowship in high pressure gas research for the calendar year 1931. The original gift for this fellowship was accepted by the Board on January 11, 1930.

This report was received for record.

#### REPORT OF AUDIT OF UNIVERSITY ACCOUNTS

(14) The Secretary submits the following report from Arthur Young & Company on their audit of the accounts of the University for the quarter ended December 31, 1930, (this report has already been sent to the Acting Chairman of the Finance Committee):

January 14, 1931

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRS,

We have audited the books of the University of Illinois for the quarter ended December 31, 1930, and submit the following brief summary of the work done and the result of the audit.

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and the vouchers certified to the State Auditor have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of pay roll vouchers for non-appointees has been checked against the original time reports on file in the respective Departments. Salaries of appointees have been checked against the notices of appointment issued by the Secretary of the Board of Trustees. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer as at December 31, 1930, together with the securities in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from the depository. Cash on hand has been verified by actual count.

The securities of the W. B. McKinley Public Utility Endowment Fund, of an aggregate book value of \$110,026.39, have been placed in escrow with the Trevett-Mattis Banking Company, Champaign, Illinois, in accordance with the deed of gift of the late Senator W. B. McKinley. The Treasurer of the University holds a receipt from the escrow agent. The securities have been produced by Trevett-Mattis Banking Company for our inspection. It appears that the University Treasurer is relieved from liability for loss of these securities through burglary or other casualties and that the Trevett-Mattis Banking Company, acting as custodian without remuneration, is responsible only for the exercise of ordinary prudence in taking care of the securities. We recommend that the University procure insurance against the risks indicated, in order to enjoy, with respect to these securities, the same full protection as in the case of the funds and securities in the direct custody of the University Treasurer.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the various operating departments.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of October 17, November 3, November 14, and December 9, 1930, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit, have been checked into the books of account and into the respective files of purchase orders and contracts. The records of previous meetings have likewise been referred to with respect to items not consummated at the time of previous audits.

In the office of the Purchasing Division we have compared a number of the larger purchase orders with the relative bids and quotations. A number of construction contracts, together with purchase orders exceeding \$1000 in amount, have been checked against reports made to the Board of Trustees and have been found to agree therewith.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All income which the University should have received during the quarter ended December 31, 1930, has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at December 31, 1930, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The report of the Comptroller to the Board of Trustees for the quarter ended December 31, 1930, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The quarterly financial report of the Comptroller to the Governor of the State of Illinois, covering the period beginning July 1, 1929, and ending December 31, 1930, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & COMPANY

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(15) The following quarterly report of the Comptroller as at December 31, 1930:

*QUARTERLY REPORT OF THE COMPTROLLER TO THE  
BOARD OF TRUSTEES*

*QUARTER ENDED DECEMBER 31, 1930*

*SUMMARY*

*Reserve and Contingent Fund*

The unappropriated balance of the Reserve and Contingent Fund at the close of the quarter was \$211,426, as per Schedule A. The balance at the corresponding date

a year ago was \$258,515. Of the present amount, \$31,661 represents the unappropriated balance of the estimated income of the fiscal year, and \$179,765 represents a balance carried forward July 1, 1930.

#### Budget Income

Realization of the budget income for the quarter, as per Schedule B, was as follows:

	Estimate For Year	Per Cent of Year's Estimate Realized	
		This Year	Same Date Last Year
State Appropriations for Operation (Per Cent realized represents portion expended to December 31, 1930).....	\$4 765 000	45.8	49.9
Federal Funds.....	494 242	56.1	53.6
Student Fees.....	870 000	52.4	52.4
Agricultural Sales			
Credited to Revolving Accounts.....	136 500	44.8	49.3
Credited to Budget Income.....	124 900	54.6	51.6
Miscellaneous Sales and Receipts.....	120 000	42.2	51.6

#### Treasurer's Balance

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$851,195, Schedule C. On the corresponding date a year ago, the balance was \$1,030,937. Of the present balance \$309,438 represents general University funds, \$113,540 Federal funds, \$250,275 residence hall funds, and \$177,942 trust funds.

#### State Funds Balances

The total balance of all State Appropriations as at the end of the quarter was \$4,040,986. Of this total \$2,585,214 was for operations, and \$1,455,772 was for new buildings. Of this sum, \$2,159,861 is payable out of the Mill Tax Fund and \$1,881,125 out of the General Revenue Fund. The balance in the Mill Tax Fund at the end of the quarter, allowing for outstanding warrants, was \$425.31. Uncollected taxes for 1928 and 1929 in Cook County account for the unrealized difference.

#### Budget Expenditures

Board appropriations to departments for the current fiscal year total \$6,338,661, including salaries \$4,234,493, expense and equipment \$2,104,168. These were 46.0% expended at the end of the quarter, and 2.2% encumbered. (Included in Schedule D.) On the corresponding date a year ago these appropriations were 45.0% expended and 2.5% encumbered.

#### Expendable Trust Funds

Balances at beginning of the year and receipts for the year on account of Expendable Trust and Special Funds arising from gifts and income from endowments totalled \$283,795, disbursements were \$115,394, encumbrances were \$10,293, leaving an unencumbered balance at the end of the quarter of \$158,108, per Schedule G.

#### Endowment Funds

Endowment funds from private gifts for special purposes (see Schedule F) were distributed as follows:

Professorial and Lectureship Endowments.....	\$145 325
Scholarship and Prize Endowments.....	84 556
Miscellaneous Endowments.....	80 031
<b>Total.....</b>	<b>\$309 912</b>

#### Student Loan Funds

Student loan funds from private gifts as of December 31, 1930, totalled \$187,808 per Schedule H. Loans outstanding as of that date amounted to \$177,381, leaving \$10,427 available for loaning.

*Indebtedness on Property*

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$49,400 on the Dental Building in Chicago, due in 1932 (Schedule H).

LLOYD MOREY  
*Comptroller*

SCHEDULE A  
STATEMENT OF RESERVE AND CONTINGENT FUND  
FOR THE QUARTER ENDED DECEMBER 31, 1930

Balance forward October 1, 1930.....			\$233 109 72
Add:			
Lapsed 1929-30 Balances (previously carried forward to cover encumbrances but not required).....		684 00	\$233 793 72
Deduct:			
Additional Budget Appropriations made by Board of Trustees October 17, 1930			
Medical Dispensary Expense (page 90).....	\$ 500 00		
Obstetrics and Gynecology Expense (page 90).....	525 00	\$1 025 00	
Changes and Adjustments to the Budget			
Salary Adjustments			
Registrar's Office.....	100 00		
German.....	175 00		
Mathematics.....	497 50		
Architecture.....	700 00		
Mechanical Engineering College.....	50 00		
Music.....	320 00		
Change in Expense Budget			
Journalism.....	200 00	3 042 50	5 067 50
Special Appropriations made by Board of Trustees			
In Meeting October 17, 1930			
Engineering College Administration (page 91).....	100 00		
Medical Administration (page 91).....	200 00		
In Meeting November 3, 1930			
Survey of Local Rooming Conditions (page 116).....	2 000 00		
In Meeting December 9, 1930			
College of Law—Study of Criminal Justice (page 126)	1 000 00		
Land (Mount Hope Cemetery additional) (page 129)	6 000 00		
President's House (pages 132 and 133).....	8 000 00	17 300 00	22 367 50
Balance December 31, 1930 (see Schedule H).....			<u>\$211 426 22<sup>1</sup></u>

<sup>1</sup>Includes \$31,661.16 net excess of regular budget income over regular budget appropriations as follows:

Total estimated regular budget income (excluding United States Agricultural Extension funds and estimated Agricultural Sales).....	\$5 898 850 66
Total estimated regular budget appropriations (excluding appropriations based on United States Agricultural Extension Funds and estimated Agricultural Sales).....	<u>5 867 189 50</u>
Net excess of regular budget income over regular budget appropriations for fiscal year 1930-31.....	<u>\$ 31 661 16</u>

SCHEDULE B  
REALIZATION OF INCOME FOR OPERATIONS  
1930-31 TO DECEMBER 31, 1930

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (See Sch. H)</i>
<i>State Funds</i>			
From Mill Tax .....	\$3 515 019 42	\$1 355 158 14	\$2 159 861 28
From General Revenue .....	1 249 980 58	829 896 06	420 083 62
<i>Total, State</i> .....	(4 765 000 00)	(2 185 055 10)	(2 579 944 90)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund .....	239 624 34	119 812 17	119 812 17
Capper-Ketcham Fund .....	40 167 48	20 083 74	20 083 74
Additional Extension Fund .....	26 000 00	26 000 00	
Hatch-Adams Funds .....	30 000 00	15 000 00	15 000 00
Purnell Fund .....	60 000 00	30 000 00	30 000 00
From State Treasurer			
Interest on Endowment Fund .....	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds .....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes) .....	16 000 00		16 000 00
<i>Total, Federal</i> .....	(494 242 48)	(277 121 24)	(217 121 24)
<i>Student Fees</i> .....	870 000 00	456 111 85	413 888 15
<i>Sales</i>			
Credited to Departments			
Agriculture .....	121 740 00	61 127 25	60 612 75 <sup>2</sup>
Other Departments .....		8 272 25	8 272 25 <sup>1,2</sup>
Credited to Estimated Agricultural Sales .....	124 900 00	68 171 04	56 728 96
Credited to General Income .....	120 000 00	50 592 25	69 407 77
Credited to Estimated Income from Creamery Surplus .....	14 760 00		14 760 00 <sup>3</sup>
<i>Total, Sales, etc</i> .....	(381 400 00)	(188 162 77)	(193 237 23)
<i>McKinley Endowment</i> .....	5 400 00		5 400 00 <sup>4</sup>
<i>Grand Total</i> .....	<u>\$6 516 042 48</u>	<u>\$3 106 450 06</u>	<u>\$3 409 591 52</u>

\*Deduct.

<sup>1</sup>No budget estimate set up.<sup>2</sup>Credited direct to revolving accounts, not carried as separate items on Balance Sheet.<sup>3</sup>To be transferred from Creamery Operating Account June 30, 1931.<sup>4</sup>To be transferred from Trust Account June 30, 1931.

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1930-31 TO DECEMBER 31, 1930

	Balance July 1, 1930	Receipts and State Appropriations	Disburse- ments	Balance December 31, 1930
<i>Funds in Possession of University</i>				
<i>Treasurer</i>				
General Fund.....	\$676 062 68	\$1 070 490 09	\$1 073 208 36	\$673 252 96
Trust Fund.....	127 540 60	215 447 25	165 046 83	177 942 47
<i>Total</i> .....	(803 603 28)	(1 285 937 34)	(1 238 345 19)	(851 195 43)
<i>State Appropriations</i>				
<i>For Operation</i>				
Salaries and Wages.....	202 520 00	3 515 019 42	1 757 367 65	1 960 171 77
Office Expense.....		150 000 00	76 608 98	73 391 02
Travel.....		34 980 58	21 114 06	13 866 52
Operation.....	2 115 13	485 000 00	283 361 35	203 753 78
Repairs.....	16 306 70	160 000 00	77 249 21	99 057 49
Equipment.....		290 000 00	142 659 46	147 340 54
Improvements.....	20 154 28	130 000 00	67 790 50	82 363 78
<i>Total, Operation</i> .....	(241 096 11)	(4 765 000 00)	(2 426 151 21)	(2 579 944 90)
<i>For Buildings</i>				
Agricultural Buildings.....		59 484 44	52 329 22	7 155 22
Chemistry Annex.....		272 074 20	154 379 85	117 694 35
Medical and Dental Labo- ratories.....		1 459 023 13	398 190 92	1 060 832 21
Power Plant Addition.....		234 256 92	147 572 13	86 684 79
Woman's Gymnasium.....		280 437 58	97 032 63	183 404 95
<i>Total, Buildings</i> .....		(2 305 276 27)	(849 504 75)	(1 455 771 52)
<i>For Special Purposes</i>				
Agricultural Experiment Station, Cook County..	796 80	10 000 00	5 527 55	5 269 25
<i>Total, State</i> .....	(241 892 91)	(7 080 276 27)	(3 281 183 51)	(4 040 985 67)
<i>Grand Total</i> .....	<u>\$1 045 496 19</u>	<u>\$8 366 213 61</u>	<u>\$4 519 528 70</u>	<u>\$4 892 181 10</u>
Operations of State Mill Tax Fund for the University of Illinois, July 1, 1930, to December 31, 1930				
Free Balance in Fund July 1, 1930.....				\$ 56 384 67
Receipts to December 31, 1930.....				<u>1 501 718 78</u>
				\$1 558 103 45
Vouchers Issued against Fund				
Applied on 1929-30 University Budget.....			\$ 202 520 00	
Applied on 1930-31 University Budget (see Schedule B).....			<u>1 355 158 14</u>	<u>1 557 678 14</u>
Available Balance December 31, 1930.....				<u>\$ 425 31</u>

SCHEDULE D  
SUMMARY OF APPROPRIATIONS  
AS AT DECEMBER 31, 1930

	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General.....	\$ 441 344 08	\$ 199 799 78	\$ 21 319 55	\$ 220 224 75
Library.....	285 448 94	146 942 83	41 827 04	96 679 07
<i>Agriculture</i>				
University Appropriation.....	1 116 344 33	555 452 83	25 211 03	535 680 47
U. S. Extension.....	314 802 81	128 015 75	3 941 43	182 845 63
Liberal Arts and Sciences.....	1 182 509 78	531 389 96	4 041 69	647 078 13
Engineering.....	706 844 43	332 053 69	10 705 70	364 084 95
Graduate School.....	86 401 14	36 756 43	6 001 17	43 643 54
Medicine, Dentistry and Phar- macy.....	853 866 11	413 221 88	16 307 68	424 336 55
Journalism.....	31 348 67	15 785 37	238 10	15 325 20
Law.....	84 224 50	39 592 44	17 00	44 615 06
Library School.....	28 957 52	12 436 22		16 521 30
Military.....	19 184 82	5 613 12	62 45	13 509 25
Music.....	62 563 60	30 641 91	820 64	31 101 05
Education.....	193 866 21	82 504 74	1 036 52	110 324 95
Summer Session, 1930.....	81 589 29	79 805 89		1 693 40
Summer Session, 1931.....	84 105 00	79 08	50 00	83 975 92
Commerce.....	219 211 57	98 906 99	670 30	119 634 28
Physical Welfare.....	130 785 94	60 682 84	4 044 04	66 059 06
Physical Plant Operation and Maintenance.....	682 134 00	342 363 24		339 770 76
<i>Sub-total</i> .....	6 605 532 74	3 112 134 99	136 294 43	3 357 103 32
<i>Land, Buildings, and Improve- ments</i>				
Special State Building Appro- priations.....	2 305 276 27	848 884 59	1 100 837 57	355 554 11
Other Appropriations.....	379 513 98	208 369 99	125 916 12	45 227 87
<i>Grand Total</i> .....	<u>\$9 290 322 99</u>	<u>\$4 169 389 57</u>	<u>\$1 363 048 12</u>	<u>\$3 757 885 30</u>

SCHEDULE E  
SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT DECEMBER 31, 1930

	Balance July 1, 1930	Disburse- ments	Credits from Department Requisitions and Sales	Balance December 31, 1930
Storerooms.....	\$117 863 31	\$ 181 478 69	\$104 056 41	\$135 285 59
Service Departments.....	14 806 62	848 715 46	803 395 81	60 126 27
Revolving Accounts.....	5 779 19*	10 249 94	1 047 42	3 423 33
<b>Total.....</b>	<b>\$126 890 74</b>	<b>\$1 040 444 09</b>	<b>\$968 499 64</b>	<b>\$198 835 19</b>

\*Credit Balance.

SCHEDULE F  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT DECEMBER 31, 1930

	Total July 1, 1930	Additions	Total December 31, 1930
Professorial and Lectureship Endowments.....	\$139 742 66	\$5 582 25	\$145 324 91
Scholarship, Fellowship, and Prize Endowments.....	84 556 27		84 556 27
Miscellaneous Endowments.....	80 030 71		80 030 71
<b>Grand Total.....</b>	<b>\$304 329 64</b>	<b>\$5 582 25</b>	<b>\$309 911 89<sup>1</sup></b>

<sup>1</sup>Invested as follows:

Special Investments (including Carter-Pennell Farms).....	\$210 939 75	
Group Investments.....	98 906 82	\$309 846 57
Uninvested Balance.....		65 32
<b>Total.....</b>		<b>\$309 911 89</b>

SCHEDULE G  
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS  
AS AT DECEMBER 31, 1930

	Total Credits	Disburse- ments	Encum- brances	Free Balance December 31, 1930
Professorial and Lectureship Endowments Income.....	\$ 3 630 15	\$ 1 00		\$ 3 629 15
Student Loan Endowments Income (subject to annuity).....	350 74	125 00		225 74
Scholarship, Fellowship, and Prize Endow- ments Income.....	4 635 65	2 388 75		2 246 90
Miscellaneous Endowments Income.....	4 562 75	777 03	\$ 01	3 785 71
Building and Improvement Gifts.....	698 04	22 22	15 00	660 82
Research Gifts.....	127 647 25	89 965 95	8 445 98	29 235 32
Scholarship, Fellowship, and Prize Gifts... ..	17 880 66	7 665 29	231 74	9 983 63
Other Expendable Funds.....	41 793 09	3 318 84	25 00	38 449 23
Deposit Funds.....	82 289 94	10 823 39	1 575 00	69 891 53
<b>Grand Total.....</b>	<b>\$283 488 27</b>	<b>\$115 087 47</b>	<b>\$10 202 73</b>	<b>\$158 108 07</b>

SCHEDULE H  
BALANCE SHEET AS AT DECEMBER 31, 1930  
ASSETS

<b>I. General and Building Funds</b>			
Cash with University Treasurer (Sch. C).....		\$	673 252 06
Petty Cash Funds.....			30 600 00
Balance in State Appropriation (Sch. C)			
For Operation.....	\$2 579 944 90		
For Buildings.....	1 455 771 52		
For Special Purposes.....	5 269 25	4 040 985 67	
Stores and Service Departments (Sch. E).....			198 835 19
Loan to McKinley Hospital (Trust Fund).....			11 063 34
Accounts Receivable.....			35 351 14
Estimated Income from: (Sch. B)			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketcham, U. S. Appropriations..	184 895 91		
Interest on Endowment (Land Grant of 1862).....	16 225 33		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	413 888 15		
Agricultural Sales.....	56 728 06		
Creamery Surplus.....	14 760 00		
Trust Endowments.....	5 400 00		
Miscellaneous.....	69 407 77	777 306 12	\$5 767 394 42
<b>II. Trust Funds</b>			
Cash with University Treasurer (Sch. C).....		177 942 47	
Notes Receivable.....		177 381 15	
Investments			
Stocks and Bonds.....	264 246 57		
Land.....	46 550 00	310 796 57	666 120 10
<b>III. Endowment Fund</b>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<b>IV. Plant and Property</b>			
Plant and Property (July 1, 1930).....			25 117 353 67
<b>Total Assets</b> .....			<u>\$32 199 881 19</u>

LIABILITIES AND SURPLUS

<b>I. General and Building Funds</b>			
Appropriation Balances (Sch. D)			
Encumbered.....	\$1 363 048 12		
Unencumbered.....	3 757 885 30	\$5 120 933 42	
Reserve for Petty Cash Funds.....		30 600 00	
Reserve for Stores.....		122 360 64	
Reserve for Loan to Trust Fund.....		11 063 34	
Residence Hall and Hospital Balances.....		250 274 53	
Unappropriated Agricultural Income.....		20 736 27	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A).....		211 426 22	\$5 767 394 42
<b>II. Reserve for Trust Funds</b>			
Due General Funds for Repayment of Loan.....		11 063 34	
Expendable Funds (Sch. G)			
Encumbered.....	10 292 73		
Unencumbered.....	158 108 07	168 400 80	
Non-Expendable Funds (Sch. F).....	309 911 89		
Less: Loan from General Funds (above)....	11 063 34	298 848 55	
Student Loan Funds.....		187 807 50	666 120 10
<b>III. Reserve for Endowment Fund</b> .....			
			649 012 91
<b>IV. Bonds and Surplus</b>			
Dental Property Bonds.....		49 400 00	
Surplus Invested in Fixed Assets.....		25 067 953 67	25 117 353 67
<b>Total Liabilities and Surplus</b> .....			<u>\$32 199 881 19</u>

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND  
PURCHASE ORDERS**

(16) The following report from the Comptroller of contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER*

*JANUARY 3, 1931, TO JANUARY 31, 1931*

Cooperative research agreements executed on special authorization of the Board of Trustees in meeting of January 9, 1931:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
Portland Cement Association and Concrete Masonry Association. . .	\$2 000	January 12, 1931	For cooperative investigation of stability of concrete masonry walls by the Engineering Experiment Station
Gibson Canning Company. . . . .	15 000	December 30, 1930	For cooperative investigation of some of the factors which determine the best development of certain types of vegetables by the Agricultural Experiment Station

Renewal of lease to the University executed under general regulations:

<i>Leased from</i>	<i>Property</i>	<i>Rental to be paid by the University</i>	<i>Date</i>	<i>Tenure</i>
Trustees of Jessamine Withers Home, Bloomington, Illinois	4.4 acres of land near Bloomington, Illinois	\$60 a year	December 31, 1931	From January 1, 1931, until terminated by the University

**PURCHASE ORDERS ISSUED IN JANUARY NOT  
OTHERWISE REPORTED**

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget for</i>	<i>Procedure</i>
M. L. Hecker	Concrete and cement mortar topping	\$2 425 80	Supervising Architect	Handball Courts Basement of New Gym	Competitive

H. M. EDWARDS  
*Purchasing Agent*

This report was received for record.

**FEBRUARY DEGREES**

(17) A request for authority to confer degrees on those candidates who were recommended by the University Senate at its meeting on February 2, the list to be included in the Board Minutes.

**GRADUATE SCHOOL**

**Degree of Master of Arts**

In Chemistry

CHIN CHANG, A.B., University of Michigan, 1930

In Economics

WILLIAM AMBROSE BLEDSOE, B.S., 1928

In Education

CHESTER STERLING BERRY, A.B., Illinois College, 1917

MARION KENDALL CRAINE, A.B., 1929

HELEN MCLEAN DAMRON, A.B., 1925

HARTLEY D'OYLEY PRICE, B.S., 1928

DONALD VICTOR SCHOOLCRAFT, A.B., Wabash College, 1926

MARION CHARLES TURRELL, A.B., University of West Virginia, 1903

In English

ALBERT EDWARD GERMER, JR., A.B., 1927

## In German

EDWARD MARTIN MUELLER, A.B., 1929  
 VERN WADE ROBINSON, A.B., DePauw University, 1929

## In History

SHELBY JASON LIGHT, B.Ed., Illinois State Normal University, 1927  
 CATHERINE MARIE WICK, A.B., 1929

## In Mathematics

CLARENCE GEORGE SCHILLING, A.B., 1926  
 EVERETT LINUS WELKER, A.B., 1930

## In Physics

BROOKS COURTRIGHT, A.B., Bradley Polytechnic Institute, 1925

## In Political Science

LOWELL OLIVER STEPHENS, A.B., University of Florida, 1925

## In Romance Languages

ALPHONSE VICTOR ROCHE, A.B., State College of Washington, 1928

## In Sociology

CORA KATHERINE MILLER, A.B., 1924

## Degree of Master of Science

## In Accountancy

CLIFFORD ROLLIN NISWONGER, B.S., Miami University, 1929

## In Animal Husbandry

WILLIAM MATTHEW WHITE, B.S., University of Notre Dame, 1921

## In Bacteriology

MILTON LIONEL LAING, B.S., Northern State Teachers College (South Dakota), 1927  
 JOHN B. REHM, B.S., Allegheny College, 1929

## In Business Organization and Operation

LEE ELRIE THOMPSON, B.S., 1929

## In Ceramic Engineering

EUGENE CHARLES CLEMENS, B.S., 1929

## In Chemistry

CHESTER WAYNE BRADLEY, B.S., Northeastern Missouri State Teachers College, 1927  
 FRANK HANLY BROCK, B.S., 1929  
 TSE-TSING CHU, B.S., National Southeastern University, 1926  
 ARZY ROBERT GRAY, A.B., Southwestern College, 1929  
 JAMES BURLEIGH LUCAS, B.S., Virginia Polytechnic Institute, 1900, M.S., Virginia Polytechnic Institute, 1913  
 WILLIAM ERNEST PEARCE, A.B., Westminster College, 1929  
 ELIAS PAUL SAMSEL, A.B., Heidelberg College, 1929  
 WILLIAM EDWARD SOHL, B.S., Case School of Applied Science, 1928

## In Civil Engineering

ROBERT BURRUS BUCKNER MOORMAN, B.S., 1929  
 JOSEPH HYMAN SPILKIN, B.S., University of Witwatersrand, 1925

## In Education

FORREST WINDSOR MURPHY, A.B., Transylvania College, 1917

## In Zoology

MONROE DAVID BRYANT, A.B., Austin College, 1927  
 THELMA GRIMM HALL, B.S., Mount Union College, 1929

## In Pathology

ALEX BENJAMIN RAGINS, B.S., 1929  
 SOL ROY ROSENTHAL, M.D., 1928

## In Pharmacology

HERBERT MARTIN EMIG, B.S., Philadelphia College of Pharmacy, 1924  
 ROBERT LELON LADD, A.B., Park College, 1920, M.D., Rush Medical College, 1926

## In Physiological Chemistry

REUBEN ISADORE KLEIN, A.B., 1927

## In Surgery

RICHARD MILTON DAVISON, B.S., M.B., M.D., University of Minnesota, 1926,  
 1928, 1929

## In Dermatology

THEODORE CORNBLEET, B.S., M.D., St. Louis University, 1921, 1923

## In Orthodontia

WILLIAM BENHAM DOWNS, D.D.S., 1926  
 RICHARD ALVIN JENTZSCH, D.D.S., 1926  
 ERNEST MYER, D.D.S., 1929  
 ROBERT EARL NAFTZGER, D.D.S., Indiana University, 1924

## Degree of Doctor of Philosophy

## In Animal Husbandry

WALKER MYRICK DAWSON, B.S., University of Maryland, 1925, M.S., 1926  
 WILLIAM GARFIELD KAMMLADE, B.S., University of Wisconsin, 1915, M.S., 1917

## In Botany

WILLIAM THEODORE PENFOUND, A.B., Oberlin College, 1922, A.M., 1924

## In Chemistry

ROBERT WILLIAM BALL, A.B., A.M., University of British Columbia, 1925, 1927  
 EUGENE BROWNING, B.S., Illinois Wesleyan University, 1926, M.S., 1927  
 CLAIR S. BORUFF, B.S., Monmouth College, 1923, M.S., 1925  
 ORVILLE EUGENE GOEHLE, B.S., Washington University, 1926  
 JOHN BEN GOODMAN, B.S., M.S., University of Denver, 1927, 1928  
 TSI YU KAO, B.S., University of Washington, 1927, M.S., 1929  
 SIDNEY LIONEL NEAVE, A.B., A.M., 1924, 1926  
 PIERCE WILSON SELWOOD, A.B., University of British Columbia, 1927, A.M., 1928

## In Economics

LLOYD ALVIN HELMS, A.B., DePauw University, 1925, A.M., 1926  
 ANANIAS CHARLES LITTLETON, A.B., A.M., 1912, 1918  
 CHARLES GORDON REEVES, A.B., A.M., University of North Carolina, 1924, 1925  
 KARL MYRON SCOTT, A.B., University of Arkansas, 1925, M.S., Iowa State College,  
 1926  
 FINDLEY WEAVER, A.B., A.M., University of Texas, 1924, 1926

## In English

GILBERT MACBETH, A.B., Miami University, 1925, A.M., 1926

## In History

OSCAR FRITIOF ANDER, A.B., Augustana College, 1926, A.M., 1927

## In Mathematics

GEORGE LEWIS EDGETT, A.B., A.M., Mount Allison University, 1923, 1926  
 CARL WALTHER STROM, A.B., Luther College, 1919, A.M., State University of Iowa,  
 1924, A.B., Oxon., 1927  
 MILDRED ELLEN TAYLOR, A.B., Oxford College for Women, 1921, A.M., 1922

## In Political Science

RALPH HUMPHREYS STIMSON, A.B., Ohio State University, 1921, A.M., Harvard University, 1924

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

## In Liberal Arts and Sciences

MARJORIE ADAM	PAUL SIGUARD PIERSON
ROME GEORGE ARNOLD, JR.	JOSEPH KLEIN POTTITZER
GLENN EARL BAIRD	GERALD MOTTER POWELL
FRIEDA ALICE BARTHOLF	JOHN HULL PRIBBLE
ROGER LEO BAUMAN	HENRY GUSTAV RAISH
BERNICE LEE BLATT	JEAN REID
GEORGE NELSON BLATT, JR.	WILBERT HORACE RIGGS
EMILY LUCRETIA BLEE	RALPH E. RINKENBERGER
ELMER FRED BLUMENKAMP	JACOB LOUIS SACHS
GENEVIEVE KATHERINE BORDEN	DOROTHY LEE SALLE
LELAND POWERS BRADFORD	ROSE PAULINE SAMUELL
SARA BRIGHT	ELIZABETH SCHNEIDER, with Honors in French
FRANCIS LUCIUS BRUMBACH	VIRGINIA LOUISE SEE
WELDON ROBERT COATE	MARIAN ELIZABETH SHEA
FAYE COHEN, with Honors in Psychology	JENNIE MARIANNEE SINCLAIR
BEN GORENSTEIN	JACK SILAS SLOVIC
ANNIE RUTH HARDIN	WARD ALEXANDER SOUTHARD
ROBERT ALEXANDER HESSLER	NORMAN LESLIE SPELMAN
NORMAN ROOS JANSEN	EDWARD FRANCIS STREIT
FRANK HENRI KALER, with Honors in English	CHESTER TSUNGKU SU
MARY FERN KAMPSCHMIDT	LORNA AGNES SULLIVAN
SYLVIA MYRA KATZ, with Honors in French	MARY PAULINE SURMAN (as of October, 1930)
FREDERICK JAMES KIRKMAN	ROBERT GERALD TRAMPE
THOMAS TE-MING LEE	MYRON JEWELL TREMAINE
HARRY ALEXANDER LERNER	KENNETH LEE TUCKER
MARVIN LESTER LOWENTHAL, with Hon- ors in Public Speaking	GLENN WELDON WAGNER
SYLVIA LUBOWICH	CARL JULIUS WIEGMAN
MARY ELIZABETH MILLER	GEORGE JOHN WILSON
LEONA ROSE PAYNE	EVA MARIE YOUMANS

## In Home Economic

CHARLOTTE GHER

## Degree of Bachelor of Science

## In Liberal Arts and Sciences

INES ELEANOR CLAYTON, with Honors in Chemistry	PETER TSING-HAN LI
	VLADIMIR CHARLES SEKERA
	In Chemistry
RODERICK DONALD PINKERTON	DEAN VERNON WILLS
JOHN CURTISS STOCK	
	In Chemical Engineering
GEORGE WALTER ECKERT	THEODORE STELIANOS XANTHAKOS
JAMES SARGEANT GOBBLE	

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

## In Accountancy

HERMAN AUGUST BUSCHING	ALBERT EDWARD RIDDLE
IRENE GRACE KIRCHNER	HARPER DEFORREST ROTH
ROBERT EDWARD LYONS	

## In Banking and Finance

CLARENCE SAMUEL COE  
ROBERT JAMES NIXON

EDWARD JAMES SMITH

## In Foreign Commerce

RAYMOND JOSEPH SCHWARZENTRAUB

## In General Business

HAROLD BERNARD ANDERSON  
WILLARD PETER GUNDER BOYSEN  
MALCOLM ALEXANDER BURGESS  
WALTER EDWARD CASEY  
CHOJEN CHEN  
WADE CLARK  
ALFRED EUGENE DESHELL  
EDWARD BREWSTER FREELAND  
RICHARD BARBER GRAHAM  
PAUL EDWARD HARMAN  
EDWIN RUSSELL HAUSER  
FRANCIS XAVIER HAYES  
HARRY JEROME HENDERSON  
MILDRED JEAN HENDERSON  
HOWARD LESTER JENKINSSAUL LEVINE  
RAY MCDANIELS  
WILLIAM FRANCIS O'DELL  
ALBERT STANLEY OLIN  
LOURN LEVON PATTERSON  
WALTER SAMUEL QUINN  
DONALD AUGUST RADEKE  
MAURICE LOUIS ROSSITER  
LESLIE ELMER SCHAEFER  
CHARLES CORTEZ SMITH  
HARRY FRANK SPARKS  
HAROLD WILLIAM STICK  
RYND LAWDER STRATTON  
JOSEPH ANDREW TURIGLIATTO, JR.  
THOMAS BENTON WADDELL

## In Industrial Administration

WILLIAM KIMBALL DILLON

BILL LEIGHMAN GHENT

## In Railway Administration

PERRY WILLIAM WARD

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

## In Education

CLARENCE CHARLES WILLIAM ARNOLD  
ARTHUR DONALD ANDERSON  
RUTH ETHEL BEERS  
LUCILLE PAULINE BEIN  
ROSE KATHERINE BELLON  
ETHEL BURTNER  
MILDRED ETHEL CARNEY  
INA MAE CHEEK  
THEODORE JAMES ECHTERNACHT  
ADRIENNE MARALEE EDELSTEIN, with  
Honors in Education  
ANNA MARY FINNEGAN  
RUTH ELLA CAROLINA GOTSCH  
RUTH ELIZABETH HABERICHTER  
CHARLES VAUGHN HALL  
FRANCYNE NORENE HOBAN  
CARROLL EVERETT IMHOFFGRACE LAVERNE KNOSPE  
HELEN PAULINE KONOPASEK  
JOHN KUSINSKI  
OLIVER MARTIN LANGHORST  
EDWARD JOSEPH MUTINSKY  
THERSA BRYANT NEU  
MARY JOSEPHINE PAUL  
RUTH FRANCES PECIVAL  
DOROTHY MARION ROESCH, with Honors  
in French  
LAURA LORRAINE ROSE  
GENE MONTELL SCOTT  
PAUL LESLIE SPENCER  
JUNE EDITH STAMM  
ARTHUR IVAN SUTTON  
CHARLES RICHARD WIEDEY  
FREDA ALMA WISE

## In Music Education

JULIA ELIZABETH LEE

## In Physical Education

ARTHUR ALBERT ESSLINGER, with  
Honors in Physical Education

OLAF ELERY ROBINSON

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

## In Architectural Engineering

STANLEY DRDLA  
CARL ALFRED GERFEN

KANAME KASHIWAGI

## In Civil Engineering

SIDNEY LEVIN

LAWRENCE PATRICK MURPHY

## In Electrical Engineering

YU KANG CHEN

GORDON EARL GRAY

LEO EMIL MENDEL

## In Mechanical Engineering

GEORGE OTTO CHRISTENSEN

MERRILL KEITH McANALLY

## In Engineering Physics

RICHARD KAUFMAN COOK, with High Honors

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## In Agriculture

GILBERT DEAN CLEM

HOWARD DEYO SARGENT

CHARLES HOWARD GOODRICH

CLARENCE EDWARD WHITE

## In Home Economics

MARY MAYFIELD

REVA MARGARET VOLLE, with Honors

## SCHOOL OF JOURNALISM

## Degree of Bachelor of Science

## In Journalism

ROBERT WILLIAM McMICHAEL, with  
High HonorsANTON ALEXANDER WARCHALOWSKI  
LILLIAN BEATRICE WINCHESTER

## COLLEGE OF LAW

## Degree of Bachelor of Laws

CHARLES EDWARD BINKERT

JACOB SCHER

LUDWIG VICTOR KU HAR

DAVE HOWARD SOKOLOW

PETER THOMAS LANGAN, JR.

PHILIP LANTZ TURNER, A.B., 1927

JOHN RAYMOND MIX

DEWEY DONATO VESPA, B.S., 1928

FRANK EUGENE QUINDRY

CLEO A. WILLIAMS

GEORGE CARSON RABENS, B.S., 1929

SAMUEL EVERETT WILSON

## LIBRARY SCHOOL

## Degree of Bachelor of Science

MARTHA HARRIET DICKSON, A.B., Baylor University, 1921

ANNABEL LUCILE SMITH, B.S., Kansas State Teachers College, Emporia, Kansas, 1923

## COLLEGE OF MEDICINE

## Degree of Bachelor of Science

BENJAMIN APPELMAN

DAVID JAMES KWEDER

EDWARD ARONOFSKY

CLARENCE SAMUEL KRAKOW

HERBERT JOSEPH BELL

WILBUR MAYO LARSON

FANNIE BUKY

DAVID ALVIN LEMBERG

THOMAS JOSEPH CONLEY

ARMAND JEAN MAUZUY

DAVID WANLESS CLOTFELTER

WILLIAM A. NYE

JAMES WESLEY DAVIS

SAMUEL IRVING RICHMOND

GEORGE CULLOM GEYMER

THELMA LEOTA SHURTZ

GEORGE GOLDENBERG

MAX SINAY

## COLLEGE OF DENTISTRY

## Degree of Doctor of Dental Surgery

MARK R. BALDWIN

LOTTIE WILL MASSEY

ROY ANTHONY HAEBICH

RUSSELL LA VERNE VOLIN

## SCHOOL OF PHARMACY

## Degree of Pharmaceutical Chemist

GEORGE EDWARD FORD	HARRY ROSEN
ALLEN HURWITZ	DAVID SCHAEFFER
STANLEY JOSEPH KACZMARSKI	LEO MILLARD WEINPER
MAURICE KANTER	ADOLPH KATRA
DAVID LIPPMAN	ALBERT ROSENBERG
EMMET N. NORRIS	SAMUEL TAYLOR
ALBERT NOWAK	

On motion of Mrs. Evans, these degrees were granted.

## THE SUMMER SESSION STAFF FOR 1931

(18) Recommendations from the Director of the Summer Session for appointments to the Summer Session Staff for 1931, the position and salary proposed being indicated in each case.

I recommend approval of these appointments and request authority to make such adjustments and additional appointments as may be necessary.

The appropriation for the 1931 Summer Session is \$84,000. The recommendations submitted herewith total \$83,761.62 for salaries. Expenses, other than salaries, usually amount to about \$3500, which would make a total of approximately \$87,300, not allowing for necessary adjustments in salaries at a later time. Some leeway in this matter will be necessary in order to provide for increases in enrollment and other adjustments.

I recommend, therefore, that a supplementary appropriation of \$4000, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for Summer Session salaries and other expenses.

## Art and Design

Edward J. Lake, <i>Associate Professor; Head of Department</i> .....	\$ 666.66	
E. E. Nearpass, <i>Assistant Professor</i> .....	416.66	\$1083.32

## Astronomy

Robert H. Baker, <i>Professor; Head of Department</i> .....	833.33	833.33
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## Bacteriology

F. W. Tanner, <i>Professor; Head of Department</i> .....	900.00	
G. I. Wallace, <i>Associate</i> .....	400.00	
F. M. Clark, <i>Assistant</i> .....	283.33	
Evan Wheaton, <i>Assistant</i> (½ time).....	125.00	1708.33

## Botany

A. G. Vestal, <i>Associate Professor</i> .....	700.00	
Myrle M. Burk, <i>Assistant</i> .....	250.00	
Annie L. Pleasants, <i>Assistant</i> (¼ time).....	200.00	
T. M. Sperry, <i>Assistant</i> (½ time).....	200.00	1350.00

## Chemistry

<i>Inorganic:</i>		
L. F. Audrieth, <i>Associate</i> .....	450.00	
J. C. Bailar, <i>Associate</i> .....	450.00	
M. J. Copley, <i>Associate</i> .....	416.66	
L. L. Quill, <i>Associate</i> .....	466.66	
Florence Catherwood, <i>Assistant</i> (½ time).....	125.00	1908.32

*Analytical:*

J. H. Reedy, <i>Associate Professor</i> .....	633.33	
D. T. Englis, <i>Assistant Professor</i> .....	525.00	
W. F. Bailey, <i>Assistant</i> (½ time).....	125.00	1283.33

*Organic:*

C. S. Marvel, <i>Professor</i> .....	800.00 <sup>1</sup>	
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<sup>1</sup>Paid by Organic Chemical Manufacturers and not included in totals.

R. L. Shriner, <i>Associate Professor</i> .....	633.33	
W. E. Bachmann, <i>Assistant Professor</i> (Univ. of Michigan)...	600.00	
C. F. Koelsch, <i>Instructor</i> (Univ. of Wisconsin).....	350.00	
A. T. Blomquist, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
E. M. McMahon, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	1833.33
<i>Physical:</i>		
T. E. Phipps, <i>Associate Professor</i> .....	583.33	583.33
<i>Physiological:</i>		
W. C. Rose, <i>Professor</i> .....	900.00	
C. T. Caldwell, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	\$1025.00
<i>Industrial:</i>		
D. B. Keyes, <i>Professor</i> .....	900.00	900.00
		<hr/>
		\$7533.31
<b>Classics</b>		
H. V. Canter, <i>Professor</i> .....	900.00	
C. A. Forbes, <i>Associate Professor</i> (Univ. of Neb.) ( $\frac{1}{2}$ time)....	300.00	
H. W. Kamp, <i>Professor</i> (Hendrix College).....	500.00	1700.00
<b>English</b>		
H. G. Paul, <i>Professor</i> .....	416.66	
(See Education).....	(416.66)	
George Flom, <i>Professor</i> .....	833.33	
Harold Hillebrand, <i>Associate Professor</i> .....	666.66	
B. L. Jefferson, <i>Associate Professor</i> .....	708.33	
W. P. Sandford, <i>Associate Professor</i> .....	633.33	
Harris Fletcher, <i>Assistant Professor</i> .....	550.00	
Arthur W. Secord, <i>Assistant Professor</i> .....	500.00	
Bruce Weirick, <i>Assistant Professor</i> .....	500.00	
Severina Nelson, <i>Instructor</i> .....	333.33	
Sidney Glenn, <i>Instructor</i> .....	333.33	
K. J. Tarpley, <i>Assistant</i> .....	266.66	
Eric V. Sandin, <i>Assistant</i> .....	300.00	
Earl N. Lockard, <i>Assistant</i> .....	250.00	
Wesley Swanson, <i>Assistant</i> ( $\frac{1}{2}$ time).....	200.00	6491.63
<b>Geology</b> ( <b>Geography</b> )		
W. O. Blanchard, <i>Professor</i> .....	666.66	
Edith M. Poggi, <i>Assistant</i> .....	333.33	999.99
<b>German</b>		
C. A. Williams, <i>Associate Professor</i> .....	633.33	
J. T. Geissendoerfer, <i>Assistant Professor</i> .....	500.00	
J. W. Kurtz, <i>Assistant</i> ( $\frac{2}{5}$ time).....	113.33	
Fritz Moore, <i>Assistant</i> ( $\frac{1}{5}$ time).....	213.33	
D. F. Munro, <i>Assistant</i> ( $\frac{1}{5}$ time).....	200.00	
V. W. Robinson, <i>Assistant</i> ( $\frac{1}{5}$ time).....	200.00	1859.99
<b>History</b>		
A. H. Lybyer, <i>Professor</i> .....	900.00	
T. C. Pease, <i>Professor</i> .....	900.00	
F. C. Dietz, <i>Professor</i> .....	708.33	
P. V. B. Jones, <i>Professor</i> .....	708.33	
Louise B. Dunbar, <i>Assistant Professor</i> .....	450.00	
R. C. Werner, <i>Associate</i> .....	383.33	
E. L. Erickson, <i>Instructor</i> .....	366.66	4416.65

**Mathematics**

R. D. Carmichael, <i>Professor; Head of Department</i> .....	900.00	
G. A. Miller, <i>Professor</i> .....	900.00	
J. B. Shaw, <i>Professor</i> .....	791.66	
E. B. Lytle, <i>Associate Professor</i> .....	666.66	
H. Levy, <i>Assistant Professor</i> .....	500.00	
Charles Hopkins, <i>Associate</i> .....	400.00	
F. C. Ogg, <i>Instructor</i> .....	383.33	
P. K. Smith, <i>Assistant</i> .....	250.00	
D. T. Sigley, <i>Assistant</i> .....	250.00	
E. R. Ott, <i>Assistant</i> .....	250.00	5291.65

**Philosophy**

M. T. McClure, <i>Professor; Head of Department</i> .....	900.00	
J. A. Nicholson, <i>Assistant Professor</i> .....	416.66	1316.66

**Political Science**

J. M. Mathews, <i>Professor</i> .....	900.00	
C. S. Hyneman, <i>Assistant Professor</i> .....	533.33	1433.33

**Psychology**

Herbert Woodrow, <i>Professor; Head of Department</i> .....	900.00	
Key Lee Barkley, <i>Instructor</i> .....	333.33	
J. B. Wolfe, <i>Assistant (½ time)</i> .....	125.00	1358.33

**Romance Languages**

T. E. Oliver, <i>Professor</i> .....	833.33	
John Van Horne, <i>Associate Professor</i> .....	583.33	
Paul E. Jacob, <i>Associate</i> .....	466.66	
Olav K. Lundeborg, <i>Associate</i> .....	483.33	
Cameron C. Gullette, <i>Associate</i> .....	450.00	
Matilde Ellies, <i>Assistant</i> .....	266.66	
Alphonse V. Roche, <i>Assistant</i> .....	283.33	
Angelina Pietrangeli, <i>Assistant</i> .....	266.66	3633.30

**Sociology**

M. H. Bickham, <i>Professor (United Charities, Chicago)</i> .....	700.00	
W. R. Tylor, <i>Assistant Professor</i> .....	500.00	
J. W. Albig, <i>Assistant Professor</i> .....	500.00	
B. F. Timmons, <i>Instructor</i> .....	450.00	2150.00

**Zoology**

Charles Zeleny, <i>Professor</i> .....	900.00	
F. B. Adamstone, <i>Associate</i> .....	450.00	
W. M. Luce, <i>Instructor</i> .....	366.66	
A. L. Hjortland, <i>Assistant</i> .....	300.00	
_____, <i>Assistant (¼ time)</i> .....	200.00	2216.66

**Journalism**

L. W. Murphy, <i>Professor; Director (½ time)</i> .....	416.66	
Reuel R. Barlow, <i>Assistant Professor (½ time)</i> .....	291.66	
Fredrick S. Siebert, <i>Associate</i> .....	466.66	1174.98

**Accountancy**

E. J. Filbey, <i>Professor</i> .....	900.00	
E. L. Theiss, <i>Assistant Professor</i> .....	708.33	
P. M. Green, <i>Assistant</i> .....	266.67	1875.00

**Business Organization and Operation**

F. A. Russell, <i>Professor</i> .....	900.00	
L. E. Kline, <i>Instructor</i> .....	500.00	
_____, <i>Instructor (½ time)</i> .....	166.67	1566.67

<b>Business Law</b>		
C. C. Curtis, <i>Instructor</i> ( $\frac{1}{2}$ time).....	200.00	200.00
<b>Economics and Transportation</b>		
M. H. Robinson, <i>Professor</i> .....	833.33	
Edward Berman, <i>Assistant Professor</i> .....	583.33	
Max Wasserman, <i>Assistant Professor</i> .....	541.67	
_____, <i>Instructor</i> .....	450.00	
R. H. Lounsbury, <i>Instructor</i> .....	400.00	
P. M. Van Arsdell, <i>Assistant</i> .....	250.00	
G. W. Sanford, <i>Assistant</i> .....	250.00	
C. L. Stewart, <i>Associate Professor</i> (part time).....	277.77	3586.10
<b>Theoretical and Applied Mechanics</b>		
W. L. Schwalbe, <i>Associate</i> .....	466.66	466.66
<b>Physics</b>		
Jakob Kunz, <i>Professor</i> .....	833.33	
R. F. Paton, <i>Associate Professor</i> .....	633.33	
G. M. Almy, <i>Instructor</i> .....	416.67	
S. G. Weissberg, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
R. W. Tyler, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
C. N. Challacombe, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
H. O. Fuller, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
F. W. Brown, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
R. K. Cook, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	
M. C. Watson, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125.00	2758.33
<b>Athletic Coaching</b> (Six weeks curriculum)		
C. L. Lundgren, <i>Professor</i> .....	675.00	
S. C. Staley, <i>Professor</i> .....	600.00	
G. T. Stafford, <i>Associate Professor</i> .....	562.50	
M. M. Olander, <i>Assistant Professor</i> .....	675.00	
J. C. Ruby, <i>Associate</i> .....	625.00	
C. O. Jackson, <i>Instructor</i> .....	300.00	
H. D. Price, <i>Instructor</i> .....	300.00	
J. P. Sabo, <i>Assistant</i> .....	325.00	
C. D. Werner, <i>Assistant</i> .....	425.00	
D. M. Bullock, <i>Assistant</i> .....	375.00	
H. C. Paterson, <i>Assistant</i> .....	250.00	5112.50
<b>Education</b>		
W. S. Monroe, <i>Professor; Acting Dean</i> .....	900.00	
E. H. Cameron, <i>Professor</i> .....	900.00	
J. A. Clement, <i>Professor</i> .....	833.33	
H. G. Paul, <i>Professor</i> .....	416.66	
(See English).....	(416.66)	
J. P. Wynne, <i>Professor</i> (State Teachers College, Farmville, Virginia).....	600.00	
W. W. Theisen, Assistant Superintendent of Schools, Milwaukee, Wisconsin.....	1000.00	
C. R. Griffith, <i>Associate Professor</i> .....	875.00	
C. D. Mead, <i>Associate Professor</i> (Univ. of Calif.).....	900.00	
C. W. Odell, <i>Associate Professor</i> .....	625.00	
A. O. Hansen, <i>Lecturer</i> (George Peabody College for Teachers, Nashville, Tennessee).....	800.00	
O. F. Weber, <i>Assistant Professor</i> .....	541.66	
Mrs. Nell C. B. Johnston, <i>Assistant Professor</i> .....	500.00	

E. F. Potthoff, <i>Associate</i> .....	450.00	
E. W. Dolch, <i>Associate</i> .....	433.33	
R. B. Browne, <i>Instructor</i> .....	333.33	
W. W. Peters, <i>Instructor</i> .....	333.33	
H. H. Punke, <i>Instructor</i> .....	366.66	
L. W. Williams, <i>Instructor</i> .....	533.33	
—————, <i>Assistant</i> (½ time).....	125.00	
—————, <i>Assistant</i> (½ time).....	125.00	
—————, <i>Assistant</i> (½ time).....	125.00	11716.63
<b>Industrial Education</b>		
A. B. Mays, <i>Professor</i> .....	791.66	791.66
<b>Music</b>		
F. B. Stiven, <i>Professor; Director</i> .....	900.00	
R. H. Miles, <i>Associate Professor</i> .....	566.66	
F. T. Johnson, <i>Associate</i> .....	450.00	
Sherman Schoonmaker, <i>Associate</i> .....	416.66	
Ralph M. Holmes, <i>Instructor</i> .....	433.33	2766.65
<b>Law</b>		
G. W. Goble, <i>Professor</i> (part time).....	540.00	
Sveinbjorn Johnson, <i>Professor</i> (part time).....	540.00	
M. I. Schnebly, <i>Professor</i> (part time).....	540.00	
G. B. Weisiger, <i>Professor</i> (part time).....	583.31	2203.31
<b>Library Science</b>		
Ethel Bond, <i>Assistant Professor</i> .....	483.33	
—————, <i>Assistant Professor</i> .....	600.00	
—————, <i>Assistant Professor</i> .....	400.00	
—————, <i>Instructor</i> .....	400.00	
Evalene Sullivan, <i>Instructor</i> .....	250.00	
Olga Skartvedt, <i>Assistant</i> .....	250.00	
Evelyn Kayser, <i>Assistant</i> .....	250.00	
A. E. Gropp, <i>Assistant</i> (½ time).....	125.00	2758.33
<b>Physical Education for Women</b>		
Louise Freer, <i>Professor; Director</i> (½ time).....	375.00	
Carita Robertson, <i>Associate</i> .....	466.66	
Emily Meares, <i>Instructor</i> .....	300.00	
Dorothy Stahmer, <i>Assistant</i> .....	266.66	1408.32
<i>Total</i> .....		\$83,761.62

On motion of Mrs. Evans, these recommendations were adopted, and a supplementary appropriation of \$4000 was made for the Summer Session.

#### CHANGE IN PRACTICE GOVERNING ADMISSIONS TO COLLEGE OF ENGINEERING

(19) A report for record that the University Senate has approved the following recommendation from the faculty of the College of Engineering:

Any student who desires to be admitted to the College of Engineering but who is deficient in the admission requirement of one-half unit of solid geometry, or one-half unit of advanced algebra, or both, may, if he has the admission requirements to any other college in the University, register in the College of Engineering for one year, during which time he must make up all these admission deficiencies.

This report was received for record.

**CONTRACT FOR EXTENSION OF RETAINING  
WALL AT COAL YARD**

(20) The Supervising Architect submits the following bids received on January 31, 1931, upon the extension of the retaining wall along the north side of the coal yard:

H. G. Whittenberg, Louisville, Kentucky.....	\$4 245 00
O. L. Shoemaker, Champaign, Illinois.....	4 270 00
Sowers & Corkery, Urbana, Illinois.....	4 611 00
A. W. Stoolman, Champaign, Illinois.....	4 726 00
King & Petry, Champaign, Illinois.....	5 242 00
English Bros., Champaign, Illinois.....	5 654 00

He recommends that the contract be awarded to H. G. Whittenberg, the lowest bidder, on the basis of his bid of \$4,245. A special appropriation of \$4,000 was made at the meeting of the Board on January 9 for this work. The additional \$245 may be charged to the current Physical Plant Extension Fund.

On motion of Mrs. Evans, this contract was awarded to H. G. Whittenberg, the lowest bidder, as recommended.

**CONTRACT FOR CURBS ON CAMPUS DRIVES**

(21) The Supervising Architect submits the following schedule of bids received on January 31, 1931, on curbs for campus drives and the necessary drainage connected therewith, for which an appropriation of \$8,000 was made at the meeting of the Board on January 9:

Frank A. Somers Co. (Urbana).....	\$7 857 90
King & Petry (Champaign).....	8 215 50
Kent and Company (Champaign).....	8 302 00

He recommends the award of the contract for this work to Frank A. Somers Company, the lowest bidder, at a cost of \$7,857.90.

The improvement will extend from Fourth Street east on Gregory Drive to Goodwin Avenue, and from there north to Nevada Street, and also the block on Sixth Street from Armory Avenue to Gregory Drive.

This will involve the opening of Goodwin Avenue between Nevada Street and Gregory Drive. While this has never been officially ordered, it has been a part of the campus plan and the Board should at this time authorize the opening of this street.

On motion of Mrs. Evans, the contract for curbing was awarded to Frank A. Somers Company, the lowest bidder, and the opening of Goodwin Avenue was authorized as recommended.

**CONTRACT FOR LABORATORY EQUIPMENT**

(22) A request for a hearing for a representative of W. W. Kimball Company, bidders on the general laboratory equipment for the Medical and Dental Laboratories Building (Minutes, January 9, 1931, page 137).

This hearing was granted. Mr. Kaltenbrun was introduced. He stated orally that W. W. Kimball Company would abide by their bid of \$58,126.80, and on request for a written statement, he wrote and signed the following in the presence of the Committee:

Our bid of \$58,126.80 for Laboratory Furniture still stands and upon which we will be pleased to have you take such action as is proper, either to award contract to us or if awarded to others to return our certified check.

W. W. KIMBALL CO.  
By A. E. KALTENBRUN

In event contract is awarded to another Company and our certified check is returned to us we then will consider the incident closed.

W. W. KIMBALL CO.  
By A. E. KALTENBRUN

February 5, 1931

Mr. Kaltenbrun retired.

The Executive Committee adjourned.

H. E. CUNNINGHAM  
Clerk

JAMES W. ARMSTRONG  
LAURA B. EVANS

### SECOND SESSION, FEBRUARY 5, 1931

When the Board of Trustees convened after the recess in the meeting of February 5, 1931, the same persons were present as during the meeting of the Executive Committee on the same day.

On motion of Mrs. Evans, the Board adjourned to meet at the Blackstone Hotel, in Chicago, at 12 o'clock noon on Friday, February 6, 1931.

H. E. CUNNINGHAM  
*Secretary*

JAMES W. ARMSTRONG  
*Chairman*

### ADJOURNED SESSION, FEBRUARY 6, 1931

When the Board met at noon on Friday, February 6, 1931, at the Blackstone Hotel, in Chicago, pursuant to adjournment the day before, the following members were present: Mr. Simpson, President *pro tempore*, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Hopkins, Dr. Noble.

Mr. Janata, Professor White, and Judge Johnson were present.

#### AMENDMENT TO BY-LAWS

On motion of Mr. Fisher, Article III of the By-Laws (Rules of Order) was amended by striking out Section 5, and Article III, as so amended, was adopted by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Hopkins, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Trees.

#### MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 9, 1931.

On motion of Dr. Noble, the minutes were approved as printed on pages 135 to 147 above.

#### MATTERS PRESENTED FOR PRESIDENT CHASE

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

#### BIDS ON LABORATORY EQUIPMENT

(1) A request for a hearing of a representative of the Kewanee Manufacturing Company concerning the contract for the laboratory equipment for the Medical and Dental Laboratories Building.

This request was granted, and Mr. Shomo, representing the Kewanee Manufacturing Company was introduced. He made a statement concerning the attitude of his company in the matter of the bids for this equipment and retired.

#### COLLEGE OF FINE ARTS

(2) A statement concerning the organization of certain departments into a College of Fine and Applied Arts.

Action on this matter was deferred.

#### STATE FUNDS AVAILABLE

(3) A letter from Mr. Morey concerning the condition of the State receipts from taxation.

This report was received for record.

**PURCHASE OF BARTO PROPERTY**

(4) In accordance with the instructions of the Board of Trustees at the last meeting, the Supervising Architect has secured a contract from Miss Harriet T. Barto for the sale of the Barto property on Nevada Street at a price of \$15,900. It will be necessary to have the deed filed before the end of March to prevent the assessment of real estate taxes against the property and in order to do that the deal should be closed at this meeting. An appropriation of \$16,000 will need to be made for this purpose.

I concur in the recommendation for the purchase of this property and recommend that one-half of the amount be appropriated from the Residence Halls Reserve Fund and the other half from the Reserve and Contingent Fund.

On motion of Mr. Armstrong, this purchase was authorized and the appropriation was made, as recommended, by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Hopkins, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Trees.

**BUSWELL PATENT**

Mr. Fisher, for the Committee on Patents, reported that Professor Buswell had stated that he did not desire to press his claim for the patent on cellulose digestion which he had assigned to the Board, and which the Board voted to reassign to him on payment of the amounts expended in the matter (Minutes, July 23, 1930, page 49).

**HI-LO-FOSFATE**

Mr. Fisher reported also a recommendation that the contract with the Urbana Laboratories for Hi-Lo-Fosphate be renewed for two years, with a provision that permission may be given to agricultural colleges and experiment stations to make or to use the solution for purely experimental or demonstration purposes.

On motion of Dr. Noble, this recommendation was adopted.

**OIL-DUST SPRAY**

Mr. Fisher reported also a recommendation that Professor Flint be authorized to apply for a patent (to be assigned to the University) on his discovery of the use of oil-dust spray as an insecticide.

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

**APPROPRIATION FOR PATENTS**

Mr. Fisher reported for the Committee that an appropriation of \$2000 be made from the Reserve and Contingent Fund to the Patent Fund to discharge existing claims and to meet future requirements.

On motion of Dr. Noble, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Hopkins, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Trees.

**INVESTMENT OF MCKINLEY HOSPITAL ENDOWMENT**

Mr. Fisher, for the Finance Committee, recommended that the balance of the proceeds from the redemption of the Booth Fisheries bonds be invested as follows:

Farm mortgage: \$2000 for five years at 5½ per cent on 80 acres of improved land (valuation \$8500) in Champaign County, belonging to James W. Castor.

Farm mortgage: \$10,000 for seven years at 5½ per cent on 200 acres of improved land in Champaign County, belonging to Charles Gourdiere.

Bonds: \$3000 in bonds of the Central Illinois Public Service Company, due 1956, if it is found that these bonds are legal investment for trust funds.

On motion of Dr. Noble, these recommendations were adopted.

#### PLANS FOR ARBORETUM

Mrs. Hopkins, for the Committee on Landscaping the Campus, presented a recommendation that the Secretary be instructed to ask Professor Blair to endeavor to make a report on the plans for the Arboretum before the next meeting of the Board of Trustees.

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

#### CONTRACT FOR LABORATORY EQUIPMENT

On motion of Dr. Noble, the action of the Board on January 9, 1931 (Minutes, pages 137-138), on the contract for the laboratory equipment for the Medical and Dental College Laboratory Building was reconsidered.

On motion of Dr. Noble, the following resolution was unanimously adopted:

*WHEREAS*, on January 7, 1931, W. W. Kimball Company submitted a bid of \$58,126.80 on the general laboratory equipment for the Medical and Dental Laboratories Building, which bid was found to be the lowest, and

*WHEREAS*, W. W. Kimball Company also on January 2, 1931, after the bids for the general laboratory equipment had been publicly opened, submitted the following request:

January 2, 1931

*Board of Trustees, University of Illinois, c/o Granger & Bollenbacher, Architects,  
333 North Michigan Avenue, Chicago, Illinois.*

GENTLEMEN:

Referring to our Proposal of this date covering Laboratory Equipment for the Medical and Dental College Building, University of Illinois, to be erected at Southeast corner of Polk and Lincoln Streets, Chicago, Illinois, we regret to state that through a stupid blunder of our estimating department, our figures as submitted covered only the cabinet work, including plumbing fixtures on top of desks, etc., neglecting to include in our figures the work as called for on your Mechanical Drawing plans.

We therefore take the liberty of attaching herewith a revised estimate, Schedule A, which we hope can be substituted for, or attached to, our original bid.

Thanking you in advance for your kind consideration and favorable action, we are,

Yours very sincerely,

W. W. KIMBALL Co.  
*Laboratory & Vocational Fur. Dept.*  
By A. E. KALTENBRUN  
*Director of Sales*

Revised proposal for Laboratory Equipment, Medical and Dental College Laboratories, University of Illinois, to be erected at S. E. corner of Polk and Lincoln Sts., Chicago.

Chicago, January 2, 1931

*Board of Trustees, University of Illinois, c/o Granger & Bollenbacher, Architects,  
333 North Michigan Avenue, Chicago, Illinois.*

## A

We propose and agree to furnish and install the Laboratory Equipment for the Medical and Dental College Laboratories Building in accordance with the specifications, schedule and drawings as follows:

Cabinet work, including fixtures on top of desk Fifty-Eight Thousand One Hundred Twenty-Six and 80/100 Dollars.....	\$58 126 80
Mechanical work per drawings, Thirty-Eight Thousand Nine Hundred Forty-Six and 50/100 Dollars.....	\$38 946 50
<i>Total Complete</i> .....	\$97 073 30

Respectfully submitted,

W. W. KIMBALL CO.

*Laboratory & Vocational Fur. Dept.*

By A. E. KALTENBRUN  
*Director of Sales*

and *WHEREAS*, the request of W. W. Kimball Company seemed to indicate that the Kimball Company was unwilling to make and complete a contract for the equipment at their original bid of \$58,126.80, but was trying to introduce a higher bid, which request and attempt the Board rejected, and awarded the contract to the then lowest bidder (which contract has not been executed); and

*WHEREAS*, Mr. A. E. Kaltenbrun, representing W. W. Kimball Company appeared before the Executive Committee of the Board on February 5, 1931, and stated orally that his company was prepared to furnish and install the laboratory equipment in question at their original bid of \$58,126.80, and presented the following signed statement to that effect:

Our bid of \$58,126.80 for Laboratory Furniture still stands and upon which we will be pleased to have you take such action as is proper, either to award contract to us or if awarded to others to return our certified check.

W. W. KIMBALL CO.

By A. E. KALTENBRUN

In event contract is awarded to another Company and our certified check is returned to us we then will consider the incident closed.

W. W. KIMBALL CO.

By A. E. KALTENBRUN

February 5, 1931

and *WHEREAS*, the Board of Trustees is of the opinion that W. W. Kimball Company is a responsible organization, fully able to execute its contract as proposed; and

*WHEREAS*, the statement of the representative of W. W. Kimball Company today submitted makes this company the lowest bidder for this equipment,

Therefore, *BE IT RESOLVED* by the Board of Trustees of the University of Illinois, in regular, legal, meeting assembled this sixth day of February, A. D. 1931,

I. That the action of the Board taken on January 9, 1931 (Minutes, page 138), awarding the contract for laboratory equipment for

the Medical and Dental Laboratories Building to the Kewanee Manufacturing Company, at its bid of \$107,015.80, be rescinded;

II. That the proposal of W. W. Kimball Company to furnish and install the laboratory equipment for the Medical and Dental Laboratories Building according to the original specifications for a consideration of \$58,126.80 be accepted, and that the officers of the Board be, and they are hereby, authorized to execute a proper contract (under bond) with W. W. Kimball Company to cover the furnishing and the installation of this equipment.

#### APPOINTMENTS MADE BY PRESIDENT CHASE

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

Allen, Harry Kenneth, Assistant in the Bureau of Business Research, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 4, 1931)<sup>1</sup>

Bruner, Allen Maxwell, Medical Adviser for Men, and Assistant in Hygiene, for seven months beginning February 1, 1931, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (January 12, 1931)

Bumbalek, John L., Research Assistant in Olericulture, in the Department of Horticulture, in the Agricultural Experiment Station, for one year beginning February 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400). (January 28, 1931)

Charles, Joseph E., Assistant in English, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 30, 1931)

Cottingham, Erma, District Junior Club Leader in Home Economics Extension, in the Agricultural Extension Service, for seven months beginning February 1, 1931, at a cash compensation at the rate of two hundred fifty-eight dollars and thirty-three cents (\$258.33) a month, which includes auto expense at five cents per mile actually traveled. (January 30, 1931)

Dunham, Clive Fleeming, Assistant in Accountancy, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this is in addition to his present appointment). (February 4, 1931)

Ewer, Seth Judson, Research Assistant in Botany, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (January 21, 1931)

Fitzsimmons, Cleo, Extension Specialist in Junior Club Work in Home Economics Extension, in the Agricultural Extension Service, for seven months beginning February 1, 1931, at a cash compensation at the rate of one hundred eighty-three dollars and thirty-three cents (\$183.33) a month (this supersedes her previous appointment). (January 30, 1931)

Genung, E. N., Laboratory Helper in the Chemistry Department, beginning January 13, 1931, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 21, 1931)

Henneberger, Olive, Assistant in English, on one-third time, for five months beginning February 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (January 30, 1931)

Higgins, John A., Assistant in Pharmacology, in the Department of Pharmacology and Therapeutics, in the College of Medicine, on two-thirds time, for seven months beginning February 1, 1931, at a cash compensation at the rate of eighty dollars (\$80) a month (this supersedes his previous appointment). (February 3, 1931)

Hilton, George Robert, Assistant in Romance Languages, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 30, 1931)

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

Holloway, J. H., Special Research Assistant in Chemistry, on one-half time, for ten months beginning February 1, 1931, and continuing until January 31, 1932, excepting July and August 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 30, 1931)

Honour, Wilfred Main, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1931, and continuing until February 1, 1932, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 4, 1931)

Ivey, A. C., Laboratory Helper in the Chemistry Department, beginning January 2, 1931, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (January 21, 1931)

Kane, Archie Cecil, Instructor in the Department of Otolaryngology, in the College of Medicine, beginning January 12, 1931, and continuing until September 1, 1931, without salary. (January 13, 1931)

Lockard, Earl Norton, Assistant in English, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 30, 1931)

McCollum, John Paschal, Assistant in Olericulture, in the Department of Horticulture, in the College of Agriculture, and in the Agricultural Experiment Station, for seven months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 4, 1931)

Millhouse, George, Jr., Assistant in English, on one-third time, for five months beginning February 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (January 30, 1931)

Mohr, Carl O., Assistant in Entomology, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 30, 1931)

Mood, Robert G., Assistant in English, on two-thirds time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred thirteen dollars and thirty-four cents (\$113.34) a month (this supersedes his previous appointment). (January 29, 1931)

Myers, Nellie Ray, Assistant in the Library School, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 24, 1931)

Riebel, John Paul, Assistant in English, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 26, 1931)

Saphir, Otto, Assistant Professor in the Department of Pathology, in the College of Medicine, for eight months beginning January 1, 1931, without salary. (January 12, 1931)

Scuderi, Carlo Salvatore, Instructor in Orthopedic Surgery, in the College of Medicine, beginning January 15, 1931, and continuing until September 1, 1931, without salary. (January 29, 1931)

Taft, Marion, Physiotherapist, in the Department of Orthopedic Surgery, in the College of Medicine, for seven months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 4, 1931)

Trotier, Arnold H., Cataloger in the Library, for seven months beginning February 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (January 16, 1931)

Whitlo, Charles M., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 30, 1931)

Williamson, Elizabeth, Assistant in the Order Department of the Library, on one-half time, beginning January 15, 1931, and continuing until August 31, 1931, at a

cash compensation at the rate of fifty-eight dollars and thirty-three cents (\$58.33) a month. (January 16, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

F. H. SIMPSON  
*President pro tempore*

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# MEETING OF THE BOARD OF TRUSTEES

OF THE

# UNIVERSITY OF ILLINOIS

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March 11, 12, 1931



The annual meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, March 11, 1931. When the Board convened, the following were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, and Mr. Williams.

President Chase was present; also, during parts of the meeting, Mr. H. S. Capron, Treasurer, Mr. Morey, Comptroller, Professor White, Supervising Architect, and Judge Johnson, Legal Counsel.

#### MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 5 and 6, 1931, and of the meeting of the Executive Committee of February 5, 1931. On motion of Dr. Noble, the minutes were approved and received for record as printed on pages 149 to 179 above.

**ARBORETUM**

Mr. Simpson, for the Committee on Landscaping, reported that Professor Blair's report on the requirements for the Arboretum was ready, and recommended that action on the report be taken promptly. This matter was referred to the new committee.

**ELECTION OF OFFICERS**

On motion of Mr. Armstrong, Mrs. Grigsby was appointed Chairman of the meeting for the election of the President of the Board for the ensuing year.

**MR. GEORGE A. BARR ELECTED PRESIDENT OF THE BOARD**

Dr. Noble nominated Mr. George A. Barr for the office of President of the Board.

On motion of Dr. Noble, the nominations were closed, and the Secretary of the Board was instructed to cast the unanimous vote of the meeting for Mr. Barr as President. The ballot was cast and Mr. Barr was declared elected President of the Board. President Barr took the chair and expressed his appreciation of the honor.

**MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY**

On motion of Mrs. Grigsby, Mr. Harrison E. Cunningham was elected Secretary of the Board for the ensuing year.

**PROFESSOR LLOYD MOREY ELECTED COMPTROLLER**

On motion of Mrs. Evans, Professor Lloyd Morey was elected Comptroller for the ensuing year.

**EXECUTIVE COMMITTEE ELECTED**

Mrs. Evans nominated Mrs. Grigsby and Mr. Armstrong nominated Dr. Noble to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Mr. Barrett, the nominations were closed and the Secretary was instructed to cast the unanimous vote of the Board for Mrs. Grigsby and Dr. Noble as members of the Executive Committee. The ballot was cast and Mrs. Grigsby and Dr. Noble were declared elected members of the Executive Committee.

**DELEGATION OF SIGNATURES**

On motion of Dr. Noble, the following resolution was adopted.

*Resolved*, that the President and the Secretary of the Board of Trustees, be and they hereby are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to the Auditor and to the Chief Accountant in the Business Office authority to sign his name, as President of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The Secretary of the Board of Trustees is authorized to delegate to the Bursar and to the Assistant Bursar in the Business Office authority to sign his name, as Secretary of the Board of Trustees, to vouchers against the State Auditor, and to

warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The President and the Secretary of the Board of Trustees are authorized to delegate to the Comptroller authority to sign the name of the President or of the Secretary of the Board of Trustees to vouchers against the State Auditor, and to warrants on the University Treasurer in case of emergency; provided that under no circumstances shall the Comptroller sign the names of both the President and the Secretary to the same warrant or voucher.

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

#### MR. HAZEN S. CAPRON ELECTED TREASURER

Mr. Capron made a statement concerning the attitude of bonding companies in the matter of writing security bonds covering liability for losses which might occur through no fault of the officer secured.

On motion of Mr. Williams, the following resolution was adopted:

*BE IT RESOLVED*, that Mr. Hazen S. Capron be elected Treasurer of the University of Illinois for the ensuing biennium, and that he furnish a personal bond with securities satisfactory to the Board.

*AND BE IT FURTHER RESOLVED*, that the Treasurer require the depository or depositories selected by him to deposit in trust securities of such character and in such amount as will secure the funds so deposited.

*AND BE IT FURTHER RESOLVED*, that the Treasurer shall pay such interest (not less than 2 per cent) on the funds in his hands as may from time to time be agreed.

#### TREASURER'S BOND

On motion of Mr. Armstrong, the President of the Board was authorized to appoint a special committee of three members, of whom he should be one, to act in conjunction with the Legal Counsel to formulate the bond of the Treasurer and to present it to the Board for approval. President Barr appointed Mr. Williams and Mr. Barrett to serve with him on this committee.

#### AUTHORITY TO RECEIVE MONEY

On motion of Dr. Noble, the following resolution was adopted:

*RESOLVED*, that the Treasurer of the Board of Trustees of the University of Illinois be and he is hereby authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or to the University of Illinois.

#### MATTERS PRESENTED BY PRESIDENT CHASE

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

**FINANCIAL PROGRAM FOR 1931-33 AND STUDENT FEES IN  
URBANA DEPARTMENTS**

(1) A recommendation that the following operating budget for 1931-33 be presented to the General Assembly instead of the budget as printed on page 107 of the Minutes:

	<i>State Appro- priation for 1929-31 (per year)</i>	<i>Proposed for 1931-33 (per year)</i>	<i>Total for the Biennium 1931-33</i>
Operating			
Salaries and Wages.....	\$3 515 000	\$3 675 000	\$7 350 000
Office Expense, including printing and publications.....	150 000	150 000	300 000
Travel.....	35 000	35 000	70 000
Operation.....	485 000	500 000	1 000 000
Repairs.....	160 000	165 000	330 000
Equipment.....	290 000	315 000	630 000
Permanent Improvements.....	130 000	100 000	200 000
<i>Total per year.....</i>	<u>\$4 765 000</u>	<u>\$4 940 000</u>	<u>\$9 880 000</u>
<i>Total biennium.....</i>	\$9 530 000	\$9 880 000	\$9 880 000

and that the following schedule of incidental fees in the departments at Urbana, other than the College of Law, and including the Graduate School, be adopted, to become effective September, 1931:

	<i>Incidental Fees per Semester</i>
For residents of Illinois.....	\$35 00
For non-residents of Illinois.....	62 50

On motion of Mr. Williams this revised budget was approved for submission to the General Assembly and it was voted to adopt the schedule of incidental fees as recommended.

The Board adjourned, to meet at 9 a.m. on Thursday, March 12, 1931.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

**ADJOURNED SESSION, MARCH 12, 1931**

When the Board convened at 9 a.m. on Thursday, March 12, 1931, pursuant to adjournment, the following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; also, during the morning, Mr. Fisher.

President Chase was present.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**BUILDING PROGRAM**

(1) A statement concerning the askings for buildings as approved by the Board in October (page 107).

On motion of Dr. Noble, it was voted that the items for buildings in the Legislative Budget as approved October 17, 1930, be not changed.

**ADDITION TO BUDGET OF THE SCHOOL OF MUSIC**

(2) A report of the addition of two hundred dollars to the budget of the School of Music for the employment of an additional part-time assistant in Theory and Piano for four months, necessitated by the increased enrollment in that Department.

On motion of Mrs. Grigsby, the addition of \$200 to the budget of the School of Music was approved, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees, Mr. Williams.

At this point, Mr. Barr, being called from the room, asked Mrs. Evans to take the chair.

**APPROPRIATIONS FOR DEATH BENEFITS**

(3) A report of the following deaths of members of the staff:

Dr. George P. Dreyer, Professor of Physiology in the College of Medicine, on February 27, 1931. He had been on the staff since September 1, 1900. The amount of death benefit due in his case is \$2,750.

Rudolph Meseck, Janitor in the School of Pharmacy, on February 21, 1931. He had been in the employ of the University since January 1, 1902. The death benefit in his case is \$360.

J. W. Johnson, Laborer in the Physical Plant Division, on March 6, 1931. He had been in the employ of the University since December 14, 1929. The death benefit in his case is \$140.05.

I recommend that the sum of \$3,250.05 be appropriated from the Reserve and Contingent Fund for the death benefits due in these cases, and that the Comptroller be authorized to make payments to the designated beneficiaries.

On motion of Dr. Noble, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Trees.

**APPROPRIATION FOR FLORIDA AVENUE PAVEMENT**

(4) When the assessment for the Florida Avenue pavement was approved by the Board on September 17, the estimated expense to the University was given as \$22,068.98. The Comptroller reports that a rebate of \$1,949.81 has been credited on this assessment, this amount having been repaid to the University in cash. We have paid only the first installment of this paving, leaving nine installments unpaid, each in the amount of \$2,169.77. The Comptroller and the Supervising Architect recommend that this rebate be applied toward an advance payment of another installment, the difference between the rebate and the amount of the installment to be paid from Physical Plant Extension funds.

I recommend that the sum of \$1,949.81 be appropriated toward the payment of an additional installment of the assessment for this paving.

On motion of Mr. Armstrong, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

**LEAVE OF ABSENCE FOR DR. CLARISSA RINAKEK**

(5) A recommendation that the leave of absence on part-salary given Dr. Clarissa Rinaker, Assistant Professor of English, on account of illness from November 1, 1930, to February 1, 1931, be extended for as much of the second semester as her absence makes necessary, under the same conditions, namely, that the salary of her substitute be deducted from Doctor Rinaker's salary and the balance paid to her.

On motion of Dr. Noble, this recommendation was adopted.

**LEAVE OF ABSENCE FOR PROFESSOR W. O. BLANCHARD**

(6) A request from Professor W. O. Blanchard of the Department of Geology, endorsed by the Head of the Department and the Dean, that he be given sabbatical

leave of absence on one-half pay under the rules, for one year beginning September 1, 1931.

I recommend approval.

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

#### LEAVE OF ABSENCE FOR MISS JOSIE B. HOUCHENS

(7) A recommendation from Director P. L. Windsor that Miss Josie B. Houchens of the Library staff be given leave of absence without pay during the month of July in order that she may teach at the summer session of Columbia University.

I recommend approval.

On motion of Mrs. Grigsby, this leave was granted.

#### DIRECTORS OF THE ATHLETIC ASSOCIATION

(8) A recommendation that the following be appointed Directors of the Athletic Association of the University to serve until March, 1932, or until their successors shall have been elected:

Director GEORGE HUFF, *Champaign*

Judge O. A. HARKER, *Champaign*

Professor F. A. RUSSELL, *Urbana*

Mr. J. P. KRATZ, *Monticello*

Mr. W. E. C. CLIFFORD, *Champaign*

This recommendation is made pursuant to the constitution of the Athletic Association which provides that these directors shall be elected annually by the Board of Trustees of the University on recommendation of the President.

On motion of Dr. Noble, these directors were elected.

#### PROPOSAL FROM DEAN KENDRIC C. BABCOCK FOR CREATION OF AN ENDOWMENT IN SUPPORT OF RESEARCH, FELLOWSHIPS, AND PUBLICATIONS IN HISTORY AND POLITICAL SCIENCE

(9) A proposal from Dean Kendric C. Babcock to present securities valued at approximately \$50,000 to the University for the establishment of a trust fund in support of research, fellowships, and publications in history and political science.

On motion of Dr. Noble, this proposal was accepted in principle and the Legal Counsel was directed to draw an instrument of trust in legal form to be presented to the Board for approval.

The President of the University was requested to express the appreciation of the Board to Dean Babcock for his gift.

#### COLLEGE OF FINE AND APPLIED ARTS

(10) Since 1921 there has been under consideration a proposal that certain of the University's art interests, such as Architecture, Art and Design, Landscape Architecture, and Music, be organized as a College of Fine Arts. For one reason or another it has not been practicable to make this reorganization heretofore, although the proposal has remained under consideration pursuant to the action of the University Senate on October 3, 1921, which voted that the matter be given further study with the view to presenting to the Senate a plan for such a college when it is possible to provide adequately for such an additional unit. In 1928 a special committee of the faculty was appointed to make specific recommendations for the organization of a College of Fine Arts. This committee made a detailed report after five or six months of study, which report has furnished the basis for the following specific recommendations of the Committee on Educational Policy, which were approved by the Senate on February 2:

1. That there be established at the University of Illinois a College of Fine and Applied Arts with the same rights and privileges accorded the other colleges of the University.

2. That, at the beginning, the College of Fine and Applied Arts include the School of Music, the Department of Architecture, the Department of Art and Design, and the Division of Landscape Architecture including the option in City Planning.

3. That, for the time being, admission requirements to the several units remain as at present; that students now registered in the present curricula be allowed to

continue these curricula to graduation; and that the degrees offered be, until further provision is made, those given upon the completion of the present curricula.

4. That, subsequent to the approval by the Senate of a general plan for the establishment of a College of Fine and Applied Arts, matters pertaining to admission requirements, the nature and extent of the curricula, the degrees to be awarded, and projected fields of work, be determined by the proper authorities.

In connection with these recommendations the Committee also suggested that the cultivation of esthetic taste on the part of the student body at large should be considered one of the major aims of such a college and that suitable subjects for the development of general artistic appreciation should be so presented as to make them desirable as electives in other colleges. The Committee also stated in its report that it is its understanding that the plan proposed does not commit the University to any large additional expense nor to any elaborate expansion of activity. The Committee stated further that, in its opinion, the question of policy at the moment is whether or not we shall coordinate these applied phases of work in accordance with a unitary plan of procedure.

It should be emphasized that this adds no new developments, but simply coordinates certain fields of work, which have a common point of view, for purposes of administration and development. I request that this action of the University Senate be approved at this meeting in order that plans may go forward as quickly as possible for the organization of this new division.

On motion of Dr. Noble, this recommendation was adopted.

#### AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(11) A recommendation that the Board authorize the execution of the following agreements for cooperative investigations, the agreements in each case being of the form and character of similar agreements heretofore authorized by the Board, and being approved by the Legal Counsel:

1. Agreement with American Railway Association and the Rail Manufacturers' Technical Committee for a cooperative investigation of fissures and other causes of failures of railroad rails by the Engineering Experiment Station. This agreement covers a period of five years from January 1, 1931, with provision for its termination upon three months' notice. Each of the cooperating agencies agrees to pay the sum of \$25,000 per year (or a total of \$50,000 a year) for the expense of this investigation.

2. Agreement with American Society of Heating and Ventilating Engineers for a cooperative investigation of heating and ventilating by the Engineering Experiment Station. This agreement is drawn for a period of three years beginning April 1, 1931, with provision for its extension and the Society agrees to pay the sum of \$15,000 for the expenses of this investigation.

3. Agreement with the Association of Manufacturers of Chilled Car Wheels for a cooperative investigation of the frictional qualities of railway brake shoes by the Engineering Experiment Station. The agreement is drawn for a period of one year beginning March 15, 1931, with provision for its extension, and the Association agrees to pay the sum of \$3,800 for the expenses of the investigation.

On motion of Mr. Armstrong, these agreements were authorized.

#### EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(12) A report of the renewal or the extension of the following agreements for cooperative investigations:

1. Agreements with the Utilities Research Commission, Incorporated, for the following investigations, the period of extension and the additional funds to be supplied for the expenses of the investigations being indicated in each case:

a. Porcelain for Insulators (Case No. 3)

Extended from June 30, 1931, to December 31, 1931.....\$7 700

b. Stresses in Elevated Structures and Equipment (Case No. 5—combines work formerly done on Case No. 4)

Extended from June 30, 1931, to December 31, 1931..... 9 000

c. Cable Testing Methods (Case No. 6)

Extended from June 30, 1931, to December 31, 1931..... 5 000

- d. Water Treatment for Ice Making (Case No. 11)  
 Extended from December 31, 1929, to March 31, 1931..... 2 000
- e. Stretching of Lead Sheaths (Case No. 23)  
 Extended from July 1, 1931, to December 31, 1931..... 1 500
- f. Corrosion of Gas Heater Flues (Case No. 29)  
 Extended from June 30, 1930, to December 31, 1931..... 6 000
- g. Solubility Studies of Boiler Waters (Case No. 31)  
 Extended from March 1, 1931, to December 31, 1931..... 9 000
- h. Treatment of Stack Gases (Case No. 34)  
 Extended from July 1, 1931, to December 31, 1931.....12 000  
 (In the case of "d", "e", and "g" this report will replace the report made at the meeting of the Executive Committee on February 5, 1931—Minutes, pages 151-152)
2. Agreement with the Clay Products Association for investigation of clay sewer pipe extended to February 1, 1932, the Association to pay not to exceed \$2,000 more for the additional expenses of this investigation.
- This report was received for record.

**REQUEST OF PROFESSOR A. C. WILLARD FOR AUTHORITY TO RENDER CONSULTING SERVICE TO THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS**

(13) A request from Professor A. C. Willard, Head of the Department of Mechanical Engineering, that he be permitted to render certain professional services of an advisory character relating to the general research activities of the American Society of Heating and Ventilating Engineers. He states that these services will in no way interfere with his University duties. The work would consist of conferences or consultations, usually at Urbana, concerning chiefly scientific or technical matters relating to fundamental research problems concerning heating and ventilating. No commercial testing problems for private individuals or firms would be considered, but only such research problems of general interest to the Society as are determined by the Research Committee to which Professor Willard shall act as adviser.

On motion of Mrs. Evans, this request was granted.

**REQUEST FROM UTILITIES RESEARCH COMMISSION FOR LICENSE TO COMMERCIALIZE A DISCOVERY MADE BY THE ENGINEERING EXPERIMENT STATION**

(14) A request from the Utilities Research Commission that in return for proper consideration to the University, it be given the exclusive right to commercialize the discovery of a method of removing sulphur fumes from stack gases made by members of the staff of the Engineering Experiment Station during a cooperative investigation financed by the Commission. In order to develop this scientific principle it will be necessary to secure the services of some large manufacturer who will be prepared to spend a considerable amount of money in development work and that will involve giving him some preferential guarantee so that he will not be spending money for the benefit of any competitors who may care to use the discovery as soon as it promises to be a success. Since the Utilities Research Commission outlined this problem, brought it to the University for solution, furnished the committee supervision and the money necessary to carry on the work, it seems proper that the Commission be permitted to commercialize this discovery, not only for its own sake, but for the sake of the University so that its rights in this discovery will not be lost. It is obviously impossible for the University itself to undertake the commercial development of this method.

The Faculty Committee on Patents recommends, and I concur, that the Board negotiate forthwith with the Utilities Research Commission for the purpose of entering into a suitable contract for the commercial development of this patent.

On motion of Dr. Noble, this matter was referred to the Committee on Patents for consideration and report.

**AWARD OF CONTRACT FOR LABORATORY EQUIPMENT FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(15) On February 6, 1931 (Minutes, pages 175-177), the Board of Trustees awarded the contract for laboratory equipment for the Medical and Dental Laboratories

Building to the W. W. Kimball Company of Chicago on the basis of its low bid of \$58,126.80 (opened January 2, 1931). The Company had submitted a second, revised bid on January 2 with the request that it be substituted for the original bid on the ground that the Company made an error in estimating the original bid. The Board refused to accept the revised bid and to permit the Company to withdraw its original bid. Consequently, on February 5, 1931, a representative of the Company stated to the Board in writing that the Company's original bid of \$58,126.80 still stands. In view of this statement the contract was awarded on that basis. The Supervising Architect now reports that the Kimball Company has declined to execute the contract and that consequently he has requested the Comptroller to cash the certified check for \$1,250 which the Company submitted with its bid. He recommends that the contract be awarded to the Kewaunee Manufacturing Company, the second low bidder, on the basis of its bid of \$107,015.80.

I concur in this recommendation.

On motion of Dr. Noble, this recommendation was adopted.

#### APPROVAL OF VARIOUS PURCHASES

(16) A report of the approval of the following purchases amounting to one thousand dollars or over since the last report was made to the Board:

Reimbursement of A. W. Stoolman, contractor, for labor and material furnished by the Twin City Roofing Company, Champaign, in repairing the slate roof and flashing, erecting new gutter and downspouts, and applying new gravel roofing on the Boiler House Addition in the amount of \$1,154.01.

A carload of Redwood Lumber from the Union Lumber Company (through the Danville office) at a price of \$1,434.50 f.o.b. Urbana, subject to two per cent discount if paid by June 30, 1931, for the use of the Physical Plant Department in cabinet work and repairs.

Acids for the General Chemical Storeroom from the Grasselli Chemical Company on the basis of their low bid of \$2,466. These chemicals are purchased under contract.

A minor contract with Frank A. Somers Company for the rough grading on Goodwin Avenue extension on the basis of their low bid of \$780.

Six thousand feet of electrical cable for extension of electric service lines to the skating rink, tennis courts, and handball courts in the New Gymnasium from the Graybar Electric Company, one of the low bidders, at a price of \$3,904.57.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

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

1. From Standard Brands Incorporated the sum of \$500 for a continuation of the investigation of the antiseptic properties of the skin by the College of Medicine. This supplements the initial gift of \$1,000 made for this study last year (Board Minutes, May 9, 1930, page 582).

2. A bequest from the late Mrs. Mary F. Kitchell of Pana of "Miscellaneous and Law Libraries of my late husband, together with the movable book-cases." The Law Library was disposed of by the deceased during her lifetime but the rest of the Library collected by the late John W. Kitchell remains and will be turned over to the University by the executor pursuant to Mrs. Kitchell's Will.

This report was received for record.

#### INVESTMENT OF MCKINLEY HOSPITAL ENDOWMENT FUNDS

(18) The Comptroller reports that in accordance with the action of the Board of Trustees on February 5 and 6, 1931, he has completed the purchase of the following investments of the McKinley Hospital Endowment Funds:

1. First Farm Mortgage of Charles Gourdier, interest at  $5\frac{1}{2}\%$ , issued March 1, 1931, maturity March 1, 1938, \$10,000.

2. First Farm Mortgage of James W. Castor, interest at  $5\frac{1}{2}\%$ , issued February 6, 1931, maturity February 1, 1936, \$2,000.

On motion of Dr. Noble, this action was approved.

On recommendation of the Finance Committee and on motion of

Mrs. Evans, the Comptroller was authorized to invest \$3,000 of the McKinley Hospital Endowment Funds in Central of Georgia, First Gold 5's, 1945.

**COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS**

(19) The following report from the Comptroller of contracts and purchase orders executed since the last report:

**CONTRACTS EXECUTED BY THE COMPTROLLER  
JANUARY 31, 1931, TO MARCH 5, 1931**

Cooperative research agreements executed on special authorization of the Board of Trustees in meeting of February 5, 1931, minutes page 151:

Name	Amount to be received by the University	Date	Purpose
Utilities Research Commission	\$7 500	February 9, 1931	For cooperative investigation of refrigeration at low brine temperatures by Engineering Experiment Station
Bureau of Public Roads of United States Department of Agriculture	20 000	February 9, 1931	For cooperative investigation of reinforced concrete arches by Engineering Experiment Station

Extension of cooperative research agreement executed on special approval of the Board of Trustees in meeting of February 5, 1931, minutes page 151:

Name	Amount to be received by the University	Date	Purpose
Ruhm Phosphate & Chemical Company and Thomson Phosphate Company	\$1 800	January 28, 1931	For cooperative investigation of rock phosphate as a fertilizer by Agricultural Experiment Station

Contract authorized under special authorization of the Board of Trustees in meeting of February 6, 1931, minutes page 174.

Name	Amount to be received by the University	Date	Item
Urbana Laboratories, A. L. Whiting, owner	Royalty of 10¢ a quart	February 17, 1931	For sale of phosphorus test solution known under trade name as Hi-Lo-Posfate Reagent

Minor contracts executed under general regulation:

Name	Amount to be received by the University	Date	Item
Illinois State Board for Vocational Education	Regular Fees	February 19, 1931	Regular Instruction in College of Commerce to be rendered to E. A. Wherry for two years from February 2, 1931
Otis Elevator Company	\$24 00 monthly	February 12, 1931	Weekly inspection and maintenance of elevator in Lincoln Hall Addition for five years beginning February 1, 1931

Renewal of lease of University property executed under general regulations:

Leased to	Property	Rental to be received by the University	Date	Tenure
Illinois Bell Telephone Company	98 pairs of University underground cables	\$264 60 a year	February 6, 1931	One year from January 1, 1931

LLOYD MOREY  
Comptroller

**PURCHASE ORDERS ISSUED IN FEBRUARY NOT OTHERWISE REPORTED**

Vendor	Item	Amount	Department	Appropriation made in budget for	Procedure
Electric Coal Company	Coal	\$1 500 00	Physical Plant	Coal Storage	Quoted
Electric Coal Company	Coal	1 500 00	Physical Plant	Coal storage	Quoted

H. M. EDWARDS  
Purchasing Agent

This report was received for record.

**CONTRACT FOR LIGHTING FIXTURES FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(20) The Supervising Architect submits the following schedule of bids received on lighting fixtures for the Medical and Dental Laboratories Building.

**MEDICAL AND DENTAL COLLEGE LABORATORIES  
LIGHTING FIXTURE BIDS**

<i>Contractors</i>	<i>Base Bid</i>
Walter G. Warren & Co.....	\$14 493 75
Wilmer S. Snow.....	14 763 15
Victor S. Pearlman & Co.....	15 608 09
Solar Illuminating Co.....	13 893 25 plus Frink Equip. \$2350 00
Henkel & Best Co.....	17 086 75
C. G. Everson & Co.....	17 115 05
Chester Johnson Electric Co.....	17 490 00
Moran & Hastings Mfg. Co.....	17 737 21
Jackson Electrical Co.....	19 440 00

*Bidders invited but no bids received.*

Hyland Electrical Supply Co., Edwin F. Guth Co., Lighting Specialties Co., Electric Appliance Co., General Electric Supply Co., Illinois Fixture Co., Ivanhoe Division of the Miller Co.

Messrs. Granger and Bollenbacher, architects on the building, recommend that the contract be awarded to the low bidder, Walter G. Warren & Company of Chicago, on the basis of their bid of \$14,493.75. The Supervising Architect concurs in this recommendation.

I recommend approval.

On motion of Dr. Noble, this contract was awarded to the lowest bidder as recommended.

**CONTRACT FOR SEATING IN MEDICAL AND DENTAL LABORATORIES BUILDING**

(21) The Supervising Architect submits the following schedule of bids received for the class room and lecture room seats for the Medical and Dental Laboratories Building:

**MEDICAL AND DENTAL COLLEGE LABORATORIES  
SCHEDULE OF SEATING BIDS**

*Item No. 1—400 Pedestal Arm Chairs with Book Rack*

A. H. Andrews Co.....	\$2192 00
Steel Furniture Co.....	2292 00
American Seating Co.....	2396 00
The Stafford Co.....	2380 00 (without book rack)

*Item No. 2—598 Tablet Arm Opera Chairs (Plywood Back and Seat)*

American Seating Co.....	\$2691 00 (ball and socket seat hinge)
Steel Furniture Co.....	2864 42
A. H. Andrews Co.....	2840 50
American Seating Co.....	2870 40 (ball bearing compensating seat hinge)

*Item No. 3—200 Tablet Arm Opera Chairs (Upholstered)*

The Stafford Co.....	\$1390 00
American Seating Co.....	1480 00 (ball and socket seat hinge)
Steel Furniture Co.....	1524 00
American Seating Co.....	1540 00 (ball bearing compensating seat hinge)
A. H. Andrews.....	1550 00

*Combined Items Nos. 2 and 3*

American Seating Co.—(ball and socket hinge).....	\$4171 00
Steel Furniture Co.....	4388 42
A. H. Andrews Co.....	4390 50
American Seating Co. (ball bearing compensating seat hinge).....	4410 40

Messrs. Granger and Bollenbacher, architects on the building, recommend that the contract for the 400 pedestal arm chairs with book racks be awarded to the A. H. Andrews Company of Chicago on the basis of their bid of \$2,192.00; and that the contract for the 598 tablet arm opera chairs (with plywood back and seat) and the 200 tablet arm opera chairs (upholstered) be awarded to the American Seating Company on the basis of their combined net bid of \$3,991.60 (total of \$4,171.00 less \$179.40 for 7/16" 5-plywood backs instead of 7-plywood). The Supervising Architect and the Purchasing Agent concur in this recommendation.

I recommend approval.

On motion of Mrs. Hopkins, these contracts were awarded as recommended.

**CONTRACT FOR ACOUSTICAL CORRECTION IN UNIVERSITY BUILDINGS**

(22) The Supervising Architect submits the following analysis of bids received for acoustical corrections in the Men's Gymnasium, the main gymnasium in the Woman's Building, in the Guild Room of Lincoln Hall, in Room 103 New Agriculture, and in Room 420 Commerce Building:

*TABLE I—SCHEDULE OF BIDS AS RECEIVED FOR ACOUSTICAL CORRECTION*

<i>Rooms to be Treated</i>	<i>Acoustical Engr. Corp.</i>	<i>Klein-Watson Co.</i>	<i>U. S. Gypsum Co.</i>	<i>Ralph Renwick</i>	<i>Thos. Moulding Acous. Engr. Co.</i>	<i>Armstrong Cork &amp; Ins. Co.</i>
	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>
Men's Gymnasium...	\$6 157 00	\$5 015 00	\$6 318 00	\$6 885 00	\$6 800 00	(No quotation)
Woman's Gymnasium (Woman's Building)						
No. 103 New Agriculture Building.....	3 310 00	3 264 00	3 172 00	3 888 00	3 840 00	\$4 925 00
No. 420 Commerce Building.....	324 00	734 00	489 00	986 70	363 00	696 00
Guild Room (Lincoln Hall).....	364 00	589 00	570 00	692 00	563 00	769 00
	579 00	593 00	587 00	711 00	460 00	969 00
<i>Totals</i> .....	\$10 734 00	\$10 195 00	\$11 136 00	\$13 162 70	\$12 026 00	\$7 359 00
Deductions if all under one contract.....		334 82				148 00
		net \$9 860 18				\$7 211 00
Cost per unit of absorption based on manufacturers' rating for absorption values for materials	\$0 873	\$0 867	\$1 09	\$1 16	\$1 19	\$1 40

These bids were received from different companies on their respective materials. There are no coefficients of sound absorption available which are strictly comparable for the materials upon which the two lowest bids are based. Tests were made in our Physics Laboratory on the relative sound absorption in the Johns-Manville Company Sanacoustic Tile on which the Acoustical Engineering Corporation is bidding, and upon the BB Celotex on which the Klein-Watson Company is bidding. The figures given in the schedule are the bids submitted by these firms, but the decision is based on the bids revised in accordance with the coefficients as determined by our tests.

The analysis shows that the Acoustical Engineering Corporation is the lowest bidder and, as its material has other advantages for the gymnasiums over that proposed by its competitors, the Supervising Architect recommends that the contract be awarded to the Acoustical Engineering Corporation for the several rooms scheduled at a total cost of \$10,796.29. Certain minor adjustments in these figures will have to be made when the actual number of square feet of material to be installed can be determined.

I concur in this recommendation.

On motion of Mr. Armstrong, this contract was awarded to the lowest bidder as recommended.

**ADDITIONS TO THE CONTRACT FOR THE MEDICAL AND DENTAL LABORATORIES BUILDING**

(23) The Supervising Architect recommends the addition of the following items to the W. E. O'Neil Construction Company's contract for the erection of the Medical and Dental Laboratories Building:

Changing glass in larger sash from double strength to plate glass. . . .	\$4 000
(This will result in a deduction of at least \$1500 on the Kawneer Company's contract, due to the elimination of muntins, so that the net increase in cost to the University will be \$2500)	
Plastering of partitions above the glazed tile wainscoting in 95 rooms..	5 397
Furnishing and installing 24 display cabinets in one of the corridors..	1 176

Total.....\$10 573

Funds for these items are available in the appropriation for this building.

I recommend approval.

On motion of Dr. Noble, this recommendation was adopted.

**PAYMENT FOR ARCHITECTURAL SERVICES ON SECOND UNIT OF MEDICAL AND DENTAL LABORATORIES BUILDING**

(24) The Supervising Architect submits a statement from Granger and Bollenbacher for professional services rendered in the preparation of preliminary studies for the proposed second unit of the Medical and Dental Laboratories Building, the amount involved being five thousand dollars, which is one-half of the total amount appropriated for these preliminary studies. He recommends approval of this payment.

I concur in the recommendation.

On motion of Mrs. Evans, this payment was authorized.

**CANADIAN PATENT ON RADIO TRANSMISSION**

(25) The Secretary reports the receipt of the following letter:

March 9, 1931

*University of Illinois, Board of Trustees, Urbana, Illinois*

GENTLEMEN:

We are enclosing herewith original Canadian Letters Patent No. 309,020, which issued to you on March 3, 1931, as assignee of Hugh A. Brown.

If you do not manufacture in Canada, others there may, after three years, compel the grant of license thereunder.

Whether you manufacture or import there under the patent, each article sold or offered for sale there must bear the marking "Patent No. 309,020, 1931."

Kindly acknowledge receipt of the original Canadian Letters Patent, and oblige.

Yours very truly,

BROWN, JACKSON, BOETTCHER, & DIENNER

On motion of Mr. Armstrong, this matter was referred to the faculty committee on patents for consideration and report.

**RADIO STATION**

(26) A report on the operation of the radio station.

This report was received for record.

**OPENING OF GOODWIN AVENUE**

(27) A request for reconsideration of the action opening Goodwin Avenue south of Nevada Street.

This matter was referred to the Committee on Buildings and Grounds for consideration and report.

**INSURANCE ON SECURITIES IN ESCROW**

(28) A recommendation of the Comptroller that the securities in which the endowment of the McKinley professorship is invested be insured in the National Surety Company at a cost of \$258 a year. By requirement of the deed of gift, these securities are held in escrow by the Trevett-Mattis Banking Company.

On motion of Mr. Williams, this insurance was authorized, the premium to be paid from the income from the securities.

**THIRD UNIT OF WOMAN'S RESIDENCE HALLS**

(29) The Supervising Architect has prepared general plans for the third unit of the Woman's Residence Halls, estimated to cost \$250,000 without furnishings.

On motion of Mrs. Evans, the Board approved in general the designs submitted, and instructed the Supervising Architect to prepare working drawings and to report progress from time to time.

**PURCHASE OF TURNER PROPERTY**

(30) A recommendation that the Turner property on Goodwin Street be purchased for \$9000. There is a mortgage for \$2500 on this property, which may be left, so that the present expenditure need be but \$6500.

On motion of Dr. Noble, this purchase was authorized. The appropriation of \$9000, or so much thereof as may be necessary, was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

**PURCHASE OF PROPERTY ON SPRINGFIELD AVENUE**

(31) A piece of property on Springfield Avenue, which may be used as a cooperative rooming house for girls, is offered.

This matter was referred to the Committee on Student Welfare for consideration and report.

**EXTRAS ON PRESIDENT'S HOUSE**

Professor White read a letter to President Barr recommending that \$5000 additional be appropriated for extras in the contract for the President's House. This includes \$3150 out of \$8900 for extras recommended by Mr. Platt, and certain items recommended by Professor White.

March 12, 1931

*Mr. George A. Barr, President of the Board of Trustees, University of Illinois*

DEAR MR. BARR:

In the course of the detailing of the interior work in the President's House, Mr. Platt has elaborated the work so as to involve a large number of extras. Some of these obviously were advantageous and well worth while. We have, however, estimates from the general contractor amounting to \$8900 for extras which have not been authorized.

In designing the interior, Mr. Platt has of course designed it all harmoniously, and we are now finding it difficult to eliminate one extra without revising adjacent details. I wish it might be possible for us to carry this house thru in its entirety in accordance with Mr. Platt's ideas, but as there must be a limit, I suggest that, of this \$8900 worth of extras, a list of which is enclosed, you approve about \$3150 worth. There are other extras in sight amounting to \$1350, the oil burner will cost \$1000, and our office expense to complete will be about \$2000. These figures total \$7500, and we have at present a \$3500 free balance in the appropriations already made, with a few other extras probable.

I therefore recommend that an additional appropriation of \$5000 be made, with the anticipation that this will cover the completion of the house to the point where it will be taken over by the decorator and furnisher, and I am leaving the lighting fixtures to be included in the decorating and furnishing item.

I wish very much that members of the Board might find time to look over in some detail the extras involved so that they will not be entirely dependent upon my recommendation in the matter.

Very truly yours,

JAMES M. WHITE  
*Supervising Architect*

President Chase stated that he did not feel that such elaboration of detail was necessary, and that as few extras as possible should be authorized.

On motion of Mr. Williams, the appropriation of \$5000 from the Reserve and Contingent Fund was made as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Williams, Mr. Trees.

#### COMMITTEES ON PATENTS AND LANDSCAPING

President Barr announced the appointment of the standing Committee on Patents and of the sub-committee on Landscaping the Campus as follows:

*Patents*—Mr. BARRETT, Chairman, Mr. ARMSTRONG, Mr. WILLIAMS.  
*Landscaping*—Mrs. HOPKINS, Chairman, Mr. ARMSTRONG, Mr. TREES.

#### STANDING COMMITTEES

In accordance with the By-Laws, the standing committees for 1931-32, appointed by President Barr on March 18, 1931, are printed here:

*Buildings and Grounds*—JAMES W. ARMSTRONG, Chairman, MERLE J. TREES, Mrs. LAURA B. EVANS, WALTER W. WILLIAMS, Mrs. MARJORIE ROBBINS HOPKINS.

*Sub-committee on Landscaping*—Mrs. MARJORIE ROBBINS HOPKINS, Chairman, JAMES W. ARMSTRONG, MERLE J. TREES.

*Finance*—MERLE J. TREES, Chairman, EDWARD E. BARRETT, Mrs. HELEN M. GRIGSBY.

*Patents*—EDWARD E. BARRETT, Chairman, JAMES W. ARMSTRONG, WALTER W. WILLIAMS.

*Chicago Departments*—WILLIAM L. NOBLE, Chairman, EDWARD E. BARRETT, Mrs. MARJORIE ROBBINS HOPKINS.

*Student Welfare*—Mrs. LAURA B. EVANS, Chairman, WALTER W. WILLIAMS, Mrs. MARJORIE ROBBINS HOPKINS.

*Affiliated Student Activities*—MERLE J. TREES, Chairman, Mrs. HELEN M. GRIGSBY, WILLIAM L. NOBLE.

*Alumni*—JAMES W. ARMSTRONG, Chairman, Mrs. LAURA B. EVANS, EDWARD E. BARRETT.

*Agriculture*—WALTER W. WILLIAMS, Chairman, Mrs. HELEN M. GRIGSBY, Mrs. LAURA B. EVANS.

#### TIME OF APRIL MEETING

On motion of Mr. Armstrong, it was voted to hold the April meeting at the Blackstone Hotel, in Chicago, at 10 a.m. on Wednesday, April 8, 1931.

**APPOINTMENTS MADE BY PRESIDENT CHASE**

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

Amtman, Leo E., Instructor in Internal Medicine, in the College of Medicine, beginning March 10, 1931, and continuing until September 1, 1931, without salary. (March 13, 1931)<sup>1</sup>

Andrews, John Harley, Assistant in the Bureau of Business Research, for five months beginning February 16, 1931, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (February 19, 1931)

Berdahl, Mrs. Evelyn Tripp, Assistant in English, on two-thirds time, beginning February 1, 1931, and continuing until Dr. Rinaker's return, and not later than July 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 12, 1931)

Bradley, C. W., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 6, 1931)

Conard, Vera, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 6, 1931)

Conard, Vera, Assistant in Chemistry, on one-half time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes her previous appointment). (February 19, 1931)

Cook, Richard Kaufman, Assistant in Physics, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (February 6, 1931)

Filbert, Carl, Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 25, 1931)

Finger, G. C., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 6, 1931)

Fox, Noah, Instructor in Otolaryngology, in the College of Medicine, beginning February 15, 1931, and continuing until September 1, 1931, without salary. (February 17, 1931)

Gibbs, Carlin Frary, Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Gingrich, Franklin Forrest, District Junior Club Leader, in the Agricultural Extension Service, in the College of Agriculture, for six months beginning March 1, 1931, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (it is understood that the yearly salary of \$3000 includes \$700 for automobile expense at 5c per mile actually traveled; in case this amount is more or less than the total actual mileage expense, the difference shall be adjusted on the last salary warrant). (February 18, 1931)

Hale, J. B., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 6, 1931)

Hamp, LeRoy Raymond, Associate in Voice, in the School of Music, on one-third time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 7, 1931)

Hanson, Henry Arthur, Assistant in Mathematics, on one-half time, beginning February 11, 1931, and continuing until July 1, 1931, at a cash compensation of three hundred seventy-five dollars (\$375). (February 12, 1931)

Hardin, Ruth, Assistant in the Loan Department of the Library, beginning February 10, 1931, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (February 16, 1931)

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

Hartley, Miles C., Assistant in Mathematics, on one-third time, beginning February 11, 1931, and continuing until July 1, 1931, at a cash compensation of two hundred fifty dollars (\$250). (February 12, 1931)

Heckman, Harry W., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 9, 1931)

Herrmann, J. A., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 6, 1931)

Heslip, Malcolm Farnsworth, Assistant in Business Organization and Operation, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 18, 1931)

Hobart, Clyde Monroe, Assistant in Mathematics, on one-half time, beginning February 11, 1931, and continuing until July 1, 1931, at a cash compensation of three hundred seventy-five dollars (\$375). (February 12, 1931)

Hoffman, Arnold, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 6, 1931)

Houghton, A. V., Assistant in Sociology, on one-half time, for five months beginning February 1, 1931, at a cash compensation of three hundred fifty dollars (\$350) (this supersedes his previous appointment). (February 12, 1931)

Jacquin, Mrs. Frances S., Assistant in Journalism, on one-half time, for four months beginning March 1, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 12, 1931)

Kluge, Ralph W., Special Research Assistant in Civil Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1931, and continuing until further notice, at a cash compensation at the rate of two hundred ten dollars (\$210) a month (this supersedes his previous appointment). (February 9, 1931)

Kratz, Ethel, to give instruction in Library Science in the Summer Session of 1931, on three-fourths time, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred dollars (\$300) for the session. (March 3, 1931)

Lee, Shison Chinglin, Research Assistant in Agricultural Economics, in the Agricultural Experiment Station, beginning February 11, 1931, and continuing until August 31, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 18, 1931)

Leonard, Naomi, Bookkeeper in the Auditing division of the Business Office, for six months beginning March 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 18, 1931)

Lindeman, Marvel Fred, Instructor in Civil Engineering, in the College of Engineering, for five months beginning February 1, 1931, at a cash compensation at the rate of two hundred ten dollars (\$210) a month. (February 9, 1931)

Lockett, John A., Assistant in Zoology, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (February 12, 1931)

McCoy, R. H., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Meints, R. E., Assistant in Chemistry, on three-fourths time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (February 19, 1931)

Miller, Edwin L., Assistant in Zoology, on three-fourths time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred thirty-five dollars (\$135) a month (this supersedes his previous appointment). (February 12, 1931)

Millhouse, George, Jr., Assistant in English, on two-thirds time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (February 12, 1931)

Moorman, Robert Burrus Buckner, Special Research Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1931, and continuing until further notice, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (February 6, 1931)

Page, John L., Associate in Geology, for seven months beginning February 1, 1931, at a cash compensation at the rate of two hundred thirty-three dollars thirty-three and one-third cents (\$233.33 $\frac{1}{3}$ ) a month (this supersedes his previous appointment). (February 7, 1931)

Parsons, Theophilus, Jr., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Phelps, Frederick M., Jr., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 6, 1931)

Porter, David J., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 25, 1931)

Robertson, Pauline, Assistant in Chemistry, on one-half time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes her previous appointment). (February 19, 1931)

Rogers, Carolyn Ruth, Assistant in Mathematics, on two-thirds time, beginning February 9, 1931, and continuing until July 1, 1931, at a cash compensation of five hundred dollars (\$500). (February 6, 1931)

Rucker, H. J., Instructor in Agricultural Education, on three-fourths time, for seven months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 10, 1931)

Sarkissian, Arshag Ohan, Assistant in History, on one-half time, beginning February 11, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 25, 1931)

Schauer, F. R., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Schneider, Elizabeth, Assistant in English, on one-third time, for five months beginning February 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 19, 1931)

Scholfield, Lydia M., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Stith, Gertrude Ernestine, Assistant in Mathematics, on two-thirds time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (February 12, 1931)

Summerville, Milton J., Assistant in Obstetrics and Gynecology, in the College of Medicine, on one-fourth time, for six months beginning March 1, 1931, at a cash compensation at the rate of thirty-three dollars thirty-three and one-third cents (\$33.33 $\frac{1}{3}$ ) a month (this supersedes his previous appointment). (March 11, 1931)

Thomasson, Arnold Lee, Teacher in the University High School, on one-half time, beginning February 11, 1931, and continuing until June 11, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 13, 1931)

Will, Samuel Frederic, Assistant Professor of Romance Languages, for two years beginning September 1, 1931, at a cash compensation of thirty-five hundred dollars (\$3500) a year. (February 19, 1931)

Woodward, C. F., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 6, 1931)

Woodward, C. F., Assistant in Chemistry, on one-half time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 19, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

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# MEETING OF THE BOARD OF TRUSTEES

OF THE

# UNIVERSITY OF ILLINOIS

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April 8, 1931



The April 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. on Wednesday, April 8, 1931. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams.

President Chase was present; also, during part of the day, Mr. Capron, Treasurer, Judge Johnson, Legal Counsel, and Professor White, Supervising Architect.

#### MINUTES PRESENTED

The Secretary presented the minutes of the meeting of March 11, 12, 1931. Action on the minutes was deferred (see page 212).

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**REPORT ON APPROPRIATION BILLS**

(1) A report on the progress of the appropriation bills for the University in the General Assembly.

This report was received for record.

**DEATH BENEFIT, PROFESSOR JULIUS GOEBEL**

(2) A report that Professor *Emeritus* Julius Goebel of the Department of German died on Saturday, March 28, 1931. He had been on the staff from May 2, 1908, until September 1, 1926, when he retired under the rules of the Board of Trustees. The death benefit payable in his case is \$1,000.

I recommend that this amount be appropriated from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to make payment to Professor Goebel's designated beneficiary.

On motion of Mrs. Evans, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson, Dr. Noble.

**LEGISLATION FOR OPERATION OF RESEARCH AND EDUCATIONAL HOSPITAL**

(3) The Legal Counsel of the University and the Director of the State Department of Public Welfare submit a bill for an Act relating to the operation of the Research and Educational Hospital, which is a revision of a previous form presented to the Board. This proposal is the result of a year's study of the cooperative arrangement between the University and the Department by a joint committee representing the two agencies and meets with the approval of the medical faculty and the officials of the department.

Copies of this bill were sent by the Legal Counsel to the Members of the Board. It is very desirable that this bill be introduced in the Legislature as soon as possible and I therefore recommend that definite action be taken by the Board at this time sanctioning the proposed legislation.

On motion of Mr. Barrett, the proposed bill was sanctioned.

**TREASURER'S BOND APPROVED**

At this point, at the request of President Barr, Mr. Williams presented the following report of the special committee on the bond of Mr. Hazen S. Capron as Treasurer, together with the bond and papers pertaining to it.

The special committee to which was referred the matter of the qualifying of the Treasurer elect, reports that it has investigated the matter, has examined the bond and the financial responsibility of the sureties, and has found the bond to be sufficient to protect the interests of the University. We therefore recommend that the bond be approved and that the Treasurer be declared to have qualified.

GEORGE A. BARR  
WALTER W. WILLIAMS  
EDWARD E. BARRETT

**BOND**

**KNOW ALL MEN BY THESE PRESENTS**, That we, HAZEN S. CAPRON, as Principal, Newton M. Harris, Bruce B. Harris, Julia Harris Dodds, and Barbara H. Dobbins as sureties are held and firmly bound unto the Board of Trustees of the University of Illinois, in the penal sum of Two Million (\$2,000,000) Dollars lawful money of the United States of America, for the payment of which sum well and truly

to be made, we bind ourselves, our respective heirs, executors, administrators, and assigns, and each of them, by these presents.

*THE CONDITION* of the above obligation is such that

*WHEREAS*, the above bounden HAZEN S. CAPRON was on the 11th day of March, A. D. 1931, duly elected to the office of treasurer of the University of Illinois, for a period ending on the 11th day of March, A. D. 1933, or until his successor shall be appointed and qualified and is about to assume the duties of said office:

*NOW, THEREFORE*, if the said HAZEN S. CAPRON shall well and truly perform and faithfully discharge the duties of Treasurer of said University of Illinois, during his term of office, and shall faithfully keep and truly account for all moneys, bonds, securities, or other property coming into his hands as such Treasurer, during his term of office, and shall pay when properly drawn and presented to him all warrants, authorized by the Board of Trustees of the University of Illinois, drawn against funds in his hands belonging to the said University of Illinois, and at the expiration of his term of office, on due request to him, shall pay over and deliver to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys, bonds, securities or any other property received by him as such Treasurer and not otherwise lawfully paid out or disposed of, and shall deliver to his successor in office, or any other person appointed to receive the same, the property, papers, and other things in his hands belonging to said office, and shall at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of the said University of Illinois, render a just and true account of his doings, as such Treasurer, then this obligation shall be null and void; otherwise to remain in full force and effect.

It is agreed that the liability of the principal and of any surety hereunder shall in no manner be affected or lessened by reason of the fact that the principal may demand and receive security from any depository in which funds or securities, belonging to or in the custody of the Board of Trustees of the University of Illinois, may be deposited by him, in order to secure such deposit, whether the security thus demanded and received be in the form of collateral securities or of surety bonds, and whether the securities thus demanded and received by the principal be deposited with or in escrow for the Board of Trustees of the University of Illinois, or otherwise; and in case of failure to perform any of the conditions of this obligation, it is agreed that the Board of Trustees of the University of Illinois may elect to proceed against the sureties hereunder, or the surety or security furnished by the depository hereinbefore referred to, in any order, according to its discretion, without affecting or altering the legal liability of the principal and of any surety hereunder to respond in damages.

*WITNESS OUR HANDS AND SEALS THIS* 28th day of March, A. D. 1931.

HAZEN S. CAPRON  
 NEWTON M. HARRIS  
 BRUCE B. HARRIS  
 JULIA HARRIS DODDS  
 BARBARA H. DOBBINS

STATE OF ILLINOIS }  
 CHAMPAIGN COUNTY } ss.

I, C. Calvert, A Notary Public in and for said County in the State aforesaid, do hereby certify that HAZEN S. CAPRON, Newton M. Harris, Bruce B. Harris, Julia Harris Dodds, and Barbara H. Dobbins, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this 28th day of March, A. D. 1931.

C. CALVERT  
*Notary Public*

Approved:  
 SVEINBJORN JOHNSON  
*Legal Counsel*

4-8-1931

On motion of Mr. Williams, the recommendation of the committee was adopted; i.e., the bond presented by Mr. Capron was approved and Mr. Capron was declared to have qualified as Treasurer, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson, Dr. Noble.

**APPROPRIATION FOR LEGAL COUNSEL**

(4) A recommendation that an appropriation of \$250, or so much thereof as may be necessary, be made to the Legal Counsel's Office for his expense and equipment fund.

On motion of Mr. Armstrong, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson, Dr. Noble.

**APPROPRIATION FOR DEPARTMENT OF ANIMAL HUSBANDRY**

(5) A request from the Dean of the College of Agriculture that the balance of \$1,212.52 in the unappropriated excess receipts of the Department of Animal Husbandry be appropriated to that Department to offset an equal amount charged against the Live Cattle Station account in connection with the new feed storage plant. I recommend approval.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson, Dr. Noble.

**APPROPRIATION FROM PURNELL FUNDS**

(6) A recommendation from the Dean of the College of Agriculture that appropriations from the Purnell Unassigned Contingent Fund be made as follows:

Farm Organization and Management, Purnell, Expense and Equipment...	\$1	500	00
Home Economics, Purnell, Expense and Equipment.....		850	00
Dairy Husbandry, Purnell, Expense and Equipment.....		100	00
Administration, Purnell, Expense and Equipment.....		204	01

\$2 654 01

This amount was included in the Purnell Expense and Equipment Fund, in the budget, unassigned and subject to appropriation by the Board.

I recommend that this appropriation be made.

On motion of Mr. Blair, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson, Dr. Noble.

**APPROPRIATION FOR PURCHASE OF BOOKKEEPING MACHINES**

(7) Requests: 1. From the Comptroller for a special appropriation of \$2400, or so much thereof as may be necessary, for the purchase of bookkeeping machines in the Urbana departments; the present machines have been in use about eight years and are beginning to require constant repair and when they are in this condition there is always danger of inaccurate operation; and

2. From the Dean of the College of Medicine, approved by the Supervising Architect and the Comptroller, for the purchase of a bookkeeping machine (Electric Automatic Adding-Typewriter Bookkeeping Machine) for use in the Business Office of the Chicago departments at a net cost of \$1150.69, f.o.b. installed, from the National Cash Register Company. The cost of this equipment can be charged to the appropriation for the Medical and Dental Laboratories Building.

I recommend the appropriation of \$2400, or so much thereof as may be necessary, from the Reserve and Contingent Fund for the purchase of bookkeeping machines for

the Urbana departments; and that the purchase of a machine for the Chicago departments be authorized.

On motion of Mr. Williams, these recommendations were adopted; the appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emerson, Dr. Noble.

#### SICK LEAVE FOR PROFESSOR C. E. PALMER

(8) A request from the Head of the Department, endorsed by the Dean of the College, that Professor C. E. Palmer of the Department of Architecture be given leave of absence until September 1, 1931, on full pay on account of serious illness.

I recommend that Professor Palmer be given sick leave on full pay until September 1, 1931.

On motion of Mr. Blair, this leave was granted.

#### RETIREMENT OF DEAN KENDRIC C. BABCOCK

(9) Dr. Kendric C. Babcock, Dean of the College of Liberal Arts and Sciences and Provost of the University, requests that he be retired effective September 1, 1931, under Section III, Paragraph (a) of the rules governing Retiring Allowances. He has been on the staff continually, except for leave of absence twice on account of illness and once for foreign travel, since April 23, 1913, and has served as Provost since September, 1920. At various times he has also served as Director of the Summer Session. He is well beyond the minimum age when he may request retirement under the rules.

I recommend approval of this request.

On motion of Mr. Blair, this request was granted, and the President of the University was requested to convey to Dean Babcock an expression of the appreciation of the Board, for his distinguished services to the University.

#### OAKLEAF COLLECTION OF LINCOLNIANA

(10) A statement concerning the Oakleaf collection of Lincolniana, which is offered for sale to the University.

On motion of Mr. Trees, a special committee consisting of President Barr, President Chase, Mr. Blair, Mrs. Hopkins, and Mr. Williams was appointed to investigate this matter and to report to the Board as soon as possible.

#### CONTRACTS AWARDED BY ATHLETIC ASSOCIATION FOR SKATING RINK

(11) The following report of contracts awarded by the Athletic Association for the skating rink:

General Work—Trimmer-Nydele Company, 111 West Washington Street, Chicago, Illinois.....	\$186	461
Plumbing and Heating—A. W. Murray Company, Hoopeston, Illinois....	31	550
Electrical Work—Hatfield Electric Co., Indianapolis, Indiana.....	18	962
Refrigerating—Carbondale Machinery Co., 222 Kinzie, Chicago, Illinois....	54	705
Insulation—Armstrong Cork & Ins. Co., Lancaster, Pennsylvania.....	2	738
Architect—Holabird & Root, 333 North Michigan Avenue, Chicago, Illinois	} Five per cent of total cost	

This report was received for record.

#### INSURANCE FOR UNIVERSITY AUTOMOBILES

(12) The Supervising Architect and the Comptroller report that in accordance with the policy of the Board, adopted March 13, 1928, (Minutes, page 565), they have placed property damage and public liability insurance on University automobiles for

one year beginning April 5, 1931, with the Commercial Casualty Insurance Company of Newark, New Jersey, represented by Beers and Beers Company, Champaign. The present insurance expired on April 5. Bids were invited from all persons interested and this Company and Agency offered the lowest proposal. This report, together with a schedule of the quotations received and information concerning the insurance companies, is submitted for record.

This report was received for record.

#### APPROVAL OF VARIOUS PURCHASES

(13) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

1. Five thousand copies of Soil Survey maps of Schuyler, Jasper, Washington, and Clinton Counties for the Department of Agronomy from the Eastern Offset, Inc., of Baltimore, Maryland, the low bidder, at a price of \$3,210, f.o.b. Urbana.

2. A supply of Pyrex laboratory glassware for the General Chemistry Storeroom (to be charged out to Chemistry and other departments as requested by them) from the W. M. Welch Manufacturing Company of Chicago, amounting to approximately \$2,400.

3. A car of lumber from the T. A. Foley Lumber Company of Paris, Illinois, at a price of \$1,435, f.o.b. Urbana. (This material is used in repair work at the Physical Plant and is charged out from the Physical Plant Storeroom to appropriations for that work.)

4. One thousand tons of coal from the Western Fuel Company of Chicago, at a price of \$6,100, for the Chicago departments (old buildings) for the year beginning May 1, 1931.

5. Seven additional articles of equipment for the Department of Physics from the Spencer Lens Company of Boston at a price of \$4,287.25. (This equipment includes a Hilger Glass Spectrograph, Comparator, Slit, Diaphragm, Quartz Prism with lens and mounting, 30 60 Prisms, and Achromatic Lens.)

This report was received for record.

#### GIFTS TO THE UNIVERSITY

(14) The following report of gifts received by the University since the last report:

1. From Dr. F. B. Earle, formerly a member of the faculty of the College of Medicine, a gift of ninety-five volumes and two pictures of interest, one a portrait of himself, to be kept at the Medical Library.

2. From the Whiting Corporation of Harvey, Illinois, a steel pedestal worth approximately \$400 to be used in the investigation of testing thin cylindrical shells as columns carried on in cooperation with the Chicago Bridge and Iron Works.

3. From the Bell Telephone Company, certain lead-covered telephone cables, worth approximately \$350, to the Department of Electrical Engineering. These cables will make a valuable addition to the equipment in the electrical communication laboratory of the Department.

4. From the American Medical Association a grant of \$150 to aid in the study of microscopic changes in the bones and teeth under the influence of anterior lobe hypophysis.

5. From Messrs. Robert W. Johnson and Leo Burk, graduates of the College of Law of the University, a crayon portrait of Gladstone.

6. From Dr. Frances S. Turley of Los Angeles, California, forty-eight volumes of books, a set of the American Journal of Roentgenology, and a collection of X-Ray plates and reprints for the College of Medicine.

This report was received for record.

#### REQUIREMENTS FOR ADMISSION TO COLLEGE OF MEDICINE

(15) A recommendation from the faculty of the College of Medicine and the University Senate that the following changes be made in the requirements for admission to the College of Medicine, effective September, 1932:

1. An applicant, whether from the University of Illinois, or from other institutions of recognized standing, must have attained in his pre-medical work, a scholastic average of not less than 3.5, or its equivalent as determined by the University of

Illinois for institutions using a different grading system. In determining the scholastic average, grades received in military science, physical education, and hygiene will not be considered. The interpretation of this rule is carried out by translation of the literal grade into figures as follows: A-5; B-4; C-3; D-2; E-1. The individual grades are multiplied by the respective number of semester hours which each represents and the total of these figures is divided by the total number of semester hours required, less work in military, physical education, and hygiene.

2. Instead of "Biology," "Zoology" shall be required. This requirement must include a course in general zoology and one in vertebrate embryology. Botany is no longer accepted as meeting any part of the prescribed portion of the requirement.

This matter has been under consideration by the medical faculty and in conference between Dean Davis and myself for several months and I concur in the above recommendations.

On motion of Mr. Williams, these requirements were approved.

#### REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF DENTISTRY

(16) A recommendation from the faculty of the College of Dentistry and the University Senate that, effective September, 1932, the requirements for admission to Dentistry be as follows:

Chemistry (including organic chemistry; 4 semester hours) . . . . .	12 hours
Physics (at least 2 hours of laboratory work) . . . . .	8 hours
Biology (at least 4 hours of laboratory work*) . . . . .	8 hours
English . . . . .	6 hours
German, French . . . . .	6 hours
Electives outside of the chemical, physical and biological sciences . . . . .	6 hours
Free electives exclusive of military, hygiene and physical education . . . . .	14 hours

(\*This requirement may be satisfied by a course of 8 semester hours in either general biology or zoology, or by courses of 4 semesters each in zoology and botany, but not by botany alone.)

On motion of Mr. Armstrong, these requirements were approved.

#### REVISED CURRICULUM IN SCHOOL OF PHARMACY

(17) On December 9, 1930 (Minutes, page 126), the Board authorized a new four-year curriculum in pharmacy leading to the degree of Bachelor of Science in Pharmacy, the first year to be administered as an admission requirement and to include one year of work (not less than 30 semester hours exclusive of military training, physical education, and hygiene) in a recognized college or university and including certain prescribed subjects. Pursuant to this action the University Senate recommends that the following curriculum covering the second, third, and fourth years, be adopted effective September 1, 1932:

#### REVISED CURRICULUM SCHOOL OF PHARMACY

	Clock Hours Per Week		Total Clock Hours	Total Semester Hours
	Lec. and Rec.	Lab.		
<i>1st semester—Sophomore Year</i>				
Pharmacy 1, 2, and 3 . . . . .	7	3	10	8
*Chemistry 4 . . . . .	2	6	8	4
Materia Medica and Botany 1 . . . . .	3	3	6	4
<i>Total for semester</i> . . . . .	12	12	24	16
<i>2nd semester—Sophomore Year</i>				
*Pharmacy 4 and 5 . . . . .	3	4	7	4
*Chemistry 6 . . . . .	4	4	8	5
*Materia Medica and Botany 3 . . . . .	2	6	8	4
*Physics (new) . . . . .	3	3	6	4
<i>Total for semester</i> . . . . .	12	17	29	17
<i>1st semester—Junior Year</i>				
Pharmacy 6 and 7 . . . . .	4	6	10	6
*Chemistry 8 . . . . .	3	4	7	4
*Materia Medica and Botany 5 . . . . .	2	6	8	4
*Physics (new) . . . . .	3	3	6	4
<i>Total for semester</i> . . . . .	12	19	31	18

<i>2nd semester—Junior Year</i>				
Pharmacy 8 and 9.....	4	6	10	6
*Chemistry 5.....	3	6	9	5
*Materia Medica and Botany 7.....	2	6	8	4
Materia Medica and Botany 2.....	3	0	3	3
<i>Total for semester</i> .....	12	18	30	18
<i>1st semester—Senior Year</i>				
Pharmacy 10 and 11.....	4	6	10	6
Chemistry 9 and 10.....	3	6	11	5
Materia Medica and Botany 8.....	3	9	12	6
<i>Total for semester</i> .....	10	23	33	17
<i>2nd semester—Senior Year</i>				
*Business Law (new).....	1	0	1	1
Pharmacy 12 and 13.....	4	6	10	6
Chemistry 11.....	1	8	9	3
Materia Medica and Botany 9.....	3	0	3	3
*Materia Medica and Botany 10.....	1	6	7	3
Dispensary.....	0	3	3	1
<i>Total for semester</i> .....	10	23	33	17

\*Courses marked thus are either changed or new.

Total semester hours in the three years..... 103

Average number of clock hours of classes per week, per semester..... 30

I recommend approval.

On motion of Mrs. Grigsby, this curriculum was approved.

#### CHANGE IN STATUS OF SCHOOL OF PHARMACY

(18) A recommendation from the University Senate that the School of Pharmacy be changed to the College of Pharmacy, effective in September, 1932, in view of the fact that the curriculum has been put on a four-year basis leading to the degree of Bachelor of Science in Pharmacy.

I recommend approval.

On motion of Mrs. Evans, this change was approved.

#### CURRICULUM IN ART AND DESIGN

(19) The University Senate submits the following curriculum in art and design for the first year, to become effective in September, 1931, for students who desire to begin work in art and design in the College of Fine and Applied Arts next year:

<i>First Semester</i>	
Art 1a, Cast and Still Life.....	4
Art 2a, Composition and Design.....	2
Art 3a, Anatomy and Sketch.....	2
Foreign Languages.....	4
Rhetoric 1.....	3
Physical Education and Hygiene.....	1
Military.....	1
	17
<i>Second Semester</i>	
Art 1b, Cast and Modeling.....	3
Art 2b, Composition and Design.....	3
Art 3b, Anatomy and Sketch.....	2
Foreign Language.....	4
Rhetoric 2.....	3
Physical Education and Hygiene.....	1
Military.....	1
	17

I recommend approval.

On motion of Mr. Blair, this curriculum was approved.

## REGISTRAR'S REPORT OF FEES

(20) The following report from the Registrar of fees assessed for the first semester of 1930-31 in the Urbana and Chicago departments:

URBANA DEPARTMENTS			
	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 39 110 00	\$1 040 00	\$ 38 070 00
Incidental Fees			
Resident.....	214 480 00	6 537 50	207 942 50
Non-Resident.....	51 862 50	1 556 25	50 306 25
Thesis work in Absentia.....	220 00	.....	220 00
Tuition Fees.....	1 215 00	131 25	1 083 75
Visitor's Fees.....	341 25	.....	341 25
Late Registration Fees.....	1 195 00	450 00	745 00
Change Fees.....	1 824 00	2 00	1 822 00
Special Examination Fees.....	775 00	25 00	750 00
Transcript of Credits Fees.....	334 50	.....	334 50
Diploma Fees.....	4 220 00	20 00	4 200 00
<i>Total, General Fees, Urbana.....</i>	<i>\$315 577 25</i>	<i>\$9 762 00</i>	<i>\$305 815 25</i>
Laboratory Fees			
Agronomy.....	\$ 337 00	\$ 5 50	\$ 331 50
Anatomy.....	720 00	60 00	660 00
Animal Husbandry.....	5 00	.....	5 00
Athletic Coaching.....	557 00	50 50	506 50
Bacteriology.....	714 00	39 50	674 50
Botany.....	981 00	43 50	937 50
Ceramic Engineering.....	223 00	17 50	205 50
Chemistry.....	21 033 13	1 235 50	19 797 63
Civil Engineering.....	586 50	12 75	573 75
Dairy Husbandry.....	92 00	4 50	87 50
Electrical Engineering.....	646 50	5 50	641 00
Entomology.....	336 75	32 00	304 75
Farm Mechanics.....	172 00	11 75	160 25
French.....	17 00	50	16 50
General Engineering Drawing.....	1 049 00	55 50	993 50
Geology.....	501 50	8 50	493 00
Home Economics.....	1 221 50	25 25	1 196 25
Horticulture.....	568 50	28 00	540 50
Journalism.....	434 00	23 50	410 50
Law.....	37 00	.....	37 00
Mechanical Engineering.....	1 921 50	27 00	1 894 50
Mining Engineering.....	28 00	.....	28 00
Music.....	4 725 00	275 00	4 450 00
Physical Education (Women).....	2 394 00	113 25	2 280 75
Physics.....	2 949 50	80 75	2 868 75
Physiology.....	857 50	40 25	817 25
Psychology.....	102 50	8 50	94 00
Railway Engineering.....	15 00	.....	15 00
T. & A. Mechanics.....	778 00	20 75	757 25
Zoology.....	1 721 88	74 15	1 647 73
<i>Total, Laboratory Fees, Urbana.....</i>	<i>\$ 45 725 26</i>	<i>\$ 2 299 40</i>	<i>\$ 43 425 86</i>
<i>Total Fees, Urbana Departments.....</i>	<i>\$361 302 51</i>	<i>\$12 061 40</i>	<i>\$349 241 11</i>
CHICAGO DEPARTMENTS			
	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 3 590 00	\$ 130 00	\$ 3 460 00
Tuition Fees.....	69 562 19	2 175 68	67 386 51
Physicians Courses.....	500 00	.....	500 00
Late Registration Fees.....	50 00	.....	50 00
Transcript of Credits Fees.....	15 00	.....	15 00
Special Examination Fees.....	435 00	.....	435 00
Diploma Fees.....	530 00	.....	530 00
<i>Total, General Fees, Chicago.....</i>	<i>\$ 74 682 19</i>	<i>\$2 305 68</i>	<i>\$ 72 376 51</i>
Obstetric Fee.....	\$ 1 365 00	\$ 52 00	\$ 1 313 00
Laboratory Fees.....	\$ 21 711 50	\$ 910 03	\$ 20 801 47
<i>Total Fees, Chicago Departments.....</i>	<i>\$ 97 758 69<sup>1</sup></i>	<i>\$ 3 267 71</i>	<i>\$ 94 490 98</i>
<i>Total Fees, University.....</i>	<i>\$459 061 20</i>	<i>\$15 329 11</i>	<i>\$443 732 09</i>

<sup>1</sup>Does not include a total of \$15,156.58 charged as deposits, breakage, and locker fees. Of this amount \$771.93 was refunded.

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND  
PURCHASE ORDERS**

(21) The following report from the Comptroller of contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER  
MARCH 5, 1931, TO APRIL 3, 1931*

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of March 12, 1931:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
American Railway Associates and Rail Manufacturer's Technical Committee	\$125 000	March 18, 1931	For cooperative investigation of railroad rails by the Engineering Experiment Station

Minor contracts executed under general regulations:

<i>Name</i>	<i>Amount to be paid by the University</i>	<i>Date</i>	<i>Item</i>
Alphons Custodis Chimney Con- struction Company	\$10 a year	April 1, 1931	Service inspection of Power Plant Chimney

LLOYD MOREY  
*Comptroller*

This report was received for record.

**REVISED LABORATORY FEE SCHEDULE IN  
SCHOOL OF PHARMACY**

(22) A recommendation from the Dean of the School of Pharmacy, endorsed by the Comptroller and the Provost, that the following schedule of laboratory fees in the School of Pharmacy be adopted to go into effect the beginning of the academic year 1931-32:

*REVISED SCHEDULE OF LABORATORY FEES*

<i>First Semester</i>		<i>Freshman Year</i>		<i>Second Semester</i>	
Botany 1.....	\$ 6 00	Botany 3.....	\$ 4 00	Chemistry 4.....	7 00
Chemistry 1A.....	7 00	Chemistry 4.....	7 00	Pharmacy 5.....	7 00
Pharmacy 2.....	7 00	Pharmacy 5.....	7 00		
	\$20 00		\$18 00		
<i>Total, Freshman Year</i> .....					\$38 00
<i>Junior Year</i>		<i>Junior Year</i>		<i>Junior Year</i>	
Pharmacognosy 5.....	\$ 8 00	Pharmacognosy 7.....	\$ 8 00	Chemistry 7.....	9 00
Chemistry 5.....	9 00	Chemistry 7.....	9 00	Pharmacy 9.....	10 00
Pharmacy 7.....	10 00	Pharmacy 9.....	10 00		
	\$27 00		\$27 00		
<i>Total, Junior Year</i> .....					\$54 00
<i>Senior Year</i>		<i>Senior Year</i>		<i>Senior Year</i>	
Bacteriology 8.....	\$10 00	Pharmacognosy 10.....	\$ 6 00	Chemistry 11.....	15 00
Chemistry 10.....	15 00	Chemistry 11.....	15 00	Pharmacy 13.....	10 00
Pharmacy 10.....	10 00	Pharmacy 13.....	10 00		
	\$35 00		\$31 00		
<i>Total, Senior Year</i> .....					\$66 00

On motion of Mr. Armstrong, these fees were authorized.

**CANDIDATES FOR THE HONORARY DEGREE OF  
DOCTOR OF LAWS**

(23) A recommendation from the University Senate that the honorary degree of Doctor of Laws be conferred on the following persons at the inauguration of the President on May 1, 1931:

EUGENE DAVENPORT, Dean of the College of Agriculture, 1895-1922.

EVARTS BOUTELL GREENE, DeWitt Clinton professor of history, Columbia University since 1926, a member of the faculty of the University of Illinois from 1894-1923; Dean of the College of Literature and Arts, 1906-1913.

CHARLES HENRY RAMMELKAMP, President of Illinois College since 1905.  
 ARTHUR NEWELL TALBOT, Professor of municipal and sanitary engineering and  
 in charge of theoretical and applied mechanics, 1890-1926.

This recommendation is contingent on the presence of the above nominees at the exercises, which is in accordance with the University's policy that no honorary degree may be conferred *in absentia*. I recommend that the award of these degrees be approved by the Board subject to this condition.

On motion of Mr. Trees, these degrees were authorized as recommended.

#### LOCKERS FOR MEDICAL AND DENTAL LABORATORIES BUILDING

(24) The Supervising Architect submits the following schedule of bids received on lockers for the Medical and Dental Laboratories Building:

	143 single tier, single row	456 single tier, double row	162 triple tier, single row	336 triple tier, double row	Moving and setting old lockers	
1. Berger Manufacturing Co. Canton, O., and Chicago.						\$3 743 64
2. Lyon Metal Products, Inc.	\$ 4 77	\$ 4 39	\$ 2 17	\$ 2 07		
Aurora, Illinois.	682 11	2001 84	351 54	695 52	\$65 00	3 796 01
3. All Steel Equipment Co.	4 78	4 53	2 32	2 27		
Aurora, Illinois.	683 54	2065 68	375 84	762 72	36 60	3 924 38
4. Fred Medart Mfg. Co.	5 15	4 93	2 14	2 07		
St. Louis and Chicago.	736 45	2248 08	346 68	695 52	61 00	4 087 73
5. Durabilt Steel Locker Co.	5 45	5 25	2 24	2 17		
Aurora, Illinois.	779 35	2394 00	362 88	729 12	127 10	4 392 45

Because the bids were so close, the bidders were asked to send full-sized samples of their lockers to the Medical College for examination by the Dean, the Purchasing Agent, and the architects. The specimen submitted by the second low bidder appeared to be the best for our particular use because of the greater rigidity of the doors and the Supervising Architect recommends that the contract be awarded to the Lyon Metal Products, Inc. of Aurora, Illinois, on the basis of their bid of \$3,796.01, which is only \$52.37 above that of the lowest bidder.

Since the receipt of the bids the Dean and Business Manager have decided that the lockers should be equipped with the new Dudley self-locking combination lock instead of the padlock hasps. These locks cost \$1.25 attached to the lockers and the same combination lock without the self-locking feature can be applied to the Lyon lockers now installed in the old building. The additional cost for the locks will be \$1,447.50, making the entire contract price \$5,243.51.

I concur in the recommendation of the Supervising Architect that the contract be awarded to the Lyon Metal Products, Inc. for the sum of \$5,243.51, to be paid out of the appropriation for the building.

On motion of Mr. Trees, this contract was awarded as recommended.

#### ADMINISTRATIVE ORGANIZATION

(25) A statement concerning the administrative organization of the University.

On motion of Mr. Trees, the President of the Board was authorized to appoint a committee of three members of the Board, to study this matter in conference with the President of the University and the President of the Board, and to report to the Board.

President Barr appointed Mr. Trees, Mrs. Evans, and Mr. Williams to serve on this committee.

#### CLAIM OF LUCIUS CARTER

President Barr read some correspondence concerning a claim of Mr. Lucius Carter, half-brother of Mr. Joseph Carter, for assistance from the Carter-Pennell fund (see Minutes, April 19, 1927, page 252).

This matter was referred to the President of the Board for investigation and report.

#### ARBORETUM AND LANDSCAPING

Mrs. Hopkins, for the Committee on Landscaping, presented a report of progress on the arboretum, and a recommendation that the necessary planting in the immediate vicinity of the President's House be authorized.

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

#### INVESTMENT OF TRUST FUNDS

Mr. Trees, for the Finance Committee, stated that there were uninvested trust funds amounting to \$3500.

On motion of Mr. Williams the Finance Committee was authorized to invest these funds in proper securities and to report to the Board.

#### OPENING OF GOODWIN AVENUE

Mr. Armstrong, for the Committee on Buildings and Grounds, presented a recommendation that no change be made in the plan to open Goodwin avenue, from Nevada street to Gregory drive (Minutes, February 6, 1931, page 172, and March 12, 1931, page 193); but that the matter of closing Mathews avenue south of the Music building be referred to the Committee on Landscaping for study and report.

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

#### COMMITTEE ON PATENTS

Mr. Barrett, for the Committee on Patents, made a report of progress on the negotiations for the development of the process for the removal of sulphur from stack gases.

#### APPROVAL OF MINUTES

On motion of Mr. Armstrong, the minutes of the meeting of March 11, 12, 1931, were approved as printed on pages 181 to 199 above.

#### MAY MEETING

On motion of Mr. Armstrong, it was voted to hold the May meeting on Friday, May 15, at the University.

#### GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Secretary presented for record the following list of graduate scholars and fellows appointed by the President of the University on March 27, 1931.

Accountancy	Kenyon D. Bowes.....	Scholarship	\$300
B. O. & O.	Richard M. Bourne.....	Scholarship	300
Bacteriology	Elbert H. Ruyle.....	Fellowship	400
Botany	C. J. Alexopoulos.....	Fellowship	500
Chemistry	Alfred T. Blomquist.....	Carr Fellowship	750
	Benton A. Bull.....	Fellowship	400
	Helen C. Dickerson.....	Scholarship	300
	Homer R. Duffey.....	Fellowship	400
	Donald S. Frederick.....	Scholarship	300
	Birtill A. Lloyd.....	Fellowship	400
	Zella M. Malandrone.....	Scholarship	300
	Ralph E. Meints.....	Fellowship	500
	Linwood A. Murray.....	DuPont Fellowship	750
	R. Eleanor Omer.....	Scholarship	300
	Lester E. Schniepp.....	Scholarship	300

	John D. Schumacher.....	Scholarship	300
	Han-Ching Yuan.....	Fellowship	500
Classics	Harriet C. Jameson.....	Scholarship	300
	Donald E. Strout.....	Fellowship	400
	Katharine S. Tubbs.....	Fellowship	500
Economics	Cecil C. Carpenter.....	Fellowship	500
	Cyrus S. Corey.....	Fellowship	400
	Ernest G. Lewis.....	Fellowship	500
Education	Benjamin O. Rossow.....	Scholarship	300
	Dewey B. Stuit.....	Scholarship	300
Engineering			
(Arch.)	Paul B. Evans.....	Scholarship	300
(Ceramic)	James P. Breen.....	Scholarship	300
(Civil)	Melvin M. Culp.....	Scholarship	300
(Elec.)	David E. Wiegand.....	Scholarship	300
English	Dorothy Burrows.....	Fellowship	400
	Harriet L. Campbell.....	Scholarship	300
	Catharine Foxen.....	Scholarship	300
	Frederick D. Lemke.....	Fellowship	500
	Thomas T. Townsend.....	Scholarship	300
	Irene G. Watson.....	Scholarship	300
	Harold H. Watts.....	Fellowship	500
Entomology	Clarence H. Hoffmann.....	Fellowship	400
	Paul O. Ritcher.....	Scholarship	300
Farm Organization and Management	Lloyd V. Sherwood.....	Scholarship	300
German	Alice M. Martin.....	Scholarship	300
History	Selig Adler.....	Scholarship	300
	F. Hardee Allen.....	Fellowship	400
	Muriel A. Barnett.....	Scholarship	300
	Manning J. Dauer.....	Fellowship	400
	Granville D. Davis.....	Fellowship	400
	Milton E. G. Muelder.....	Scholarship	300
Mathematics	Harry E. Crull.....	Fellowship	400
	Carl J. L. Kleyensteuber.....	Scholarship	300
	William T. Martin.....	Fellowship	400
	John R. Mayor.....	Fellowship	400
	Marvin G. Moore.....	Scholarship	300
	Ellis R. Ott.....	Fellowship	500
	Daniel T. Sigley.....	Fellowship	500
	Thomas Zandstra.....	Scholarship	300
Physics	Harold Q. Fuller.....	Fellowship	500
	Wendell H. Furry.....	Fellowship	500
Political Science	Russell H. Fitzgibbon.....	Fellowship	400
	Robert J. Harris.....	Fellowship	400
	Robert C. Keough.....	Scholarship	300
Romance Languages	Francene A. Bartlett.....	Scholarship	300
	Daniel L. Hamilton.....	Scholarship	300
	Ruth M. Healy.....	Scholarship	300
	Frances Heggstrom.....	Scholarship	300
	May A. Parsons.....	Scholarship	300
	Evelyn M. Schwarztrauber.....	Scholarship	300
	Josephine Spangler.....	Scholarship	300
Zoology	Mrs. Margery W. Horsfall.....	Fellowship	400
	Edwin L. Miller.....	Fellowship	500
Economics of Public Utilities	Daniel Borth.....	Fellowship	800
	Gordon D. Bryan.....	Fellowship	600
	Richard H. Downing.....	Scholarship	400
	Harry A. Hanson.....	Scholarship	400
	Leonard R. Koser.....	Fellowship	600
	S. P. Langhoff.....	Scholarship	400
	Robert W. Mayer.....	Fellowship	600
	William H. Taylor.....	Scholarship	400

**APPOINTMENTS MADE BY PRESIDENT CHASE**

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

Downey, Evelyn, to give instruction in Physical Education for Women in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred fifty dollars (\$350) for the session. (March 24, 1931)<sup>1</sup>

Hamilton, Arthur, to give instruction in Romance Languages in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of five hundred eighty-three dollars and thirty-three cents (\$583.33) for the session. (April 3, 1931)

Hawkins, C. Arthur, to give instruction in Zoology in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred fifty dollars (\$150) for the session. (April 3, 1931)

Kenney, H. E., to give instruction in Athletic Coaching and Physical Welfare in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 1, 1931, at a cash compensation of one hundred eighty-seven dollars and fifty cents (\$187.50) for the session. (April 3, 1931)

Klein, Otto G., Assistant in Internal Medicine, in the College of Medicine, for five months beginning April 1, 1931, without salary. (March 21, 1931)

Krueger, Ruth C., to give instruction in Library Science in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred thirty-three dollars and thirty-three cents (\$333.33) for the session. (April 3, 1931)

Matthews, Jim P., to give instruction in Library Science in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of two hundred fifty dollars (\$250) for the session. (April 3, 1931)

Myer, Ernest W., Instructor in Orthodontia, in the College of Dentistry, for six months beginning March 1, 1931, without salary. (March 14, 1931)

Singleton, Mildred, to give instruction in Library Science in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred thirty-three dollars and thirty-three cents (\$333.33) for the session. (March 24, 1931)

Treese, W. J., to give instruction in Athletic Coaching and Physical Welfare in the Summer Session of 1931, beginning June 22 and ending August 1, 1931, at a cash compensation of two hundred twenty-five dollars (\$225) for the session. (April 3, 1931)

Waggoner, Margaret, Stenographer in the Business Office, for five months beginning April 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (April 2, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

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

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**April 27, 1931**



A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 1 o'clock p.m. (Chicago time) on Monday, April 27, 1931, in response to the following notice sent out by the Secretary on April 21, 1931.

On the call of the President, Mr. George A. Barr, a special meeting of the Board of Trustees of the University of Illinois will be held at the Blackstone Hotel, in Chicago, at 2 o'clock p.m. on Monday, April 27, 1931, to consider matters connected with the legislative budget and other matters which may be presented by the committees of the Board and the President of the University, and such other business as may be duly presented.

The following members were present: President Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present.

**EMERGENCY WORKING FUND**

On recommendation of President Chase, and on motion of Dr. Noble, the Comptroller was authorized to establish a temporary emergency working fund of \$50,000, as a revolving fund, to care for pressing needs; payments from this fund to be made on order of the Comptroller and the Bursar, and the fund to be reimbursed from other funds; this arrangement not to extend beyond June 30, 1931. This action was taken by the following vote: Aye, President Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson.

**REQUEST FOR AGRICULTURAL LABORATORIES  
WITHDRAWN**

On motion of Mr. Trees, the following resolution was adopted:

In view of the present economic and tax situation, and with a desire to cooperate to the fullest possible extent, BE IT RESOLVED, that the Board postpone for a period of two years its request for an appropriation of \$500,000 for an agricultural laboratories building, to be built at Urbana, and that the committees on appropriations of the House and Senate be advised of this action.

**DATE OF MAY MEETING**

On motion of Mr. Trees, it was voted to reconsider and to rescind the action of April 8 concerning the time and place of the May meeting, and to hold the May meeting at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Thursday, May 14, 1931.

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**May 14, 1931**



The May 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 time) on Thursday, May 14, 1931. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present; also, during part of the day, Professor J. M. White, Supervising Architect.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of April 8 and April 27, 1931. On motion of Dr. Noble, the minutes were approved as printed on pages 201 to 216 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**PROPOSED INSTITUTE OF CRIMINOLOGY AND BALLISTICS**

(1) A statement concerning a proposal to establish an institute of criminology and ballistics.

It was the opinion of the Board that, if such an institute were established, the University should develop only the scientific phases of this question. The matter was referred to the President of the University for study and report.

**APPOINTMENT OF DR. THOMAS ELIOT BENNER AS DEAN OF THE COLLEGE OF EDUCATION**

(2) A recommendation that Dr. Thomas Eliot Benner, Visiting Professor of Education at Columbia University, be appointed Professor of Education and Dean of the College of Education for two years beginning September 1, 1931, at a salary of \$9,000 a year.

On motion of Mrs. Grigsby, this appointment was made.

**APPOINTMENT OF DR. M. B. VISSCHER AS PROFESSOR OF PHYSIOLOGY AND HEAD OF THE DEPARTMENT OF PHYSIOLOGY IN THE COLLEGE OF MEDICINE**

(3) A recommendation that Dr. M. B. Visscher, Professor of Physiology at the University of Southern California, be appointed Professor of Physiology and Head of the Department, in the College of Medicine, beginning July 1, 1931, and continuing indefinitely, at a salary of \$6,500 a year.

On motion of Mr. Barrett, this appointment was made.

**PLYM FELLOWSHIP IN ARCHITECTURE**

(4) A report of the appointment of Mr. Francis J. Heusel of the Class of 1930, 113-B Rivo Alto Canal, Long Beach, California, to the eighteenth Francis J. Plym Fellowship in Architecture, and of Mr. Harry J. Harman, 1108 South First Street, Champaign, Illinois, as alternate in case Mr. Heusel finds it impossible to accept.

This report was received for record.

**HEARING FOR COMMITTEE OF ILLINOIS PRESS ASSOCIATION**

(5) A committee of the Illinois Press Association, which was appointed at the time of the annual meeting of that organization held at the University last fall, desires a conference with the Board to-day to discuss the proposal made by the Association last fall concerning a new building for the School of Journalism. The Chairman of this committee is Mr. J. E. McClure, Editor and Publisher of *The Carlinville Democrat* and a former President of the Association.

This hearing was granted. Mr. McClure, Mr. W. J. Smith, of Waukegan, Mr. S. P. Preston, of Gillespie, Mr. H. L. Williamson, of Springfield, and Mr. J. F. Wright, of the University, were introduced. Messrs. McClure, Smith, Preston, and Williamson made statements in favor of the inclusion in the next legislative budget of \$500,000 for a building for the School of Journalism.

On motion of Mr. Blair, the President of the Board was requested to appoint a special committee of three members (with the President of the University) to study this matter in conference with the committee of the Press Association.

President Barr later appointed Mr. Williams, Mr. Armstrong, and Mrs. Grigsby to serve on this committee.

**APPROPRIATION FOR ARCHEOLOGICAL EXPLORATIONS**

(6) A recommendation that an appropriation of \$4,000 be made from the Reserve and Contingent Fund for archeological explorations. This appropriation is an advance of funds which we would expect to appropriate for this work for the year 1931-32. It is desirable that as much of the field work as possible be done at this time to avoid interference from the summer tourist crowds.

On motion of Mr. Blair, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson.

**APPROPRIATION FOR CATALOG OF UNIVERSITY PUBLICATIONS**

(7) A request from the Directors of the Library and the University Press for the publication in the "Publishers Trade List Annual" of a catalog of publications of the University and for extra copies of this catalog. The University has included its catalog of publications in this Annual every two years. The last one was published in 1929 and the next will be published during the coming fiscal year, but the copy must be prepared at this time.

I recommend that an appropriation of \$500 be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson.

**APPROPRIATION FOR DEPARTMENT OF CHEMISTRY**

(8) A recommendation that an appropriation of six thousand dollars, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to the Department of Chemistry as a special non-recurring appropriation for the purchase of apparatus and chemicals for the Chemistry storerooms. This additional amount is necessary to replace the equipment and chemicals which were moved from the old building to the Chemistry Annex, and to purchase additional equipment for the Annex.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson.

**APPROPRIATION FOR PENNSYLVANIA AVENUE SURVEY**

(9) A request from the Supervising Architect for an appropriation of \$274.30 to pay the cost of a survey of Pennsylvania Avenue made on the advice of the Chicago Title and Trust Company. I recommend that this appropriation be made from the Reserve and Contingent Fund and that the Comptroller be authorized to make payment to Godfrey Sperlmg, civil engineer, of Urbana, who did this work.

On motion of Mrs. Evans, this payment was authorized and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson.

**AGREEMENTS FOR COOPERATIVE INVESTIGATIONS**

(10) A recommendation that agreements for the following cooperative investigations be approved:

1. Agreement with the Super-Power Company of Illinois for a study of the land occupancy by transmission line towers to be conducted by our Department of Farm Organization and Management. This agreement is for one year beginning April 1,

1931, with provision for its extension, and the Super-Power Company of Illinois agrees to pay the University \$2,500 for the expenses of this study.

2. Agreement with the North Shore Coke & Chemical Company for a cooperative investigation of chemical reactions of methane gas to be conducted by the Engineering Experiment Station. This agreement is drawn for one year from June 1, 1931, with provision for its extension, and the Company agrees to pay the sum of \$5,000 a year to cover the expenses.

3. Agreement with Professor Harry N. Holmes of Oberlin College for a cooperative investigation to study the effect on growth and health of rats of certain Carotene and Vitamin A products by the Agricultural Experiment Station. This agreement is drawn for a period of one year from April 2, 1931, with provision for its extension, and Professor Holmes agrees to pay the University the sum of \$1,000 for the expenses of this investigation.

These agreements are of the form and character of similar agreements heretofore approved by the Board.

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

#### EXTENSION OF AGREEMENT FOR INVESTIGATION OF WARM AIR HEATING

(11) A report that the agreement with the National Warm Air Heating Association for a cooperative investigation of warm air heating, which expired on April 16, 1931, has been extended for one year or until April 16, 1932, under the same terms as those of the original agreement.

This report was received for record.

#### MEMORIAL FOR PROFESSOR G. A. GOODENOUGH

(12) A request from a group of alumni of the College of Engineering for the approval of a project to establish, as a memorial to the late Professor George Alfred Goodenough, a scholarship for graduate students in Mechanical Engineering, preferably in Thermodynamics. The plan is to raise an endowment fund of about \$15,000. The sponsors do not plan to establish this scholarship immediately but desire approval of the plan at this time so that arrangements can be made for the raising of funds when an opportune time arrives.

I recommend approval.

On motion of Mrs. Evans, this project was approved.

#### INVESTMENT OF MCKINLEY HOSPITAL FUNDS

(13) A report from the Comptroller that, pursuant to the authorization of the Board of Trustees at its meeting on April 8 and on recommendation of the Finance Committee, he has purchased \$3,500 of Baltimore and Ohio Railway bonds (5's of 1950) as an investment of McKinley Hospital Endowment Funds.

This report was received for record.

#### TREASURER'S BOND

(14) A report from the Secretary of the Board that he has received and deposited with the Treasurer's Bond the following documents:

1. Copy of Resolution of the First National Bank Authorizing Pledge of Securities to Hazen S. Capron as Treasurer of the Board of Trustees.
2. Agreement of the First National Bank relating to the deposit of such securities.

Copies of these documents are submitted herewith for record.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

(15) The following report of gifts received by the University since the last report:

1. From the Chicago Century of Progress Commission, an additional \$1,000 for the continuation of our field work in Illinois archeology.
2. From Mr. Robert Allerton of Monticello, \$800 for the continuation of two summer American Traveling Scholarships in Architecture.
3. From the United States Public Health Service, \$100 a month from March 6 to July 1, next, and possibly thereafter, to assist Dr. Arthur G. Cole of the College of Medicine in certain research work on venereal diseases.

4. From the Grand Council of Alpha Rho Chi, a bronze medal to be awarded by the Department of Architecture to one of its "graduating seniors who has shown an ability for LEADERSHIP, performed willing SERVICE for his school and department, and gives promise of real professional MERIT thru his attitude and personality."

5. Gifts to the Department of Chemistry for its X-ray laboratory: One X-Ray Power Plant, valued at \$6,500, from the Radiological Research Institute, Inc., St. Louis, Missouri, Edwin C. Ernst, M.D., President; Two Special Multiple X-Ray Diffraction Units, valued at \$3,000 each, and also auxiliary equipment for metallurgical research, including special cameras, steel rolls, and specimen grinders, altogether valued at about \$1,500, presented jointly by the Cold Metal Process Company of Youngstown, Ohio, and the Allegheny Steel Company of Brackenridge, Pennsylvania.

This report was received for record.

**PURCHASE OF LABORATORY MATERIAL FOR 1931-32**

(16) A request from the Comptroller and the Purchasing Agent for authority to purchase laboratory equipment for the year 1931-32 as follows:

Owens Glass Company, Alton.....	\$	234	74
A. H. Klapprodt Company, Detroit.....		90	00
Duffield File & Tool Company, New York City.....		265	00
Belden Manufacturing Company, Chicago.....		38	03
Wilkens Anderson Company, Chicago.....		369	00
Chicago Apparatus Company, Chicago.....	1	335	85
Schaar and Company, Chicago.....	2	487	35
E. H. Sargent and Company, Chicago.....	3	387	68
Henry Heil Company, St. Louis.....		519	24
Rascher and Betzold, Chicago.....	2	319	35
A. Daigger and Company, Chicago.....	1	694	60
Central Scientific Company, Chicago.....		263	95
W. M. Welch Scientific Company, Chicago.....		369	23

*Total*.....\$13 374 02

In accordance with our practice competitive quotations were secured from a number of concerns on uniform specifications and the purchases will be made at the lowest price in each case, quality and suitability of material considered.

This material will be charged as issued to the various departments which will draw it out and provision for its purchase will be made in their budgets. The purchase will be made charged to the Revolving Fund of the General Chemical Storeroom.

I concur in this recommendation.

On motion of Dr. Noble, the purchase of this material was authorized.

**APPROVAL OF PURCHASE OF PAPER**

(17) A report of the purchase of a carload of book paper for the printing of bulletins in the Print Shop from the Moser Paper Company at a price of \$2,510, f.o.b. Urbana.

On motion of Mr. Armstrong, this purchase was approved.

**COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS**

(18) The following report from the Comptroller of contracts and purchases orders executed since the last report:

**CONTRACTS EXECUTED BY THE COMPTROLLER  
APRIL 4, 1931, TO MAY 9, 1931**

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of March 12, 1931, Minutes page 187:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
American Society of Heating and Ventilating Engineers	\$15 000 00	March 18, 1931	For cooperative investigation of heating and ventilating by Engineering Experiment Station

## Minor contracts executed under general regulations:

Name	Amount to be paid by the University	Date	Item
Frank A. Somers Co., Inc.	\$300 00	April 3, 1931	Paving Old Agricultural Building and Chemistry Annex service-drive
Kent and Company	395 00	April 16, 1931	Grading at President's House
Western Fuel Company	\$6.00 per net ton to September 1, 1931, and \$6.20 September 1, 1931, to April 30, 1932	April 6, 1931	Purchase of approximately 1,000 tons of mine run Pocohontas coal for Chicago Departments

LLOYD MOREY  
Comptroller

## PURCHASE ORDERS ISSUED IN APRIL NOT OTHERWISE REPORTED

Vendor	Item	Amount	Department	Appropriation Made in Budget for	Procedure
I. W. Maxwell	Corn	\$1 300 00	Animal Husbandry	Beef Cattle Station	Quoted
Electric Coal Company	Coal	1 125 00	Physical Plant	Coal Storage	Quoted

H. M. EDWARDS  
Purchasing Agent

This report was received for record.

## QUARTERLY REPORT OF THE COMPTROLLER

(19) The following quarterly report of the Comptroller as at March 31, 1931:

QUARTERLY REPORT OF THE COMPTROLLER TO THE  
BOARD OF TRUSTEES  
QUARTER ENDED MARCH 31, 1931

## SUMMARY

## Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund at the close of the quarter was \$54,355, as per Schedule A. The balance at the corresponding date a year ago was \$190,118. Of the present amount, \$21,081 represents the unappropriated balance of the estimated income of the fiscal year, and \$33,274 represents a balance carried forward July 1, 1930.

## Budget Income

Realization of budget income for the quarter, as per Schedule B, was as follows:

	Estimate For Year	Per Cent of Year's Estimate Realized	
		This Year	Same Date Last Year
State Appropriations for Operation (Per Cent realized represents portion expended to March 31, 1931).....\$4	765 000	65.5	71.3
Federal Funds.....	494 242	92.2	91.5
Student Fees.....	870 000	95.3	94.5
Agricultural Sales			
Credited to Revolving Accounts.....	136 500	70.5	75.4
Credited to Budget Income.....	124 900	70.2	69.0
Miscellaneous Sales and Receipts.....	120 000	74.9	77.9

*Treasurer's Balance*

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$920,102, Schedule C. On the corresponding date a year ago, the balance was \$1,154,080. Of the present balance \$352,057 represents general University funds, \$116,081 Federal funds, \$280,302 residence hall funds, and \$171,662 trust funds.

*State Funds Balances*

The total balance of all State Appropriations as at the end of the quarter was \$2,619,703. Of this total \$1,647,466 was for operations, and \$972,237 was for new buildings. Of this sum, \$1,642,580 is payable out of the Mill Tax Fund and \$977,123 out of the General Revenue Fund. There was no balance in the Mill Tax Fund at the end of the quarter.

*Budget Expenditures*

Board appropriations to departments for the current fiscal year total \$6,412,516, including salaries \$4,245,003, expense and equipment \$2,167,513. These were 70.4% expended at the end of the quarter, and 1.6% encumbered. (Included in Schedule D). On the corresponding date a year ago these appropriations were 69.2% expended and 2.1% encumbered.

*Expendable Trust Funds*

Balances at beginning of the year and receipts for the year on account of Expendable Trust and Special Funds arising from gifts and income from endowments totalled \$351,751, disbursements were \$191,514, encumbrances were \$4,025, leaving an unencumbered balance at the end of the quarter of \$156,212, per Schedule G.

*Endowment Funds*

Endowment funds from private gifts for special purposes (see Schedule F) amounted, on March 31, 1931, to \$300,141.

*Student Loan Funds*

Student loan funds from private gifts as of March 31, 1931, totalled \$191,030, per Schedule H. Loans outstanding as of that date amounted to \$182,317, leaving \$8,713 available for loaning.

*Indebtedness on Property*

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$49,400 on the Dental Building in Chicago, due in 1932 (Schedule H).

LLOYD MOREY  
Comptroller

SCHEDULE A  
STATEMENT OF RESERVE AND CONTINGENT FUND  
FOR THE QUARTER ENDED MARCH 31, 1931

Balance forward January 1, 1931.....		\$211 426 22	
Add:			
Lapsed 1929-30 Balances (previously carried forward to cover encumbrances but not required).....		1 283 95	\$212 710 17
Deduct:			
Additional Budget Appropriations made by Board of Trustees February 5 and 6, 1931			
Summer Session Salaries (page 167).....	\$4 000 00		
Changes and adjustments to Budget			
Salary Adjustments			
Chemistry.....	\$1 560 00		
Geology.....	400 00		
Mathematics (Special).....	500 00		
Medicine—Neurology and Psychiatry.....	1 200 00		
Library School.....	1 400 00		
Music.....	700 00	5 760 00	9 760 00
Special Appropriations made by Board of Trustees			
In Meeting January 9, 1931			
Inauguration of President Chase (page 145).....	7 500 00		
Agriculture Special Equipment (Additional) (page 136).....	5 000 00 <sup>1</sup>		
Art Collections (Additional) (page 136).....	3 000 00 <sup>1</sup>		
Visiting Professorships and Lectures (Additional) (page 136).....	2 000 00 <sup>1</sup>		
Library—Student Reading Room (page 136).....	2 500 00 <sup>1</sup>		
Library Additions (Additional) (page 136).....	10 000 00 <sup>1</sup>		
Law Library Additions (Additional) (page 136).....	2 500 00 <sup>1</sup>		
Liberal Arts and Sciences Special Equipment (Additional) (page 136).....	3 000 00 <sup>1</sup>		
Engineering Special Equipment (Additional) (page 136).....	10 000 00 <sup>1</sup>		
Medicine Special Equipment (Additional) (page 136).....	5 000 00 <sup>1</sup>		
Bureau of Business Research Special (page 136).....	3 000 00 <sup>1</sup>		
Curbs on Campus Drives (page 137).....	8 000 00 <sup>1</sup>		
Retaining Wall at Coal Yard (page 137).....	4 000 00 <sup>1</sup>		
Chemical Laboratory Remodeling (page 137).....	20 000 00 <sup>1</sup>		
Handball Courts—New Gymnasium (page 137).....	10 000 00 <sup>1</sup>		
Acoustical Corrections in Buildings (page 137).....	12 000 00 <sup>1</sup>		
Engineering Library Enlargement (page 137).....	10 500 00 <sup>1</sup>		
In Meeting February 5 and 6, 1931			
Legislative Visit (page 150).....	1 500 00		
Death Benefits (Bessie L. Miller) (page 150).....	345 00		
Patents on Discoveries and Inventions (Additional) (page 174).....	2 000 00		
Archaeological Explorations (Additional) (page 150).....	1 500 00		
Land (Barto Property) (page 174).....	8 000 00		
In Meeting March 11 and 12, 1931			
Death Benefits (Doctor Dreyer, Rudolph Meseck, J. W. Johnson) (page 185).....	3 250 05		
Land (Turner Property) (page 194).....	9 000 00		
President's House (Additional) (page 194).....	5 000 00	148 595 05	158 355 05
Balance March 31, 1931 (see Schedule H).....			<u>\$ 54 355 12<sup>2</sup></u>

<sup>1</sup>Cash Balance to lapse June 30, 1931.

<sup>2</sup>Includes \$21,081.16 net excess of regular budget income over regular budget appropriations as follows:

Total estimated regular budget income (excluding United States Agricultural extension funds and estimated Agricultural Sales).....	\$5 898 850 66
Total regular budget appropriations (excluding appropriations based on United States Agricultural Extension Funds and estimated Agricultural Sales).....	5 877 769 50
Net excess of regular budget income over regular budget appropriations for fiscal year 1930-31.....	<u>\$ 21 081 16</u>

SCHEDULE B  
REALIZATION OF INCOME FOR OPERATIONS  
1930-31 TO MARCH 31, 1931

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (See Sch. H)</i>
<i>State Funds</i>			
From Mill Tax.....	\$3 515 019 42	\$1 872 439 12	\$1 642 580 30
From General Revenue.....	1 249 980 58	1 249 047 51	933 07
<i>Total, State</i> .....	(4 765 000 00)	(3 121 486 63)	(1 643 513 37)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund.....	239 624 34	239 624 34	
Capper-Ketcham Fund.....	40 167 48	40 167 48	
Additional Extension Fund.....	26 000 00	26 000 00	
Hatch-Adams Funds.....	30 000 00	22 500 00	7 500 00
Purnell Fund.....	60 000 00	45 000 00	15 000 00
From State Treasurer			
Interest on Endowment Fund.....	32 450 66	32 450 66	
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....	16 000 00		16 000 00
<i>Total, Federal</i> .....	(494 242 48)	(455 742 48)	(38 500 00)
<i>Student Fees</i> .....	870 000 00	829 007 10	40 992 90
<i>Sales</i>			
Credited to Departments			
Agriculture.....	121 740 00	06 265 81	25 474 19 <sup>2</sup>
Other Departments.....		13 393 20	13 393 20 <sup>2+3</sup>
Credited to Estimated Agricultural Sales.....	124 900 00	87 622 04	37 277 96
Credited to General Income.....	120 000 00	89 821 00	30 179 00
Credited to Estimated Income from Creamery Surplus.....	14 760 00		14 760 00 <sup>3</sup>
<i>Total, Sales, etc</i> .....	(381 400 00)	(287 102 05)	(94 297 95)
<i>McKinley Endowment</i> .....	5 400 00		5 400 00 <sup>4</sup>
<i>Grand Total</i> .....	<u>\$6 516 042 48</u>	<u>\$4 693 338 26</u>	<u>\$1 822 704 22</u>

\*Deduct.

<sup>1</sup>No budget estimate set up.<sup>2</sup>Credited direct to revolving accounts, not carried as separate items on Balance Sheet.<sup>3</sup>To be transferred from Creamery Operating Account June 30, 1931.<sup>4</sup>To be transferred from Trust Account June 30, 1931.

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1930-31 TO MARCH 31, 1931

	<i>Balance July 1, 1930</i>	<i>Receipts and State Appropriations</i>	<i>Disburse- ments</i>	<i>Balance March 31, 1931</i>
<i>Funds in Possession of University</i>				
<i>Treasurer</i>				
General Fund.....	\$676 062 68	1 839 678 01	\$1 767 300 99	:748 439 70
Trust Fund.....	127 540 60	321 438 85	277 317 58	171 661 87
<i>Total</i> .....	(803 603 28)	(2 161 116 86)	(2 044 118 57)	(920 101 57)
<i>State Appropriations</i>				
For Operation				
Salaries and Wages.....	202 520 00	3 515 019 42	2 574 959 12	1 142 580 30
Office Expense.....		150 000 00	90 000 00	60 000 00
Travel.....		34 980 58	29 047 51	5 933 07
Operation.....	2 115 13	485 000 00	327 115 13	160 000 00
Repairs.....	16 306 70	160 000 00	96 306 70	80 000 00
Equipment.....		200 000 00	170 000 00	120 000 00
Improvements.....	20 154 28	130 000 00	75 154 28	75 000 00
<i>Total, Operation</i> .....	(241 096 11)	(4 765 000 00)	(3 362 582 74)	(1 643 513 37)
For Buildings				
Agricultural Buildings.....		59 484 44	59 484 44	
Chemistry Annex.....		272 074 20	246 837 46	25 236 74
Medical and Dental Labo- ratories.....		1 459 023 13	676 325 65	782 697 48
Power Plant Addition.....		234 256 92	204 548 59	29 708 33
Woman's Gymnasium.....		280 437 58	145 843 12	134 594 46
<i>Total, Buildings</i> .....		(2 305 276 27)	(1 333 039 26)	(972 237 01)
For Special Purposes				
Agricultural Experiment Station, Cook County..	796 80	10 000 00	6 844 49	3 952 31
<i>Total, State</i> .....	(241 892 91)	(7 080 276 27)	(4 702 466 49)	(2 619 702 69)
<i>Grand Total</i> .....	<u>\$1 045 496 19</u>	<u>\$9 241 393 13</u>	<u>\$6 747 085 06</u>	<u>\$3 539 804 26</u>

SCHEDULE D  
SUMMARY OF APPROPRIATIONS  
AS AT MARCH 31, 1931

	<i>Total Credits</i>	<i>Disburse- ments</i>	<i>Encum- brances</i>	<i>Free Balance</i>
Administration and General.....	\$ 463 521 13	\$ 319 621 46	\$ 17 785 10	\$ 126 114 57
Library.....	300 574 44	220 916 66	18 855 69	60 802 09
Agriculture				
University Appropriation.....	I 155 666 32	811 430 69	19 908 59	324 327 04
U. S. Extension.....	317 619 38	200 673 73	2 191 89	114 753 76
Liberal Arts and Sciences.....	I 188 308 01	850 450 77	6 538 10	331 319 15
Engineering.....	717 642 10	516 427 64	13 272 72	187 941 74
Graduate School.....	87 901 14	55 930 47	6 606 11	25 364 56
Medicine, Dentistry, and Pharmacy	861 261 51	611 311 79	14 203 03	235 746 69
Journalism.....	31 348 67	23 053 24	145 03	8 150 40
Law.....	84 224 50	60 669 98	9 50	23 545 02
Library School.....	30 356 27	20 342 30	175 00	9 838 97
Military.....	19 125 60	12 174 98	61 24	6 889 38
Music.....	63 235 00	46 558 24	451 21	16 225 55
Education.....	192 877 22	131 303 71	I 250 48	60 323 03
Summer Session 1930.....	81 589 29	79 145 89		2 443 40
Summer Session 1931.....	88 105 00	I 104 52	340 00	86 660 48
Commerce.....	222 211 57	156 714 54	I 289 17	64 207 86
Physical Welfare.....	130 662 20	94 580 93	I 815 68	34 265 59
Physical Plant Operation and Main- tenance.....	682 134 00	495 313 30		186 820 70
Sub-total.....	6 718 363 35	4 707 724 84	104 898 54	I 905 739 67
Land, Buildings, and Improvements				
Special State Building Appropri- ations.....	2 305 276 27	I 332 806 19	691 704 45	280 765 61
Other Appropriations.....	474 013 98	304 781 54	113 543 53	55 688 01
Grand Total.....	\$9 497 653 60	\$6 345 312 57	\$610 146 52	\$2 242 104 51

SCHEDULE E  
SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT MARCH 31, 1931

	<i>Balance July 1, 1930</i>	<i>Disburse- ments</i>	<i>Credits from Department Requisitions and Sales</i>	<i>Balance March 31, 1931</i>
Storerooms.....	\$117 863 31	\$ 272 986 63	\$ 271 537 18	\$119 312 76
Service Departments.....	14 806 62	I 246 249 22	I 207 371 28	53 684 56
Revolving Accounts.....	5 779 19*	13 330 80	10 071 72	2 520 11*
Total.....	\$126 890 74	\$1 532 566 65	\$1 488 980 18	\$170 477 21

\*Credit Balance.

SCHEDULE F  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT MARCH 31, 1931

	Total		Total
	July 1, 1930	Additions	March 31, 1931
Professional and Lectureship Endowments.....	\$139 742 66	\$5 582 25	\$145 324 91
Scholarship, Fellowship, and Prize Endowments.....	84 556 27	300 00	84 856 27
Miscellaneous Endowments.....	80 030 71	10 070 63*	69 960 08
<i>Grand Total</i> .....	<u>\$304 329 64</u>	<u>\$4 188 38*</u>	<u>\$300 141 26<sup>1</sup></u>

\*Deduction, due to repayment of the loan from general University funds on construction of McKinley Hospital.

<sup>1</sup>Invested as follows:

Special Investments (including Carter-Pennell Farms).....	\$185 737 84	
Group Investments.....	<u>110 742 23</u>	
Total Investments.....		<u>\$296 480 07</u>
Uninvested Total.....		<u>\$ 3 661 19</u>

SCHEDULE G  
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS  
AS AT MARCH 31, 1931

	Total Credits	Disburse- ments	Encum- brances	Free Balance March 31, 1931
Professional and Lectureship Endowments Income.....	\$ 6 045 44	\$ 1 00		\$ 6 044 44
Student Loan Endowments Income (subject to annuity).....	385 21	250 00		135 21
Scholarship, Fellowship, and Prize Endow- ments Income.....	5 881 80	3 523 75	\$ 77 50	2 280 55
Miscellaneous Endowments Income.....	5 528 27	2 955 50	149 43	2 423 34
Building and Improvement Gifts.....	698 04	49 34	39 25	609 45
Research Gifts.....	181 537 02	141 820 87	3 320 11	36 396 04
Scholarship, Fellowship, and Prize Gifts.....	19 080 66	12 419 75	4 00	6 656 91
Other Expendable Funds.....	42 767 41	7 775 16	135 00	34 857 25
Deposit Funds.....	89 517 23	22 412 09	300 00	66 805 14
Group Investment Interest.....	310 80	306 84		3 96
<i>Grand Total</i> .....	<u>\$351 751 88</u>	<u>\$191 514 30</u>	<u>\$4 025 29</u>	<u>\$156 212 29</u>

SCHEDULE H  
BALANCE SHEET AS AT MARCH 31, 1931

ASSETS

<b>I. General and Building Funds</b>			
Cash with University Treasurer (Sch. C).....		\$ 748 439 70	
Petty Cash Funds.....		30 600 00	
Balance in State Appropriation (Sch. C)			
For Special Purposes.....	\$ 3 952 31		
For Operation (including special).....	1 643 513 37		
For Buildings.....	972 237 01	2 619 702 69	
<b>Stores and Service Departments</b>			
Inventories (Sch. E).....		170 477 21	
Accounts Receivable.....		58 456 51	
<b>Estimated Income from: (Sch. B)</b>			
United States Appropriations.....	22 500 00		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	40 992 90		
Agricultural Sales.....	37 277 96		
Creamery Surplus.....	14 760 00		
Trust Endowments.....	5 400 00		
Miscellaneous Sources.....	30 179 00	167 109 86	\$3 794 785 97
<b>II. Trust Funds</b>			
Cash with University Treasurer (Sch. C).....		171 661 87	
Notes Receivable.....		182 316 65	
<b>Investments</b>			
Stocks and Bonds.....	250 880 07		
Land.....	46 550 00	297 430 07	651 408 59
<b>III. Endowment Fund</b>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<b>IV. Plant and Property</b>			
Plant and Property (July 1, 1930).....			25 117 353 67
<b>Total Assets</b> .....			<u>\$30 212 561 14</u>

LIABILITIES AND SURPLUS

<b>I. General and Building Funds</b>			
Vouchers Payable.....		\$ 136 091 12	
<b>Appropriation Balances (Sch. D)</b>			
Encumbered.....	\$ 910 146 52		
Unencumbered.....	2 242 194 51	3 152 341 03	
Reserve for Petty Cash Funds.....		30 600 00	
Reserve for Stores.....		122 360 64	
Residence Hall and Hospital Balances.....		280 301 79	
Unappropriated Agricultural Income.....		18 736 27	
Unappropriated General Income (Reserve and Contingent Fund) (Sch. A).....		54 355 12	\$3 794 785 97
<b>II. Reserve for Trust Funds</b>			
<b>Expendable Funds (Sch. G)</b>			
Encumbered.....	4 025 29		
Unencumbered.....	156 212 29	160 237 58	
<b>Non-Expendable Funds (Sch. F)</b>			
Student Loan Funds.....		300 141 26	
		191 029 75	651 408 59
<b>III. Reserve for Endowment Fund</b> .....			
			649 012 91
<b>IV. Bonds and Surplus</b>			
Dental Property Bonds.....		49 400 00	
Surplus Invested in Fixed Assets.....		25 067 953 67	25 117 353 67
<b>Total Liabilities and Surplus</b> .....			<u>\$30 212 561 14</u>

This report was received for record.

**GIFT FROM MUTUAL BENEFIT HOSPITAL FUND**

(20) The Trustee of the University of Illinois Mutual Benefit Hospital Fund offers \$7,000 from that Fund for the purchase of new equipment for the McKinley Hospital and for certain repairs for next year. This gift is in accordance with the regulations of the Fund which authorizes such gifts and I recommend acceptance of the offer.

On motion of Dr. Noble, this gift was accepted.

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

**CONTRACT FOR EQUIPMENT FOR THE MEDICAL AND DENTAL LABORATORIES BUILDING**

(21) The Supervising Architect has secured bids and estimates on the equipment required for the completion and furnishing of the Medical and Dental Laboratories Building. This equipment includes book stacks, library furniture, general furnishings, including loose furniture not contained in the library equipment, and certain other items. I will ask him to present these bids and estimates.

Professor White presented the following items.

*LIBRARY EQUIPMENT*

May 13, 1931

*Board of Trustees, University of Illinois,*

Re: Medical and Dental College Laboratories  
Polk and Lincoln Sts., Chicago  
Library Stacks

GENTLEMEN:

We submit the following bids received for providing necessary new book stacks and the moving of certain old book stacks, required for the Medical and Dental College Laboratories, all in accordance with our drawings and specifications:

Library Bureau .....	\$5 671 00
Art Metal Construction Co.....	5 850 00
General Fireproofing Co.....	5 900 41
Jamestown Metal Equipment Co.....	6 085 00
Snead & Company .....	6 140 00
Watson Mfg. Co.....	8 273 00

We recommend that this contract be awarded to the low bidder, the Library Bureau for the amount of their bid of \$5,671.00.

I concur.

JAMES M. WHITE

Very truly yours,  
GRANGER & BOLLENBACHER  
By J. O. MERRELL

On motion of Dr. Noble, this contract was awarded to the lowest bidder, as recommended.

*MUSEUM CASES*

May 13, 1931

*Board of Trustees, University of Illinois,*

Re: Medical and Dental College Laboratories  
Polk and Lincoln Sts., Chicago  
Museum Cases

GENTLEMEN:

We submit herewith bids received for providing the museum cases required in the Medical and Dental College Laboratories in accordance with our drawings and specifications:

Art Metal Construction Co.....	\$3 415 00
Yawman & Erbe Mfg. Co.....	5 500 00
Interior Metal Equipment Co.....	5 600 00

We recommend that this contract be awarded to the low bidder, the Art Metal Construction Company, for the amount of their bid of \$3,415.00.

I concur.

JAMES M. WHITE

Very truly yours,  
GRANGER & BOLLENBACHER  
By J. O. MERRELL

On motion of Dr. Noble, this contract was awarded to the lowest bidder, as recommended.

**LIBRARY FURNITURE**

May 13, 1931

*Board of Trustees, University of Illinois,*

Re: Medical and Dental College Laboratories  
Polk and Lincoln Sts., Chicago  
Library Furniture

**GENTLEMEN:**

We submit herewith bids received for providing the library furniture required in the Medical and Dental College Laboratories:

Kewaunee Mfg. Co.....	\$5 306 90
W. M. Welch Mfg. Co.....	6 354 15
Library Bureau.....	8 657 00

In checking the proposals and the photographs and drawings submitted therewith we find that the proposal of the Kewaunee Mfg. Company is not in accordance with our drawings and specifications.

We therefore recommend that this contract be awarded to the W. M. Welch Mfg. Company for the amount of their bid of \$6,354.15.

I concur.

JAMES M. WHITE

Very truly yours,  
GRANGER & BOLLENBACHER  
By J. O. MERRELL

On motion of Dr. Noble, this contract was awarded as recommended to the Welch Manufacturing Company, the lowest bidder conforming to the specifications.

**APPROPRIATION FOR PUBLICITY AND RADIO STATION**

(22) A request from the Director of Publicity and the Director of the Radio Station for an appropriation of \$400, \$300 for Publicity and \$100 for the Station. This supplementary appropriation is needed because of certain abnormal operating expenditures on the Publicity side and the fact that the Director has been obliged to go to Washington four times this year for conferences with the Radio Commission and on other business in connection with the Radio Station.

I recommend that the sum of \$400 be appropriated from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emerson.

**REPORT OF AUDITORS**

Mr. Trees, for the Finance Committee, presented for record the following report of Arthur Young & Company.

April 30, 1931

*Board of Trustees, University of Illinois, Urbana, Illinois***DEAR SIRS:**

We have audited the books of the University of Illinois for the quarter ended March 31, 1931, and submit the following brief summary of the work done and the result of the audit:

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and the vouchers certified to the State Auditor have been checked into the cash book and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of pay roll vouchers for non-appointees has been checked against the original time reports on file in the respective departments. Salaries of appointees have been checked against the notices of appointment issued by the Secretary of the Board of Trustees. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer as at March 31, 1931, has been verified by confirmation from the depository. As an additional protection

of the University funds placed on deposit by the Treasurer, the depository Bank has deposited with the Federal Reserve Bank, Chicago, securities consisting of United States Government Obligations amounting to \$747,000. The deposit certificates have been submitted to us by the Treasurer for inspection and arrangements have been made for joint custodianship of these certificates by the Treasurer and the Comptroller of the University.

The Trust Fund Securities placed by the University into the custody of the Treasurer and of the escrow agent designated by the late Senator W. B. McKinley have been submitted to us for inspection and have been found to agree with the relative records in the business office. Insurance against loss by burglary or hold-up has been procured with regard to negotiable securities of the W. B. McKinley Public Utility Endowment Fund, in custody of the escrow agent, Trevett-Mattis Banking Company.

Cash on hand has been verified by actual count.

Audited vouchers payable taken up on the books as at March 31, 1931, have been examined by us and the total of the vouchers has been found to agree with the amount shown by the books. Bonds payable on the College of Physicians and Surgeons properties as at March 31, 1931, have been confirmed to us by the Chicago Trust Company, Trustee.

The Income for the quarter under audit has been verified by detail checking and comparison with the files of the Registrar, Deans of Colleges and of various operating departments.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of January 9, February 5 and 6, and March 11 and 12, 1931, have been examined with regard to actions affecting the finances of the University and their proper record in the books of the business office. The records of prior meetings have likewise been examined with regard to items not consummated at the time of previous audits.

In the office of the Purchasing Division we have compared a number of the larger purchase orders with the relative bids and quotations. A number of construction contracts, together with purchase orders exceeding \$1,000 in amount, have been checked against reports made to the Board of Trustees and have been found to agree therewith.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination—

All Income which the University should have received during the quarter ended March 31, 1931, has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books at March 31, 1931, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The report of the Comptroller to the Board of Trustees for the quarter ended March 31, 1931, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The quarterly financial report of the Comptroller to the Governor of the State of Illinois, covering the period from July 1, 1929, to March 31, 1931, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & COMPANY

#### ANALYSIS OF INVESTMENTS

Mr. Trees, for the Finance Committee, reported that he had had an analysis of the University's trust fund investments made by two banks, and that the funds seemed to be invested satisfactorily.

#### FURNISHINGS FOR PRESIDENT'S HOUSE

Mrs. Evans, for the special committee on furnishings for the President's House, presented the following recommendations.

**ELECTRIC FIXTURES**

A recommendation that the contract for lighting fixtures be awarded to Walter G. Warren & Co., on their bid of \$4100, the fixtures to be supplied and installed subject to the approval of the Supervising Architect.

On motion of Mr. Barrett, this report was approved and the contract was awarded as recommended.

On motion of Mr. Armstrong, an appropriation of \$4100, or so much thereof as may be necessary, was made from the Reserve and Contingent Fund by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson.

**INTERIOR DECORATION**

A recommendation that the interior decorating be done under the direction of the Supervising Architect, and that an appropriation of \$3300, or so much thereof as may be necessary, be made for this purpose from the Reserve and Contingent Fund.

On motion of Mrs. Grigsby, this recommendation was approved, and the appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Emmerson.

**FURNITURE**

A recommendation that the committee be authorized to purchase the furniture for the President's House, and that an appropriation of \$35,000, or so much thereof as may be necessary, be made for this purpose from the Reserve and Contingent Fund.

On motion of Dr. Noble, this authority was granted and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; not voting, Mr. Blair; absent, Mr. Emmerson.

**PANHANDLE-ILLINOIS PIPE LINE COMPANY**

Mr. Armstrong, for the Committee on Buildings and Grounds, reported that the Committee had met with representatives of the pipe line company on May 1, and had agreed to recommend that the company be permitted to lay its line ten feet east of the prolongation of First Street for a distance of approximately 1500 feet from the south boundary of the University's property (that is, to a jog in the road), and to lay it along the roadway to the school house, thence east in the roadway to the prolongation of Fourth Street, and thence north in the roadway to Florida Avenue.

On motion of Mr. Barrett, this matter was referred to the Supervising Architect and the Legal Counsel to draft an agreement and report it to the Board for approval.

At this point, Mr. Blair withdrew.

**PURCHASE OF DEWITT PROPERTY**

Mrs. Evans, for the Committee on Student Welfare, presented a recommendation that the DeWitt property at 1207 W. Springfield

Avenue, in Urbana, be purchased for use as a girls' cooperative house, and that \$13,000 be appropriated from the Women's Residence Halls Reserve for this purpose.

On motion of Dr. Noble, this purchase was authorized and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson.

#### COMMITTEE ON ALUMNI FOUNDATION

President Barr announced the appointment of Mr. Barrett and Mrs. Grigsby to fill the vacancies on the special committee on Alumni Foundation (see page 128). This committee now consists of Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mr. Trees.

#### JUNE MEETING

On motion of Mr. Armstrong, it was voted to hold the June meeting at Urbana at 10 a.m. on Monday, June 15, 1931.

#### DEATH OF MRS. DAVID KINLEY

On motion of Mr. Williams, the Secretary was instructed to prepare a resolution of sympathy for Dr. David Kinley because of the death of Mrs. Kinley, and to present it at the next meeting.

#### AUTHORITY TO CONFER DEGREES

On motion of Mrs. Evans, President Chase was authorized to confer degrees at the commencement exercises of the Chicago departments on such candidates as may be duly qualified and recommended by the University Senate.

#### GRADUATE SCHOLARS AND FELLOWS

The Secretary presented for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University:

Botany	Lauretta E. Fox.....	Scholarship	\$300
Chemistry	Vernal R. Hardy.....	Fellowship	500
Classics	Stephen W. Paine.....	Fellowship	400
Civil Engineering	Franklin S. Brown.....	Scholarship	300
History	George L. Anderson.....	Fellowship	400
Political Science	Carroll K. Shaw.....	Fellowship	500
Physics	Frederick W. Brown.....	Fellowship	500
Zoology	Geoffrey Beall.....	Scholarship	300
Economics of			
Public Utilities	Bessie M. Ball.....	Scholarship	400
	John L. Harper.....	Scholarship	400

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Burdette, Albert Clark, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (May 6, 1931)<sup>1</sup>

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

Christensen, Ruth, Technician in the Department of Orthopedics, in the College of Medicine, beginning April 20, 1931, and continuing until September 1, 1931, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (April 29, 1931)

Harmon, Jesse, to give instruction in Organic Chemistry in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (April 21, 1931)

Kamnetz, Alta E., Technician in Orthodontia, in the College of Dentistry, on four-fifths time, beginning April 6, 1931, and continuing until August 31, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (April 14, 1931)

Malachowski, Florence Victoria, Instructor in the Children's Clinic, in the College of Dentistry, (two half-days per week), for four months beginning May 1, 1931, without salary. (April 29, 1931)

Smith, Kenneth J., Assistant in Internal Medicine, in the College of Medicine, beginning May 15, 1931, and continuing until September 1, 1931, without salary. (May 5, 1931)

Stillwell, C. W., to give instruction in Inorganic Chemistry in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of four hundred sixty-six dollars and sixty-six cents (\$466.66) for the session. (April 21, 1931)

Walden, Emory Earl, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (May 6, 1931)

Yonan, Marshall E., Assistant in Internal Medicine, in the College of Medicine, for four months beginning May 1, 1931, without salary. (April 29, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

MEETING OF THE EXECUTIVE COMMITTEE  
MAY 21, 1931

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University Club, in Chicago, at 2 o'clock p.m. (Chicago time) on Thursday, May 21, 1931. Mr. George A. Barr, Chairman, Dr. William L. Noble, member of the Committee, and Professor J. M. White were present.

**BABCOCK TRUST FUND**

The Clerk presented, on behalf of President Chase, the following recommendation of the President, together with the papers attached.

At the March 12 meeting of the Board (Minutes, page 186) a proposal was submitted from Dean K. C. Babcock to present certain securities to the University for the establishment of a trust fund in support of research fellowships and publications in history and political science. The Board accepted this offer in principle but desired a slight change in the phraseology of the proposal and asked the Legal Counsel to prepare an instrument of trust, in legal form, for the Board's approval. I submit such a document which, if the Board accepts it, becomes a trust instrument.

This proposal has been drawn by Dean Babcock with the cooperation of the Legal Counsel who certifies that it is in such form that there is no legal objection to its acceptance by the Board of Trustees.

I recommend that this proposal be accepted.

*Proposal to the Board of Trustees of the University of Illinois by Kendrick C. Babcock for Creating a Fund in Support of Research, Fellowships, and Publications in the General Field of History and Political Science*

I submit the within proposal to the Board of Trustees of the University of Illinois, which, if and when agreed to by the Board, shall be regarded as the trust instrument defining the terms and conditions of the trust.

I propose to transfer to the Board of Trustees of the University of Illinois all my rights, title to and interest in, both legal and equitable, all the notes, bonds, securities, instruments, and things of value set forth and described in detail in exhibit A which is attached hereto and made a part of this instrument, the Board of Trustees and their successors in office to have and to hold the same absolutely and forever in trust for the following uses and purposes:

1. To pay to me quarterly at the banking house of the First National Bank of the City of Champaign, County of Champaign, and State of Illinois, the sum of \$750, to be paid, first, out of the income of the property described in exhibit A and if the income be insufficient, out of the principal fund thereof.

2. Upon my death to pay to my sister, Mrs. Harriet B. Sweet, 603 South Lincoln Avenue, Urbana, Illinois, in equal quarterly installments during her lifetime, the sum of \$2400, and to pay to my sister, Mrs. Frances M. Rebstock, 1304 Acton Street, Berkeley, California, in equal quarterly installments during her lifetime, the sum of \$600 per year, such payments to be made at such places as the beneficiaries may direct. These payments shall be made out of the income but if in any year the income be insufficient the deficiency shall be made up by payment from the principal fund.

3. To devote the income from the principal fund, as the payments to me and to my sisters come to an end, to the support of research, fellowships, and publications in such a manner as the Board may think advisable in the general field of history and political science, under the direction of the Dean of the Graduate School of the University of Illinois, or some similar and competent officer designated by the Board of Trustees of the University of Illinois. The Board will, in so far as practicable, establish group fellowships of approximately \$1,000 each, to be awarded to candidates who are beyond their second year of graduate work. The Board may, in its discretion, accumulate the income from the principal fund of approximately \$50,000 for periods not to exceed three years for the purpose of undertaking special enterprises involving substantial outlays larger than the ordinary Graduate School undertakings.

The Board of Trustees of the University of Illinois shall keep the principal of the securities, or the value thereof described in exhibit A, intact, that is to say, the principal thereof shall not be drawn upon for any of the purposes of this trust except as

hereinbefore stipulated, and invested in income producing securities selected by the Board or by its duly constituted representative, but without obligation to make such investment in compliance with the technical rules of law concerning the investment of trust funds.

It is understood that if or when the principal and income of the trust fund provided herein shall be exhausted, through payments therefrom in conformity with the provisions of this trust instrument, or through other causes without the fault of the trustee, all obligations and payments hereunder shall forthwith come to an end.

KENDRIC C. BABCOCK

January 22, 1931

#### ASSIGNMENT OF TRUST

I hereby assign, set over, sell, and transfer to the Board of Trustees of the University of Illinois all the securities, choses in action, instruments and things of value listed on Exhibit A attached hereto and made a part hereof, to have and to hold the same forever for the uses and purposes of the trust proposal made by myself to the Board of Trustees of the University of Illinois and by them accepted. The trustee under the aforesaid instrument is empowered to make all necessary endorsements for the purpose of effectuating transfers, conversions, and in general carrying out the intent and purpose of the trust.

Dated this twentieth day of May, 1931.

KENDRIC C. BABCOCK

#### REVOCATION OF TRUST

*To Newton M. Harris and Hazen S. Capron, Trustees*

GENTLEMEN:

Please take notice that I hereby revoke the trust instrument dated December 2, 1930 by the terms of which you became trustees with authority to hold and invest certain securities and to pay the income thereof to certain specified purposes. I hereby direct you upon demand to deliver all of the securities held by you and such as are described in Exhibit A attached to the above mentioned trust instrument, and all accrued interest and income thereof, to the Board of Trustees of the University of Illinois, upon demand of a duly authorized officer or agent of such Board of Trustees.

This revocation shall take effect immediately and as of the date of this instrument.

Dated this twentieth day of May, 1931, at Urbana, Illinois.

KENDRIC C. BABCOCK

#### AUTHORITY TO RECEIVE TRUST SECURITIES

Urbana, Illinois

May 20, 1931

*Mr. Lloyd Morey, Comptroller of the University of Illinois*

MY DEAR MR. MOREY:

On December 2, 1930, I executed a trust instrument naming Newton M. Harris and Hazen S. Capron as trustees to hold and administer certain securities for the effectuation of objects and purposes specified in the trust instrument. I assigned the securities to the trustees named for the purposes designated.

You are authorized by this instrument to call upon the above named trustees and demand of them and to receive from them for and in behalf of the Board of Trustees of the University of Illinois and for its use as trustee all of the instruments, securities and things of value described in the trust instrument aforesaid, together with all accrued and unpaid interest and income thereunder.

Very truly yours,

KENDRIC C. BABCOCK

On motion of Dr. Noble, the trust fund offered by Dean Babcock was accepted on behalf of the University, for the purposes for which it was given, and the Comptroller was authorized and instructed to take possession of the securities and other things of value pertaining thereto.

**FIREMEN'S TOWER**

Professor White presented the following letter.

May 12, 1931

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

The State Legislature passed an emergency appropriation of \$9,000 for certain work to be done in connection with the Firemen's Tower on the northwest corner of our Vivarium site. So far as I know, they did not consult the University about their appropriation and now they want to have the money spent before the Seventh Annual Fire College which starts June 23.

They desire to increase the area around the Tower so that they will have fifty feet of clear space to the east of it. Their plans provide for building a large cistern, the extending of a water line down Sixth Street, the concreting of the entire area, the bricking up of more of the walls of the Tower and the placing of a standard fire escape on the north side. They want to provide sprinkler equipment and certain other facilities to make the Tower more useful for their training work.

All of these items seem to be okeh providing the drawings for same are approved by us and that the work is done to our satisfaction, as of course the Tower on University ground is University property. The increasing of the area and the building of a smoke room just east of the Tower I think need a little further consideration. I will have an interview with the Secretary of the Association this afternoon to get some further light on this part of the program.

Yours truly,  
 JAMES M. WHITE  
*Supervising Architect*

Professor White stated that he presented the following recommendations with the approval of President Chase:

1. That the additional twenty feet of land east of the space now occupied by the tower be assigned for the use of the Tower.
2. That the University give its approval to the program of construction, including the award of the contract to King & Petry.

On motion of Dr. Noble, these recommendations were approved.  
 The Executive Committee adjourned.

H. E. CUNNINGHAM  
*Clerk*

GEORGE A. BARR, *Chairman*  
 WILLIAM L. NOBLE

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

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**June 15, 1931**  
**With Adjourned Session of**  
**June 26, 1931**



The June meeting of the Board of Trustees of the University of Illinois was held at the University in Urbana, at 3:30 p.m. on Monday, June 15, 1931. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of May 14, 1931; also, for record, the minutes of the Executive Committee meeting of May 21, 1931. On motion of Mr. Armstrong, the minutes were approved and received for record as printed on pages 217 to 238 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**ILLINOIS HOME BUREAU FEDERATION**

(1) A request from Mrs. Henry J. Mies, President of the Illinois Home Bureau Federation, that a committee of that organization be permitted an interview at this meeting of the Board.

This hearing was granted. Four ladies representing the Federation appeared and made statements concerning the desirability of establishing work in parent training, including a nursery school.

**DEGREES TO BE CONFERRED IN JUNE**

(2) The Secretary has the recommendations of the University Senate for degrees to be conferred on June 16, the degrees to be conferred at the end of the Summer Session subject to the completion of certain requirements, and the degrees conferred at the Commencement exercises of the Chicago Departments on June 13.

I request authority to confer the degrees in accordance with the recommendations of the University Senate on June 16 and the same authority to confer degrees in accordance with the recommendations of the Senate at the end of the Summer Session when the requirements of the candidates concerned have been met. The Board on May 14, authorized the conferring of the degrees at the exercises of the Chicago Departments.

On motion of Dr. Noble, the President was authorized to confer degrees on June 16 as recommended.

On motion of Mr. Trees, the President was authorized to confer degrees on duly qualified candidates in August as recommended.

*SUMMARY OF DEGREES, JUNE, 1931*

<i>Honorary Degrees</i>	
Doctor of Laws, May 1, 1931.....	4
<i>Degrees in the Graduate School</i>	
A.M.....	75
M.S.....	98
M.Arch.....	1
C.E.....	3
E.M.....	1
E. Physicist.....	1
M.E.....	1
Ph.D.....	58
<i>Total</i> .....	238
<i>Baccalaureate Degrees</i>	
A.B.....	446
B.S. in Liberal Arts and Sciences.....	46
B.S. in Commerce.....	248
B.S. in Engineering.....	263
B.S. in Agriculture.....	92
B.Mus.....	11
B.S. in Library Science.....	118
B.S. in Education.....	334
B.S. in Journalism.....	39
<i>Total</i> .....	1597
<i>Degrees in Law</i>	
B.S.....	1
LL.B.....	65
J.D.....	4
<i>Total</i> .....	70
<i>Total, Colleges and Schools at Urbana</i> .....	1909

<i>Degrees in Medicine</i>	
B.S.....	82
Certificate in Medicine.....	119 <sup>1</sup>
<i>Total</i> .....	82
<i>Degrees in Dentistry</i>	
B.S.....	4
D.D.S.....	37
<i>Total</i> .....	41
<i>Degrees in Pharmacy</i>	
Ph.C.....	139
Certificate in Pharmacy.....	61
<i>Total</i> .....	139
<i>Total, Departments in Chicago</i> .....	262
<i>Total, All Departments, June</i> .....	2171
<i>Total in February</i> .....	285
<b>TOTAL, ALL DEPARTMENTS, 1931, TO DATE</b> .....	2718

## COLLEGE OF LIBERAL ARTS AND SCIENCES

**Degree of Bachelor of Arts**

## In Liberal Arts and Sciences

ZEAMORE ABRAHAM ADER	MARY ESTELLE BERNDT, with
ARTHUR HERMON ADES	Honors in History
RICHARD BARBER AINSWORTH, with	SAM CAROL BERNSTEIN, with
Honors in Economics	Honors in History
MIRIAM URY ALLEN	MILDRED BERTHOLD, with Honors
ETHEL MARY ANDERSON	in German
LOUISE ELIZABETH ANDERSON	MARGARET ELIZABETH BESORE
MILO DONALDSON APPLEMAN	HARRISON YOUNG BINGHAM
WINIFRED KEEN ARMSTRONG	RUSSELL HAROLD BLAKELY
DOROTHY MORTON AUSTIN	MARY EMELINE BLAKNEY, with
EDWARD SAMUEL BACK	Honors in History
ELIZABETH JANE BACON	BERNICE BLOOMFIELD
PERNE BAHLMAN	STANLEY LYMAN BODMAN
HELEN FRANCES BAKER	LILLIAN MARIE BOLLE
LUCY WENDELL BAKER	ALBERT WEBBER BORCHERS
MYRON EUGENE BAKER, with Honors	ISABEL GRACE BOWER
in History	LOIS PAULINE BOYD
GEORGE ARTHUR BALDWIN	ELLEN WILBY BRAYSHAW
EVA HELENA BALSTAD	MAURICE MORGAN BRIGGS
RUTH LOUISE BARKER	PAUL CLARKE BRINES, JR., with
STEPHANY VERONICA BARNETT	Honors in Public Speaking
CHARLOTTE HARRIET BARRETT	VICTOR FRANKLIN BROUGH
LOUIS MARION BAUERLE	JANE CLARK BROWN, with Honors
STEWART GILLHAM BEATTY	in Latin
ESTHER LILY BECK	DOROTHY HENRIETTE BURG
DOLORES SELMA BECKER	ESTHER VIRGINIA BURRIN
LEE ALLAN BECKER	GEORGE GORDON BURROUGHS
PAUL LINCOLN BEDINGER	OLGA MILDRED BURSİK
ELIZABETH ANN BEMENT, with Honors	WILLIAM CLEAVENGER BUSCH
in Sociology	MAURINE JOHNSON CADDY, with
MILTON LLOYD BENJAMIN	Honors in Public Speaking
ANNA BERYL BENNETHUM, with	ESTHER CATHERINE CALDWELL
Honors in Sociology	CHARLES WAYNE CAMPBELL
DONALD CLAUDE BENNETT	

<sup>1</sup>Showing the completion of four years' work—not counted as degrees.

- MARGARET LUCY CARNAHAN, with  
Honors in English and French
- HELEN JEWEL CARPENTER  
ELLINORE CELESTE CARROLL  
MARY ANNE CARSON  
RODERICK CHARLES CARY  
JAMES ANDRE CAVE  
CHARLES EDGAR CESSNA, with Honors  
in Spanish
- GEORGE LOY CHERRY, with Honors  
in Zoology
- ZYGMUND FRANCIS CHOLEWINSKI  
GLADYS ANNETTE CHULOCK  
ALICE CREIGHTON CHURCHILL  
MARIAN CLARK  
JOHN HUFFMAN CLEMENTS  
EDWARD AYLWARD CODY  
EUNICE COLLINS  
GEORGE EDWARD COLYER  
SUSAN ELIZABETH CONLEY  
MILTON GILLETTE COOK  
EVELYN STELLA COOPER  
HELEN SHEPHERD CRANE  
NORMA ALIENE CRAWFORD  
THEODORE ROCKWOOD CRAWFORD, with  
Honors in English
- MARGARET ELIZABETH CROCKER  
MARIE CROUCH  
FLOYD GARVER CROW, with Honors  
in History
- ROY FREDERICK CULBERTSON  
VERNON SLOCUM CURTIS, JR.  
AMANDA ELIZABETH DANIELS  
ROBERT KIRKPATRICK DEAN  
VIRGINIA MARGARET DEAN, with  
Honors in English
- ELIZABETH DE BERARD  
CLARENCE JOHN DEMPSEY  
JOSEPH FRANCIS DIVER  
WILBUR LESTER DOOLEY  
CHARLES WILLIAM DOTSON  
JOHN BENJAMIN DRURY  
ROBERT NEWELL DUPUIS, with  
High Honors in Chemistry
- FRANCES ANN EBERLEIN, with Honors  
in English
- VIOLA FRANCES ROSE ECKERT  
FRANK WAYNE EDEL  
VIRGINIA BETTY EDES  
BENJAMIN MAURICE EDIDIN  
EVELYN MARGARET EHMAN, with  
Honors in Psychology
- LEANORE HANNAH EHRlich  
STINA EVA LOUISE EKLUND  
LENORE ELLIOTT  
GRACE ALICE ESDOHR  
ELIZABETH ELEANOR EVANS  
WILLIAM LINCOLN EWALD, with  
Honors in Zoology
- GERSON FADEN  
DAVID WAGNER FAIRFIELD  
ROBERT WILKINSON FARRELL
- JENNIE RUTH FELDMAN, with  
Honors in Mathematics
- JUNE DOROTHY FERGASON  
SULAH MARJORIE FERGUSON  
ROBERT SAMUEL FIELD  
ELEANOR CECELIA FINNEY  
DELMAR PAUL FISHER  
DWIGHT PRESCOTT FLANDERS, with  
High Honors in Economics
- LOIS MARGARET FLEMING  
MARGARET ALICE FLINT, with Honors  
in History
- DOROTHY JANE FOGWELL  
KATHRYN MARIE FORD, with Honors  
in History
- MARCELLA VICTORIA FORDON, with  
High Honors in Botany
- BETTY CAMERON FORREST  
HELEN MILDRED FOULKS  
MARGARET WANDA FRAZIER  
GLADYS IRENE FREEMAN  
GERTRUDE BARBARA JUNGE FREEVOL,  
with Honors in German
- ROSE EALINE FREIDLIN, with  
Honors in History
- JULIUS FRANK FRIEDBERG  
RAYMOND JOHN FROEHLICH  
MELVILLE WESTON FULLER, with  
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- ELIZABETH FURST  
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RAYMOND JAMES GENGLER  
DOROTHEA LOUISE GILBERT  
GRETA ELISABETH HUFF GILL  
GEORGE EVERETT GILMAN, with  
Honors in Chemistry
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VIOLET MARY GLADVILLE  
CHARLES STEWART GOODALL  
CHARLES CEE GORDON  
LIBBY HARRIET GORDON  
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Honors in Political Science
- LEO HANDIBODE GRAHAM  
GRACE MARGARET GREEN  
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ALEXANDER HUNTER GUNN, III  
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CHARLOTTE BELLE HARTMANN  
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- MARY GRACE HAYES  
 WALTER OTTO HERSCHBACH, with  
 Honors in History  
 ALICE ETHEL JOAN HESSLER  
 HELEN ELIZABETH HIBBS  
 GERTRUDE BRANTLEY HIGDON  
 JULINE ELIZABETH HITCHCOCK, with  
 Honors in Psychology  
 DOROTHY DIANE HOKE  
 MABEL BELLE HONOROFF  
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 MARY LOUISE IRVIN, with High  
 Honors in History  
 ROBERT THEODORE ITTNER, with High  
 Honors in German  
 CHARLES ROBERT JACOBSON  
 GARLAND URIAH JAMISON  
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 RUTH SCOTT JOHNSON, with Honors  
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 ESTHER FLORENCE WIRICK, with  
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 HARRY EDWARD WRIGHT, with  
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 JOHN SHUP WRIGHT, with Honors  
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 ELSIE FREDRICKA ZELLE, with Honors  
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 MILDRED GERTRUDE BACON  
 BEATRICE ELIZABETH BEALL  
 VIRGINIA ELIZABETH BELL  
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 INEZ LESUER PRUDENT, with Honors  
 ANNETTE HELEN SCHAD  
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 WILLIAM DEWAIN ALLERS  
 DOROTHY LEOTA BRADBURY  
 DONALD THEODORE CHILDS  
 JOHN CLARK  
 GEORGE VINCENT COHEE  
 HELEN MARKELLA FLENTJE  
 RAYMOND A FUES, with Honors in  
 Zoology  
 JAMES WILFORD KARRAKER, with  
 Honors in History

CHARLES KATZ  
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 RICHARD FORSE PETERSON  
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 MABEL AUGUSTA PRITCHARD, with  
 Honors in Zoology  
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SEYMOUR I PESKIND  
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## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

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Honors  
RUSSELL FRANKLIN BOYD  
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LOUIS MELVIN BYERS, with Honors  
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JOHN HAY DETRICH, JR., with Honors  
NATHAN DEUTCH  
RICHARD ERNEST ELLIOTT  
JAMES ARTHUR FETTEROLF  
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JOHN LESLIE HARPER, with Honors  
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VERNON LESLIE KRETSCHMER  
INGWALD GEORGE LARSON, with  
Honors  
RALPH ORVILLE LINVILLE  
GEORGE JOSEPH LOBSTEIN  
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PAUL HOMER MOORE, with Honors  
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ELMER CHARLES SCHUNK  
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ARTHUR HOWARD ELLIS

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ISABEL ROPER

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High Honors

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EVERETT DONALD CARTHEY  
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## COLLEGE OF ENGINEERING

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JOE LYLE BENNETT  
MARTIN HENRY BRAUN  
ARTHUR SEWARD DAVIS, JR., with  
Honors  
RUSSELL ORRIN DEETER  
IRVIN GEORGE HENRY HERWIG  
MAX REDER HORWITZ  
WILLIAM VOGT KAESER  
WILLIAM KECK  
ARTHUR PAUL KLASING  
KENNETH NELS LIND

CHARLES IRVING LUCKMAN  
DONALD DEMPSTER McGARRY  
MILTON OWEN PICKNELL  
ARTHUR CLARENCE PURDY  
FRANK REED, JR.  
EDWIN THORLEY REEDER  
ALBERT CHARLES SACHTLEBEN  
THEODORE LAKIN STEELE  
CHRISTIAN HENNING VAGTBORG  
GRACE WILSON  
WALDO J W WINTER  
HENRY CHARLES WOLF

#### In Architectural Engineering

GABRIEL DUMLAO CARPIO  
NEAL WARD CASH  
EUGENE LANDIS CHAPMAN  
DAVID BERTLAND CHESKIN  
JOSEPH FRANK CHOCHOLE  
MYRON RICHARD COTHERN  
MARVIN ELLIS DEAN  
CHARLES EUGENE DUNCAN  
\*PAUL BOWMAN EVANS  
MAURICE WELLINGTON FERST  
OTTO RICHARD HILLS  
LAWRENCE LOUIS HUPE  
TAKESHI ITO  
MILES CHARLESTON JOHNSEN  
DON EUGENE KNOBLAUCH  
GEORGE BERNHARDT LOEFFLER  
PAUL NOBORU MORIHARA

NELS HENRY ORNE  
LOWELL EUGENE OZIER, with Honors  
JOHN NICHOLAS PIROK, with Honors  
THOMAS FUNKEY RHODES  
ROBERT HANDLIN RUGH, with Honors  
CASE MORGAN RUTLEDGE  
JOHN EMANUEL SPANN  
CARL JOHN STERNER  
HAL HOPE STOELZLE  
GUY CALVIN STOLTZ, JR.  
WILLIAM JOSEPH STRAIN, with High  
Honors  
WALTER ANDREW STRANDIN  
LEWIS BIRD SUTHERLAND  
MAC IRVINE WALLINGFORD  
HOWARD EDWARD WILLIAMS

#### In Ceramics

STEVEN MERCHANT SLATER

#### In Ceramic Engineering

KENITH DEAN ATKINS  
RAYMOND CARL CONOVER  
CHARLES HAROLD GERMAN  
ELROY EUGENE HOWE  
WILBUR STEWART KUTTNER

KENNETH CASSINGHAM LYON, with  
High Honors  
WILLIAM JOSEPH PLANKENHORN  
CARL HENRY RAPP, with High  
Honors  
JOHN HENRY THOMAS, JR.

#### In Civil Engineering

JOHN ROLAND BAGBY  
NORBERT EARL BIBOW  
ARTHUR CHARLES BRAMING  
FRANKLIN STEWART BROWN  
DAVID JOSEPH BRUMLEY  
NAPOLEON CRESENCIO CARBONELL

JAMES FREDERICK CHANDLER, with  
High Honors  
WILLIAM EMMITT CHASTAIN  
JOHN PARKER CISLER  
JAMES CONTRATTO  
EDWARD MARSHALL CRAIG

\*Diploma to be awarded on completion of advanced R.O.T.C. Summer Camp requirement.

JOHN RAMMAGE CURTIS, JR.  
EMMONS WILFORD DE BERARD  
DAVID DESMOND DECKER  
FRANK LESLIE DORR  
LAWRENCE LLOYD EDGREN  
MARTIN THOMAS EKOVIICH, with  
Honors  
DAVID WILL EVANS  
GEORGE THEODORE FISCHER  
EDWIN CHALMER FRANZEN, with  
Honors  
JUAN GALINATO GALINATO  
ARTHUR ROBSON GILKERSON  
EUGENE WINSTON GROVES  
ROBERT CHARLES HAMMERSMITH  
FRANK WILLIAM HANSFORD  
HAROLD LORENZ HAWORTH  
ROBERT RUSSELL HERWEG  
ALBERT EDWARD HILL  
HERBERT THEODORE HOLMQUIST  
HERBERT EDSON HUDSON, III  
RALPH STEVENSON JOHANSEN  
DONALD LYMON JOHNSON  
GEORGE LEONARD JOHNSON  
DON JOHNSTONE  
JAMES JUN  
ABRAHAM AARON KATZ

WARREN LEONARD KESSLER  
DANIEL READING KETCHUM  
MILO SMITH KETCHUM, JR.  
ARTHUR PETER KETTENHOFEN, with  
Honors  
JOHN BOLLING LOCKETT  
ARTHUR LAWRENCE LOGAN  
FRANK SPENCIR LOOMIS  
FRED BARRETT MARSHALL  
CHARLES ARTHUR NELSON  
BOYD EDWARD NORVELL  
HAROLD DENTON PEOPLES  
CARL HAROLD PETERSON  
THOMAS EMMETT PHILBIN  
EARL JOHN RALPH  
BENJAMIN CALLISON SEAL  
ROBERTO DAVID SEIDEL  
LEE HANLEY SENTMAN, JR.  
LOWELL HOWARD SHIFLEY  
EDWIN JAMES SNOW  
FELIX WITHOLD SZMAGAJ  
HAROLD DEAN THOMPSON  
JAMES NORVEL TRUE, with Honors  
LEONARD EVERETT VAN EPPS  
ROBERT ORVILLE WALLER  
CLARENCE OSCAR WIES  
GEORGE McCAW WOOD

#### In Electrical Engineering

ADAM ESSLER ABEL, JR.  
HAROLD HENRY ACKMAN  
WILLIAM CURTIS ADAMS  
JOHN HENRY ARMSTRONG, with High  
Honors  
VILAS EARL BOOTH  
AUBREY HERMAN BRAUNSDORFF  
PAUL BREITOWICH  
GENE L BREWER  
BUFORD MASON BROWN  
EDGAR WESLEY BROWN  
WILFRED PAUL BURGLUND  
HOWARD HARBOUR COHENOUR  
HOWARD WAYNE COX  
JOSEPH FRANK DAMIDOVICH  
GILBERT HOWARD FETT, with High  
Honors  
GEORGE EDWARD FLODIN, with  
Honors  
HILDING VINCENT FOREEN  
DONALD CRAIG FROST  
BERNARD GOLLUB  
HOWARD EUGENE GRAHAM  
\*JOHN AUGUSTUS HARVEY  
HAROLD HELLMAN  
WILFRED MARION HESSELBERTH  
RICHARD GRIFFITH HUMPHREY  
ELMER IBERG  
DANIEL BASH JAMISON  
HERBERT RAYMOND JOHNSTON  
OSCAR HERMAN KAMINKY  
GILBERT DEFOREST KINZER  
GEORGE KRIVISKEY

ALEXANDER GEORGE LABBOK  
LESLIE EVERETT LAPPIN  
J DEANE LOWE  
E NEWELL LUMSDEN  
CLIFFORD CLARENCE MCCARTIN  
HOWARD LESLIE MCCOWAN  
ANDREW MABON  
JOHN WALTER MARQUARDT  
CHARLES ELMER MEADOR  
MILES JULIUS MELING  
LYLE HARTMAN MELIZA  
GEORGE FOREST MEYER  
JOHN CLEMENT MONAHAN  
ROLLAND PAUL PFEIFFER  
GEORGE WELLINGTON PICKELS, IV  
GORDON HARRELSON PITNER  
EMIL JAMES POUZAR  
WILLIAM DWIGHT SHANNON  
EMERSON ARTHUR SHULTZ  
JULIAN LEWIS SPENCER  
CHARLES DONALD STEWART  
KENNETH ALVIN STOLL  
CLARENCE RAMSEY STOUT  
RICHARD VANDUZER STRONG, with  
Honors  
HAROLD LEON THOMPSON  
CLIFFORD JAMES WALDRON  
ROBERT JAMES WEST, with High  
Honors  
EDWARD HALTER WICKLAND  
DAVID EDGAR WIEGAND  
ALLAN HARDING WILLARD  
J R WOODFILL

\*Diploma to be awarded on completion of advanced R.O.T.C. Summer Camp requirement.

## In Engineering Physics

FRANKLIN SEANEY COOPER, with  
Honors  
ALBERT MAURICE FROGGATT

MALCOLM ARTHUR MCGREGOR  
SAMUEL POUCHER MITCHELL

## In General Engineering

MILTON EDWIN ALDRICH  
KEITH JOHN CADDY, with Honors  
HUGH ALEXANDER FISHER  
FRED WILLIAM GARTNER  
CARL JAMES HARPER  
SEVERIN PETER LANGHOFF, Jr., with  
Honors  
PAUL PACILIO

\*DONALD WAYNE RAY  
HENRY CHARLES SCHROEDER  
KENNETH CHRISTIAN SHRADER, with  
Honors  
PAUL JEAN WARRICK  
HAROLD BERTRAM WISHART  
GERALD HENRY ZIMMERMAN

## In Mechanical Engineering

ALBERT CUNNINGHAM BELL, JR.  
ELDOR WILLIAM BORGERS  
BENJAMIN EARL BOYD  
WAI CHIU CHU  
LINDO CORSO  
ELDON O A CRONQUIST  
JAMES ELY DARE  
VERNON LEWIS DURRSTEIN  
SHIRLEY FRANCIS EHMAN  
\*THEODORE MAURICE FAHNSTOCK  
EARL LA MARR FEICHT  
CLARENCE EDWARD FORD  
CECIL MERRITT GARDINER, Jr., with  
Honors  
LARS JOHN HALVORSEN  
GUSTAV FREDERICK HANSEN  
RICHARD WILLIAM HENDERSON  
ROBERT PAUL HONOLD, with High  
Honors  
CHARLES MAYER HYMAN  
VAN WILDER JOSLIN, with Honors  
SAMUEL LEHRMAN  
WILLIS ERNST LINNE  
HOWARD JOHN LITTELL

MELVILLE CHARLES LOBSTEIN  
HENRY VINCENT LONERGAN  
COLIN DUNCAN MALCOLM MACKENZIE,  
with Honors  
CHARLES EDGAR MARKLAND  
WILLIAM LAMON MOYER  
ROBERT HENRY NEWELL  
GEORGE EDGAR PARKS, JR.  
LYLE FRANK PECKMANN  
STEPHEN PISKUR  
WILLIAM ROBERT RICHARD REINHOLD  
WILLIAM FRANKLIN RIDGWAY  
EARNEST YOUNG SEBORG  
J WALDO SEIPLE  
FRANCIS MARTIN SOMERS  
GEORGE EDWIN SORENSEN  
ROBERT ELMER STEIN  
SAMUEL MILLER STONE, JR.  
FRANK KINGSBURY SWEETMAN  
WILLIAM JACOB UNFRIED, JR.  
DONALD KELSEY WATSON  
RICHARD HIGINBOTHAM WITTBOLD  
ERNEST McCLAIR WOERNER

## In Mining Engineering

HORACE MANN ADAMS

LEONID APHINOGENOVICH WOROSHILOFF

## In Railway Civil Engineering

GEORGE WILLIAM BARRY  
MELVIN MARK CULP, with High  
Honors

HAROLD DAVID IMHOFF, with Honors  
SING-KUE LIANG, with High Honors

## In Railway Electrical Engineering

EDWARD WILLIAM HORNING, with  
Honors  
WILLIAM ROSSWELL MARSTON

THADDEUS WALTER MERMEL  
GRANVILLE TILBERG SANDS  
CRAWFORD ELLINGWOOD STAPLES, JR.

## In Railway Mechanical Engineering

BERNABE RULLODA DACANAY  
PAUL EMERSON NEEDHAM

ROBERT HENRY NEWELL

\*Diploma to be awarded on completion of advanced R.O.T.C. Summer Camp requirement.

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## In Agriculture

WENDELL WOODS ADAIR	HENRY PRESTON LAWRENCE
GENTRY DALE ADAMS, with Honors	ELMER HUGO LOEHR
KARL FRANKLIN ADAMS	HENRY MARLOWE
ROBERT BALDRIGE	ERNEST LANDREY MARTIN
EVERETT GEORGE BARRETT	LLOYD CHARLES MCHATTON
WILLIAM BRYAN BRAEUNINGER	LAWRENCE HENRY MUMM
WALTER AUGUSTA BREWER	DE VERE MUMMERT
LOUIS RALPH BRYANT	HAROLD WALDO NEELY
HENRY CLARENCE CARRISON	DONALD JOHN NELSON
JACOB GERALD CASH	HAROLD NICHOLS
CARL NEWLIN CONOVER	JEPHTHA FITZ RANDOLPH
DOMINICK COSTA	CARL ERNEST REINCKE
DONALD IRVING DEAN	CASSIUS ALBERT ROBERTS
THOMAS EVERETT DERWENT	JOHN WILLIAM ROGIER
KENNETH DONALD DIEHL	OTIS EUGENE ROSS
GEORGE ARNTZEN DOOLE	ELMER WELLS ROWLEY, with Honors
STANHOPE BALLOU FOSTER	JOHN MICHAEL RYAN
*HAROLD WENDEL GAULRAPP	RAYMOND HERBERT SACHSE
GEORGE CRAIG GILMORE	DAVID SALOMONE
CHARLES NEWTON GLOVER	ELMER LOUIS SAUER
THOMAS CHRISTIAN HANSON	LLOYD VINCENT SHERWOOD
HARVEY BOUTON HARTLINE	WAYNE LEE SIDWELL
BURL ATLEE HOCKING	BERNARD CURTIS TAYLOR
EMORY GRANT HOLT	ERNEST WILLIAM VATTHAUER
RALPH CHARLES HUBBARD	LOUIS HENRY VOLLMER
WILLIAM HOWARD KAUFFMAN, with Honors	JOHN GRAHAM WILSON
	THURMAN WRIGHT

## In Floriculture

HANS BAHR	FRED WILLIAM SEIBOLD
PAUL RICHARD BRUNS	J PAUL SIBBITT
WILBERT WILLIAM GRIMMER	MAURICE ELWOOD TURNER
MILTON ROOSEVELT HARTIG, with Honors	DIRK JOHN VANDERWAL, with Honors
NELLIE TRUMAN KING	ELMER GEORGE WOODS

## In Home Economics

LILLIAN BENNETT	HULDA THEODORA MEISLAHN
LOLA EHRHART GRANT	MARCIA WILLMA MILLS
ROSE LEE HALPERIN	VIRGINIA FRANCES MURTON
MABEL LOUISE HAWKES	KATHARINE JANE O'NEILL
JEAN HOEFT	ANNETTE MARIE SCHOLL
IRMA NELDA ISENBURG, with Honors	MARIAN PAGE SIMONSON
MARY FRANCES LANGFORD	BOBETTE TURNER
MYRTLE MARGARET MAINA	MARY VIRGINIA WILKES

## In Landscape Architecture

EDWIN EARL ATWOOD	BARBARA JANE JENKINSON, with Honors
JOHN LEVI BLOOM, JR.	
ROBERT HAROLD BOWEN	CLAYTON THEODORE KREIN
JOHN LOREN BROWN	CHARLES ERNEST KRUEGER
ARTHUR RAYMOND GROESER, with Honors	HAROLD CLARENCE POYER
HOWARD JAMES HUNN	JAMES TRUMAN ROBERTS
	OBERT STANLEY WERLAND
	SARAH LOUISE WORST

\*Diploma to be awarded on completion of advanced R.O.T.C. Summer Camp requirement.

## COLLEGE OF LAW

## Degree of Bachelor of Science

PAUL CARMEN ROBERTS, LL.B., 1930

## Degree of Bachelor of Laws

SAM FRANK ADLER  
 ROSSLYN ERNEST ARMBRUSTER, A.B.,  
 1930  
 JACOB BERKOWITZ  
 STEPHANIE XAVIER BLASZCZENSKI  
 WILMA ELISABETH BUSENBARK, with  
 Honors  
 LESTER FREDRICK CARSON  
 SOL HARRIS COHEN  
 GEORGE PETER COUTRAKON  
 HAROLD ALFRED CRAIG  
 THEODORE OLIVER CUTRIGHT, A.B., 1929  
 ELMER FRANK DAVIES  
 HUGH ALBERT DENEEN  
 JAMES PETER ECONOMOS, B.S., 1930  
 ARTHUR WILMANS ELLIOTT  
 CARL WILLIAM FEICKERT  
 ABE MARVIN GETZ, A.B., 1929  
 ALBERT J GILSON, with Honors  
 CARL IRWIN GLASGOW  
 ERWIN CLARE GODFREY  
 FRANK JOSEPH GOLLINGS, B.S., 1930  
 PAUL MONTGOMERY GREENWELL, A.B.,  
 1929  
 NORMAN JOSEPH GUNDLACH, B.S., 1928  
 ARCHIE MARTIN HALL, A.B., 1929  
 HALLIE CLAYTON HANEY  
 THOMAS NEALE HANLEY, A.B., 1928,  
 State University of Iowa  
 SAMUEL GEORGE JENKINS, A.B., 1929  
 DAVID WILLIAM JOHNSTON, A.B., 1927,  
 University of Michigan  
 BARNEY KAHN  
 WILLIAM KNOWLES LAIRD  
 LEON LOUIS LAMET

COOPER BENNETT LAND  
 BEN CARL LEIKEN, B.S., 1929  
 MYRON LEWIS  
 MAX JOSEPH LIPKIN  
 CHARLES JOSEPH MCKEOWN  
 ARCHIE ANDREW MERCEY  
 FRED BERNARD MEYER  
 ROSS MILLER  
 SID MOGUL  
 HUBERT EDWARD NELSON, A.B., 1928  
 EDWARD RALPH PHELPS  
 HENRY CLAYTON PIEL  
 GORDON GLEN PILLOW  
 HARRY HAROLD PINSLEY  
 ROY ALWYN POWERS, B.S., 1929  
 DAVID FRANCIS ROOT  
 THOMAS ROSENBERG  
 LYLE HAROLD ROSSITER  
 JOSEPH ROTH  
 IRVING SIDEMAN  
 LAWRENCE ANTHONY SMITH  
 JAMES CHARLES SOPER  
 FRANCIS BOECHER STINE, B.S., 1929  
 LEWIS RANDOLPH SUTIN, A.B., 1929  
 JOHN DOWNING THOMASON  
 ALBERT GEORGE TUXHORN  
 GRAHAM MENZEL VAN NESS  
 ALBERT LAWRENCE VOLLBORN, JR.  
 FRANK E WARDECKER  
 LYLE KENNETH WHEADON  
 HAROLD RAYMOND WHITE, B.S., 1929  
 LEON RICHARD WHITNEY  
 EUGENE HAROLD WINELAND  
 MAURICE PHILLIP ZERFACE  
 EDGAR OLIVER ZIMMER

## Degree of Doctor of Law

MASON JOHN CLARKE, A.B., 1929,  
 with High Honors  
 VICTOR EUGENE FERRALL, A.B., 1929,  
 with Honors

DAVID MCCOLL HUDSON, A.B., 1929,  
 with Honors  
 FREDERIC LEE KIRGIS, A.B., 1929,  
 with Honors

## SCHOOL OF MUSIC

## Degree of Bachelor of Music

FREDERICK REAMY BELLMAR, with  
 Honors  
 ELMER RAYMOND BELOOF  
 GERALDINE ELIZABETH BENNETT  
 ALVA JEAN BRIDGES, with Honors  
 RHEA VERONA CREWS  
 DORIS VIRGINIA DANKS, with Honors

DANIEL JONES  
 HALL MCINTYRE MACKLIN  
 BENJAMIN RAUCH  
 IVA ADALINE REYNOLDS  
 GEORGE CLAY WILSON, JR., with  
 Honors

## LIBRARY SCHOOL

## Degree of Bachelor of Science in Library Science

LENA LOUISE ADCOCK, A.B., Knox College, 1930

- MARGARET CONSTANCE ARMSTRONG, A.B., Knox College, 1925  
 ELIZA VALERIA ATKINS, A.B., Fisk University, 1930, with High Honors  
 LAURA MINERVA BAKER, A.B., 1912  
 MAYSEL O'Haver BAKER, A.B., DePauw University, 1922; A.M., University of Wisconsin, 1928  
 LAURA VIRGINIA BEACH, A.B., 1928, with High Honors  
 EVELYN CHOATE BEAMER, A.B., University of Wisconsin, 1930  
 EMMA KATHARINE BERGMANN, B.S., McKendree College, 1926, with Honors  
 MARGUERITE ESTELLE BOWLES, A.B., University of Texas, 1927  
 HAZEL LOUISE BOWMAN, A.B., 1930  
 ALICE ROSALIE BRASFIELD, A.B., University of Kansas, 1925  
 DOROTHY EVELYN BRIDGES, A.B., Nebraska Wesleyan University, 1928, with Honors  
 ELIZABETH CLARA BRIGGS, A.B., Miami University, 1930  
 HELEN ELIZABETH BROWN, A.B., H. Sophie Newcomb Memorial College, 1929, with High Honors  
 MARGUERITE BANGS BROWN, A.B., Missouri Wesleyan College, 1924, with Honors  
 ELINOR MARIAN CHAPPLE, A.B., University of North Dakota, 1926, with Honors  
 EUNICE ESTHER CHRISTIANSEN, A.B., Augustana College, 1918  
 JEANNETTE HAZEL CLAUSEN, A.B., Lawrence College, 1930  
 ELIZABETH ANNE CLUGSTON, A.B., University of Wisconsin, 1930  
 RUTH IRENE COBLENTZ, A.B., Manchester College, 1927  
 MAUDE COWAN, A.B., Southeastern Teachers College, 1929  
 MERLIE MARGARET DAMERAU, A.B., Lawrence College, 1926  
 HILDA MAE DICKERSON, A.B., Denison University, 1928  
 MARGARET MARIE DICKSON, A.B., Marietta College, 1928  
 MARY ELLEN DILDINE, A.B., Northwest Missouri State Teachers College, 1930  
 GRACE ELIZABETH DORCAS, A.B., State University of Iowa, 1920, with Honors  
 ANNA FRANCES DUDACK, A.B., Iowa State Teachers College, 1923, with Honors  
 ESTHER IRENE DUGGLEBY, A.B., University of Denver, 1926, with High Honors  
 LOIS CATHERINE EBEBY, A.B., Manchester College, 1930  
 GERTRUDE ELIZABETH BECKER EDWARDS, B.S., Southwest Missouri State Teachers College, 1918  
 DOROTHY LUCILE EHLERS, A.B., Western College for Women, 1929  
 CLOVER MARION FLANDERS, Ph.B., University of Chicago, 1929  
 FLORENCE OLIVE GARRISON, A.B., Indiana University, 1920, with Honors  
 MARY ELIZABETH GARST, A.B., Mississippi State College for Women, 1930  
 MARGARET LYDIA GIBBS, A.B., Ripon College, 1920  
 GLADYS LILLIAN GILL, A.B., University of California at Los Angeles, 1930  
 THERESA WITHERSTINE GILLET, A.B., Rockford College, 1926, with High Honors  
 DOROTHY GRAY, A.B., University of Tennessee, 1929, with Honors  
 HARRY LOYAL GRISWOLD, JR., A.B., Illinois College, 1930  
 FLORENCE ANNA MAY GROVE, A.B., St. Olaf College, 1927  
 MARTHA MARIE GUENTHER, A.B., State University of Iowa, 1923, with Honors  
 MARGARET AGNES HAGER, A.B., Indiana State Normal School (Terre Haute), 1927  
 EMMA VIOLET HAMILTON, A.B., Eureka College, 1930  
 HARRIET REBECCA HARPER, B.S., Centenary College of Louisiana, 1930  
 ELLA KATHERINE HARRELL, A.B., Fisk University, 1929  
 MAXINE LILLIAN HEGLAND, A.B., University of North Dakota, 1930  
 HELEN FRANCES HELMICK, A.B., James Millikin University, 1930  
 EVELYN MILDRED HENSEL, B.S., Ohio State University, 1928, with Honors  
 MARGARET ROY HEPBURN, B.S., Purdue University, 1928  
 ELEANOR MARIAN HEUVER, A.B., Rockford College, 1923; A.M., University of Wisconsin, 1928  
 ALF HOUKOM, A.B., St. Olaf College, 1921  
 SIBYL GRETCHEN HOWELL, A.B., West Texas State Teachers College, 1927  
 JOSEPHINE HYLAND INGE, A.B., University of Mississippi, 1930  
 RUTH DORCAS JACKSON, A.B., Knox College, 1927  
 MARY HELEN JAMES, A.B., Western College for Women, 1929, with High Honors  
 IVA RUTH JONES, A.B., Southwestern Louisiana Institute, 1930  
 GLADYS EVELYN JUDY, A.B., Southwestern College, 1930, with Honors

- MARY ALICE JUSTICE, A.B., College of Wooster, 1929  
 ELMA ESTHER KELLY, A.B., Franklin College of Indiana, 1927  
 FRANCES MAUD KENNEDY, A.B., University of Oklahoma, 1928, with High Honors  
 ELEANOR RACHAEL KYLE, A.B., Monmouth College, 1922  
 PAULINE DALE McCANDLESS, A.B., Drury College, 1926, with High Honors  
 RUTH NOBLE McCLELLAND, A.B., College of Wooster, 1928, with High Honors  
 MARY ELLA McCONNELL, A.B., Colorado College, 1930  
 BEULAH RUTH McCOY, A.B., Wittenberg College, 1928, with Honors  
 MARIE LOUISE McKEE, A.B., University of Nebraska, 1915, with Honors  
 MARION ANNA MAGEE, A.B., Drury College, 1930  
 DORIS GERTRUDE MARSH, A.B., University of Redlands, 1928, with Honors  
 DOROTHY VIRGINIA MARTIN, A.B., Ohio State University, 1929  
 DELLA MABEL MATHYS, A.B., Lawrence College, 1918, with Honors  
 ANNE MAXVILLE, A.B., Colorado State Teachers College, 1928  
 MARTHA ELIZABETH MITCHELL, A.B., University of Missouri, 1930  
 DOUGLAS ALEXANDER MOFFIT, B.S., State University of Iowa, 1926  
 ANNIE SUE MONTGOMERY, A.B., Georgetown College, 1927  
 MARGARET ANN MORRIS, A.B., DePauw University, 1929  
 JENNIE EUPHEMIA NESBITT, A.B., College of Wooster, 1930, with High Honors  
 ETHEL TODD NORLIN, A.B., 1915  
 MARTHA LORENE ORR, A.B., Indiana State Normal School (Eastern Division),  
 1929  
 ESTHER AILLEEN PARK, B.S., Southwest Missouri State Teachers College, 1926,  
 with Honors  
 SARAH ELIZABETH PARK, B.S., College of Wooster, 1930, with High Honors  
 FLORA GLYDE PEAVY, B.S., North Texas State Teachers College, 1930, with  
 Honors  
 EVELYN MAUDE PERKINS, A.B., Bradley Polytechnic Institute, 1929  
 MERLE MAE PETERSON, B.S., Northwestern University, 1926  
 ESTHER MARION PHARES, B.S., Purdue University, 1929  
 MARION PHILLIPS, A.B., Fargo College, 1916, with Honors  
 FLORENCE REEVA PICKETT, A.B., Colorado College, 1930  
 EDNA RACHEL RALSTON, A.B., College of the Ozarks, 1928  
 MABEL EVA RAWLINGS, A.B., Ripon College, 1906  
 BERNICE RUTH REA, A.B., Marietta College, 1928  
 DARE VINCENT REDMOND, A.B., Lincoln Memorial University, 1929  
 SALLY ANN ROBARDS, A.B., DePauw University, 1930  
 EVELYN MARSH ROBERTS, A.B., Ohio Wesleyan University, 1924  
 MARY ELIZABETH ROWELL, A.B., Pennsylvania State College, 1930  
 VIRGINIA ELINOR RUSSELL, B.Ed., Western Illinois State Teachers College, 1927  
 MARGARET ELLEN RUTLEDGE, A.B., University of Nebraska, 1930  
 GLADYS ELVIRA SANDIFUR, A.B., University of California at Los Angeles, 1929  
 RUTH MAST SIFFERD, A.B., Wittenberg College, 1929, with Honors  
 MARY LILLIAN SKEELE, A.B., Ohio State University, 1927  
 ADDIE ESTHER SMITH, B.S., Oklahoma Agricultural and Mechanical College, 1928  
 LEELA BERNICE SMITH, A.B., Indiana State Normal School (Eastern Division),  
 1928  
 MARJORIE SPEAR, A.B., University of Washington, 1930  
 DOROTHY VIRGINIA SPENCE, B.S., George Peabody College for Teachers, 1921  
 MARGARET HELEN SPOON, A.B., University of Wisconsin, 1927, with Honors  
 EVELYN RASMUSSEN STARKEY, A.A., Blackburn College, 1928; A.B., 1930  
 JAMES A STILL, A.B., Lincoln Memorial University, 1929; A.M., Vanderbilt Uni-  
 versity, 1930  
 ALLEN RUSSELL STOWELL, A.B., Knox College, 1926; D.B., Chicago Theological  
 Seminary, 1929  
 LORETTA WHEELER SWIFT, A.B., Dakota Wesleyan University, 1927  
 JEAN ELEANOR TAYLOR, A.B., University of Kansas, 1929  
 VIRGINIA ELINOR TILLIA, A.B., Birmingham-Southern College, 1930  
 SUSAN TOWNSEND, B.S., 1930  
 MARGARET KATHERINE WAGNER, A.B., Indiana University, 1930  
 FRANCES ELIZABETH WALLACE, B.S., Southwest Missouri State Teachers College,  
 1928

HAZEL GLENNE WHITELEATHER, A.B., University of Washington, 1928  
 RUBY CATHERINE WILDER, B.S., A.M., University of Nebraska, 1925, 1927  
 CATHERINE OPAL WILLIAMS, A.B., College of Industrial Arts, 1925  
 IONE WILLIAMS, A.B., Hendrix College, 1925, with Honors  
 WALTER BOWIE WILLIAMS, A.B., Williams College, 1928  
 LUCILLE GERTRUDE YUNKER, A.B., Bradley Polytechnic Institute, 1928

### COLLEGE OF EDUCATION

#### Degree of Bachelor of Science

##### In Education

PHIL ELLSWORTH ACKER	SYLVIA NEVADA DAMON
PRISCILLA MAE ADAMS	GLENN LACROIX DARE, with
BASIL AMBLER	Honors in Civics
KENNETH PAUL ANDERSON	LIZZIE ALMIRA DAVIS
CARROLL WADE ARFORD	DOROTHY FRANCES DEACH
BEATA MARIE ARMSTRONG	NELLA CORYELL DEATLEY
STANFORD LOUIS ARTS	JAMES ERNEST DENTE
JOHN ELLSWORTH ASP	MARJORIE ADELAIDE DIEZ
RUTH BACHRACH	MARVIN EARL DILLMAN
ELEANORE LAVELLE BALLWEG	ELEANOR FAY DOLLINS
JOHN ALLEN BAUER	IRMA IRENE DOOLEN
RUTH AMBYR BELL	JAMES SAMUEL DRAKE
MARY LEONE BENNETT	HAZEL ESTELLE DREW
ELOISE HELENE BERBAUM	EARL JACKSON DUNCAN
BARBARA CHENEY BERGEN	ORIN VICTOR DUNCAN
CHARLES LEANDER BINNA	RUTH VIOLA EADIE
JESSIE LOGAN BLACK	MARY CAROLINE EMICH
CLARISSA ELIZABETH BOGART	ESTHER LORENA EWALD
M IRENE BOPP	WILLIAMINA FARNHAM
MARY PAULINE BOWMAN	MARY FRANCES FEE
HARRIETT BRADY	JEAN MARQUETTE FELDMAN
GEORGE JOSEPH BRINCK	ROSE FISHER
MARJORIE GRACE BRITAIN	FRANCES GRACE FLANDERS
JOHN EUGENE BRODMAN	MAX HAROLD FLOWERS
BESS WHITCOMB BROWN	MARJORIE GERTRUDE FOSTER
MARGARET KING BURNS	JANET FRADIN
CATHERINE M BUSCH	RUTH MERRIAM FRANCIS
LOUIS BÜTTNER	LOUISE ELLEN FRANKLIN
LEONARD ANDREWS BUZZELL	ERNEST BRADFIELD FREED
DAVID ELI CAIN	MILDRED JOSEPHINE FREY
MAE CARROLL	WILLIAM GEORGE FUZAK
BARBARA HELEN CARSON	ELFRÈDA GALANTIÈRE
GRACE ELEANOR CHAMBERLAIN	DONALD SCOTT GARNER
LUCILE PATRICIA CHAMBERS	LONI GEISSLER
IRENE ADRIAN CHRISTESEN	DORIS ESTHER GERLICH
GERTRUDE CIVIK	HERMAN LEONARD GOODHEART
WILBER ALEXANDER CLARKE	PERRY ALVIN GORANSON
FREDERICA JANETTE CLASON	FRED HURD GOSS
ALICE DOROTHY CLASSEN	BESSIE MAE GRAMLEY
JOSEPH EDWARD CLETTENBERG	VIRGINIA GRAY
FRANCES LETELLE CODY	MARGARET ALICE GRIFFIN
THORA PEARL COLE	MARION SCOTT GRIFFITH
GEORGE SIDNEY CONRAD	MARIE JOSEPHINE HANSS
ROBERT KENTON CONRAD	ELEANOR HAFER HARTLEY, with
DEEP COREY	Honors in English
GEORGE GURNEY COX	ARNOLD WALTER HAUTALA
MARGARET SYLVIA COX	MILDRED EVELYN HEITMAN
JANET ANDREWS CROMWELL	MARGUERITE LUCILLE HENRICH
FRANCES CASS CROUSE	ALBERT J HERMAN
JEAN BELL CURRIE	EDWARD AUGUST HETTICH

- MARGARET ROSE HETZNER  
 HERBERT RUSSELL HILL  
 CHARLES WALTER HINMAN  
 ERNESTINE OLGA HOHENGARTEN  
 MARCELLA MARY HOLSTON  
 DOROTHY MARGUERITE HOLTON  
 THIELEN B HUDDLESTON  
 GLEN HUMMER  
 PAULINE MARTHA HURD  
 ETHEL DOROTHY ILLK  
 GARNET LUCILE JEFFREY, with  
     Honors in Education  
 VERNON SKIPPER JOHNSON  
 LAURA KATHRYNE JOHNSTON  
 MARY KATHRYN JOHNSTON  
 HARRIET DRUMMOND JONES  
 HELEN MARGARET KAMPHOEFNER  
 ISABEL MARTHA KATZ  
 HELEN ELIZABETH KAUTZ  
 EMILY MARGEURITE KAUZLARICH  
 JOSEPH ARTHUR KIES, with  
     Honors in Chemistry  
 JAY FRED KNIGHT  
 ELOISE FRANCES KOHLHAGEN  
 ADOLPH ANTON KOSICK  
 ANTON JAMES KRESL  
 FRED EUGENE LAUDER  
 LLOYD WILLIAM LAW  
 ELIZABETH LEDERER  
 ISAAC WAYNE LEIGHTY  
 RUTH KATHRYN LEWIS  
 RUTH HELENE LUEDER  
 VIRGINIA ELIZABETH ABIGAIL LUNDQUIST  
 WILLIAM LURIE  
 FERN LYCAN  
 DOROTHY ELIZABETH LYNCH, with  
     Honors in French  
 CARL MURRAY MCCAIN  
 MARJORIE MCGINNIS  
 MARY PAULISSA MCGRAW  
 FLORENCE BUTLER MCHATTON  
 BEATRICE MCINTOSH  
 MILDRED MAY MCKEE  
 LLOYD KESLING MCNEAL  
 JENNIE LOIS MCNIEL  
 PAUL LESLIE MCQUEEN  
 LOUIS MAGIERSKI  
 JOSEPHINE HELEN MAGNER  
 MARGARET GLAUDINE MANKEY  
 VICTOR CLYDE MANLEY  
 WILLIAM ADRIAN MARSHALL  
 LULA FERN MARTIN  
 VIVIAN LENORE MARTIN  
 DOROTHY MARGARET MELVIN  
 EARL JUSTIN MILLER  
 JANE BOYD MINER  
 WENZELA PFEYER MONACK  
 VERA JEANETTE MONROE  
 MARY GRACE MOONEY  
 MINNIE GWENDOLYN MORGAN  
 ELLEN ESTHER MORTON  
 KENNETH LOWELL MOUNCE  
 FRANK MUBI, JR.  
 DOROTHY BERNICE MUIRHEAD  
 MARY ELIZABETH NALBACH  
 EVELYN MARJORIE NEWMAN  
 VERNA ALICE NIEBERGALL  
 MARGARET MELVINA NONNEMAN  
 DONALD JOHN O'DONNELL  
 GEORGE ONEAL  
 JANET MARIE OVERTURF  
 ELIZABETH SARAH PAINE  
 HULDAH PALMER  
 MARGERY WILSON PATTERSON  
 LUCELLA PAUL  
 VIOLA MARY PAUL  
 HAROLD DENTON PEOPLES  
 LEWIS WILLIAM PHELPS  
 MIRIAM ELIZABETH PHILLIPS  
 ELIZABETH MAE PIERCE  
 GWENDOLYN PIKE  
 RICHARD FRANK PODLESAK  
 EDNA LOUISE POLK  
 ELLEN GREENUP PRICE  
 RAYMOND WOOD PUMPHREY  
 WILLIAM C PUNKE  
 EDWARD PURCELL  
 JOSEPHINE ELLEN PURCELL  
 MURIEL ELIZABETH RAGSDALE  
 NELLIE MARJORIE RANDALL  
 ALICE THERESE REED  
 HELEN HAYES REED  
 GENEVA VERNELL REINEKE  
 RUTH E REYNOLDS  
 ELEANOR L RICHARDSON  
 ALBERT GEORGE RIGGE, JR.  
 ROBERT MASON RING  
 CLIFFORD JOSEPH ROBERT  
 GLENNA ELIZABETH ROBERTS  
 MADELINE JOSEPHINE RONCHETTI  
 DOROTHY ROGERS ROSE  
 HELEN JACQUEMINOT ROSE  
 REGINA S ROTHBAUM  
 CHARLES ANDREW RUPERT  
 MARY MARGARET RUSSELL  
 MARGARET VIRGINIA TODD SABLE  
 EUGENIA LOUISE SALEL  
 DOUGLAS HENRY SALISBURY  
 ANDREW ALEXANDER SANTANEN  
 KATHRYN EDNA SCHAEFFER  
 DOROTHY LOUISE SCHAUER  
 RUTH ARABELLE SCHERMERHORN, with  
     Honors in Spanish  
 MYRA VIRGINIA SCHMALHAUSEN  
 CAROL EMMA SCHMIDT  
 EUNICE MARY SCHMITT, with  
     Honors in French  
 ESTHER LOREE SEIBERT  
 BEULAH SANDERS SHIDLER  
 CALBRETH WYATT SHULL  
 LOUISE ELIZABETH SHUMAN  
 ALVIN HAROLD SIEMERING  
 SARA LOUISE SLAUGHTER  
 LUCILE RUTH SLOCUM

DOROTHY ELEANOR SNYDER, with  
Honors in Latin  
REBECCA SNYDER  
ANDREW REGINALD SOLYOM  
LOUISE ANTOINETTE SONNEMANN  
HELEN ELIZABETH SOWDEN  
ELEANOR MARIE SPAIN  
DOROTHY SOPHIA STANLEY  
EARL EDWARD STANSELL  
KATHRYN FLORENCE STAUDER  
DOROTHY WINIFRED STECHER  
LILYAN BERNICE STEPHENS  
MARGUERITE ELIZABETH STEPHENS  
DOROTHY JEAN STINGLEY  
DEWEY BERNARD STUIT, with  
Honors in Chemistry  
LOUISE KANN STURGEON  
ROSEMARY CLARA SURANOVIC  
DAVID ALBERT SWANSON  
EVELYN LUCILLE SWINGLEY  
DOROTHY ELLEN TAMBLYN  
SARAH ELIZABETH TELFORD  
RICHARD EVANS TENER  
GENEVIEVE LOUISE THIES  
EDWIN JACOB THOMPSON  
LUCILLE WINIFRED TOMISKEY  
JAY RUSSELL TOPPER  
AMY CATHERINE TURNELL  
ANNE ISABEL TURNELL  
DOROTHY E UNDERWOOD  
ESTHER MAY UNDERWOOD

MARIE LOUISE VANETTEN  
FLORENCE ELIZABETH VAN OSDEL  
PAUL EDWARD VAUPEL  
SOLEDAD PADRE VILLANUEVA  
BLANCHE ANN VOSAHLIK  
RUTH EMMA WADDELL, with  
Honors in History  
GRACE ELINORE WALGREN  
VELMA MAGGIE WALKER  
RUTH ELIZABETH WARNCKE  
ELEANOR HAZEL WARREN  
MYRTLE MATILDA WEAVER  
RUTH ELIZABETH WEBER  
WINONA RUTH WEBER  
SARAH WEXLER  
JANE ELIZABETH WHELAN  
ALLENE ALICE WHITMYER  
LAURA WICKHORST  
ALICIA PATRICIA ANN WILBUR  
EDITH ANTOINETTE WILLIAMS  
OLIVE ISABELLE WILLIAMS  
WILMA JESSIE WILLIAMS  
ROBERT JENKINS WILSON  
RUSSELL PERRY WILSON  
ST. JOHN WILLIAM WILTON  
THEODORE CARL WITTE  
JESSIE RUTH WOLF  
STELLA DAY YATES  
ETHEL LUCY YOUNG  
BERT EMANUEL YOUNGQUIST  
SARAH MARGARET ZOLLER

#### In Agricultural Education

JACOB HOWARD CORZINE

ROY WILLIAM OTTO

#### In Home Economics Education

MARY KATHRYN BABCOCK  
FLORA RITTENHOUSE BINNA  
RUTH IRENE CLARK  
MYRTLE WRIGHT FOSTER  
MARY ELEANOR GILMORE  
UNA AGNES GILSTER  
RUTH GRANT  
LOIS MARJORIE HARTMAN  
MARIAN BLAKE LEACH

ELEANOR RUTH LOUDENBECK  
DORIS EVELYN MANN  
ETHEL LOUISE MYERS  
MARIAN RUTHERFORD  
RUTH SIMMA  
KATHLEEN ELIZABETH SMITH  
MARY WEBB  
GRACE WHITTINGTON  
ELINOR WILSON

#### In Industrial Education

WILLIAM ELDON BARINGER, with  
Honors in History  
WILLIAM RICHARD CLEVELAND

FRANK HENRY DAVIS  
ERVIN WINFRED DETJEN  
HAROLD J MILLER

#### In Music Education

MARY ELIZABETH VON ALMEN  
FRANK RAY BLAISDELL  
CECIL FRANK CLOW  
REBECCA ANNE GARNETTE  
ORIOLE HELBRIG  
DANELIA JANSSEN  
FRANCES GERTRUDE LINDLEY  
MARY CATHERINE MEDLEY

LUCILLE HELEN MITCHELL  
HELEN ARLENE RIDINGER  
CHAPPELLE DELPHA ROEDER  
LILLIAN ROSE-MARIE SPACHMAN  
JUDITH RICE WALZ  
GEORGE CLAY WILSON, Jr., with  
Honors in Music  
KATHERINE ELIZABETH ZIMMERSCHIED

## In Physical Education

LAWRENCE JONES ALLEN  
 ROBERT CELAYA  
 WALTER HERMAN EHLERT  
 HENRY WILLIAM HAMAN  
 CHARLES BURDETT HARPER  
 DARREL MAX HATHAWAY  
 RALPH HENSLEY, JR.  
 SAMUEL CLEMENT IRWIN  
 MATTHEW WILLIAM KAZOWSKI

WILBER HENRY MARSHALL  
 LESTER MUIR  
 JOHN WILLIAM OVELMEN  
 ARCHIE GRANVILLE PEASE  
 JAMES EUGENE ROSE  
 JAMES EARL SMITH  
 EDWIN SAMUEL WINSPER  
 PETER JOHN WOLOSON  
 AITKEN F YOUNG

## SCHOOL OF JOURNALISM

## Degree of Bachelor of Science in Journalism

NELSON ALGREN ABRAHAM  
 MILDRED CAROLYN ALLEN  
 LOUISE CATHARINE BABEL  
 ELEANOR LUCILLE BARKMAN, with  
 High Honors

MARY JOAN BUNTING  
 ANN ELIZABETH DECLERCQ  
 BRADFORD ALLAN COX  
 ELIZABETH HELEN DEBENHAM  
 JOSEPH FEIN  
 JAMES WILLARD GREGG  
 CATHERINE MARY HAYNIE  
 JANET RUTH HEGGIE  
 MARY CAROLINE HOWARD  
 DORA BELLE IRELAND  
 WARREN STICKNEY JOHNSON  
 ROBERT GEORGE KLEIN  
 HERBERT LOUIS WILLIAM KRUEGER  
 JOHN ALBERT MCFARLAND, JR.  
 DARREL ARTHUR MCGAVRAN  
 LYLE ELWELL MALLEY  
 ROBERT PETER MILLER

MARY FRANCES MORONY  
 DONALD RICHEY POOR  
 FRANCES RUTH RAY  
 FRANK THOMAS REAGAN  
 PATRICIA VIOLETTE RUSSELL  
 DOROTHY JUNE SCHENCK, with  
 Honors

DOROTHY ANNA LOUISA SCHENKEL  
 ELIZABETH RUTH SCHWARZ  
 VICTOR ADAM SHOLIS, with High  
 Honors

MILDRED MARGARET SHUMAN  
 LILLIAN CHARLOTTE SWANSON  
 WILLIAM DONALD TEARE  
 JOHN ROWLEY VAN SICKLE  
 WILLIAM CHARLES WENNINGER  
 SAMUEL EDSON WILHITE  
 ANNA MARIE WOLFE  
 FREDERICK JEWETT WORDEN, with  
 Honors  
 CHESTER ARTHUR WYNEKEN

Commissions as Lieutenants, Officers' Reserve Corps,  
 United States Army, and as Brevet Captains,  
 Illinois National Guard

ADAM ESSLER ABEL, JR.  
 WENDELL WOODS ADAIR  
 JOHN HENRY ALLEN  
 JAMES ALPHONSE ANDERSON  
 CARROLL WADE ARFORD  
 JOHN ELLSWORTH ASP  
 GEORGE ARTHUR BALDWIN  
 DON C BENNETT  
 ARTHUR MILLER BITZER  
 ALBERT WEBBER BORCHERS  
 DAVID JOSEPH BRUMLEY  
 PAUL RICHARD BRUNS  
 WILFRED PAUL BURGLUND  
 LOUIS BÜTTNER  
 CHARLES FREDERICK COLEMAN  
 JAMES CONTRATTO  
 FRANKLIN SEANEY COOPER  
 BRADFORD ALLEN COX  
 JOHN RAMMAGE CURTIS, JR.  
 JOSEPH FRANK DAMIDOVICH

JOHN BELL DINSMORE  
 JOSEPH FRANCIS DIVER  
 GEORGE ARNTZEN DOOLE  
 WILBUR LESTER DOOLEY  
 JAMES SAMUEL DRAKE  
 LAWRENCE LLOYD EDGREN  
 HILDING VINCENT FOREEN  
 CHARLES WILLIAM GANSZ  
 CHARLES HAROLD GERMAN  
 GEORGE CRAIG GILMORE  
 ROBERT CHARLES HAMMERSMITH  
 HAROLD LORENZ HAWORTH  
 RICHARD WILLIAM HENDERSON  
 OTTO RICHARD HILLS  
 WILLIAM HERMAN HINKEY  
 EDWARD WILLIAM HORNING  
 LAWRENCE LOUIS HUPE  
 RALPH STEVENSON JOHANSEN  
 HERBERT RAYMOND JOHNSTON  
 CHARLES JOSEPH JORGENSEN

OSCAR HERMAN KAMINKY  
 JAMES WILFORD KARRAKER  
 RICHARD BARRY KEELEY  
 BERNARD KELLMAN  
 GILBERT DEFOREST KINZER  
 DON EUGENE KNOBLAUCH  
 GEORGE KRIVISKEY  
 HENRY CARL LANE  
 SEVERIN PETER LANGHOFF, JR.  
 ARTHUR LAWRENCE LOGAN  
 JOHN WILLIAM MCELROY  
 ELBRIDGE HARTFORD MAY  
 MILES JULIUS MELING  
 JACK WESLEY MOHLER  
 JOHN CLEMENT MONAHAN  
 KENNETH LOWELL MOUNCE  
 LESTER MUIR  
 LAWRENCE HENRY MUMM  
 WILFRED NICHOLS NEFF  
 CHARLES ARTHUR NELSON  
 ROY WILLIAM OTTO  
 ARCHIE G PEASE  
 RICHARD ALLEN PERKINS  
 CARL HAROLD PETERSON  
 ARTHUR MILEHAM PHELPS

THOMAS EMMETT PHILBIN  
 EMIL JAMES POUZAR  
 HAROLD CLARENCE POYER  
 HAROLD CHARLES RAY  
 WILLIAM ROBERT REINHOLD  
 JOSEPH ELMER REYNOLDS  
 JOHN WILLIAM ROGIER  
 MITCHELL F SAIKLEY  
 HENRY CHARLES SCHROEDER  
 JAMES SEIGEL SETEN  
 WILLIAM DWIGHT SHANNON  
 LOWELL HOWARD SHIFLEY  
 KENNETH CHRISTIAN SHRADER  
 EMERSON ARTHUR SHULTZ  
 FRED WILLIAM SIEBERT  
 HAL HOPE STOELZLE  
 ALBERT FREDERICK STRAUB  
 LEONARD EVERETT VAN EPPS  
 PAUL EDMOND VAUPEL  
 JOHN FRANK WARREN  
 DAVID EDGAR WIEGAND  
 SAMUEL EDSON WILHITE  
 EDWIN SAMUEL WINSPER  
 FREDERICK JEWETT WORDEN

**Commissions as Brevet Captains,  
 Illinois National Guard**

LEE ALLAN BECKER  
 BERNICE LEE BLATT  
 ORAL CHARLES CRAFT  
 DONALD MCNEAL MARCH

FRANKLIN FREDERICK PREMUDA  
 STEVEN MERCHANT SLATER  
 THOMAS BENTON WADDELL  
 MAC IRVINE WALLINGFORD

**GRADUATE SCHOOL**

**Degree of Master of Arts**

**In Botany**

LEONA BRENNEMAN BAYLY, A.B., Wellesley College, 1928  
 MATHILDA ELIZABETH CATHERINE SCHNEIDER, A.B., 1929

**In Chemistry**

JAMES TUCKER EATON, A.B., Central College, 1928  
 ERNEST BYRON RIEGEL, A.B., Central College, 1928

**In Classics**

PAUL SHANER DUNKIN, A.B., DePauw University, 1929  
 ROBERT MATTHEW EVANS, A.B., Wheaton College, 1930  
 STEPHEN WILLIAM PAINE, A.B., Wheaton College, 1930  
 ORA RUSH, B.Ed., Southern Illinois State Teachers College, 1928  
 WILLIAM MILLARD SEAMAN, A.B., College of Wooster, 1930  
 DONALD EVERETT STROUT, A.B., Bates College, 1930

**In Economics**

CYRUS STANLEY COREY, A.B., Colby College, 1928  
 GERALDINE MAE ELLIOTT, A.B., Rockford College, 1930

**In Education**

EARL ROSCOE HALL, B.Ed., Western Illinois State Teachers College, 1927  
 ALFRED DWIGHT HUSTON, B.S., 1929  
 ARTHUR ROLLA MATHENY, B.S., 1920  
 GRACE MAE NORRIS, A.B., DePauw University, 1911  
 LYDIA DIETRICH RAGSDALE, B.Ed., Southern Illinois State Normal University,  
 1928

TED ROOSEVELT RAGSDALE, B.Ed., Southern Illinois State Normal University,  
1928

OPAL TERRISSA RHODES, A.B., 1919

MELVIN MERRILL WALL, A.B., Eureka College, 1926

In English

FLORENCE ELIZABETH BURGWIN, A.B., Illinois Woman's College, 1930

BERTHA HILL COOLEY, A.B., 1927

RICHARD NICHOLAS FOLEY, A.B., Centre College, 1930

FRANK HENRI KALER, A.B., 1931

CELESTINE MCCARVER, A.B., Eureka College, 1930

GEORGINE BELLE McDONALD, A.B., 1930

DELLA PEARL MARLIN, B.S., Southeast Missouri State Teachers College, 1924

SISTER MARY BEATRICE SCHILLER, O.S.F., A.B., DePaul University, 1929

ELIZABETH JANE TURNELL, A.B., 1928

VIOLET JEANNE WILSON, A.B., Hiram College, 1930

In Geology

EVERETT CHRISTIAN LARSEN, B.S., 1930

HAROLD WILLIAM SCOTT, A.B., 1929

In German

GILBERT CLARENCE KETTELKAMP, A.B., 1928

In History

FRANK HARDEE ALLEN, A.B., DePauw University, 1930

GEORGE ANNE COTTINGHAM, A.B., 1930

GRANVILLE DANIEL DAVIS, A.B., University of Arkansas, 1930

NELLE EVA INGRAM, B.Ed., Southern Illinois State Normal University, 1930

FREDRICK JAMES KIRKMAN, A.B., 1931

JOSEPHINE BAKER McCORMICK, A.B., 1930

JOHN WILLIAM RILEY, A.B., DePauw University, 1925

HARRY JEWELL SARKISS, A.B., Park College, 1917, B.D., McCormick Theological  
Seminary, 1919, M.Th., Dubuque University, 1927

In Library Science

LUCY ANN BARCOCK, A.B., University of Oklahoma, 1926, B.S. (L.S.), 1927

MILDRED DOROTHY KOHLSTEDT, A.B., Northwestern University, 1922

GRACE EVELYN LENFEST, A.B., Nebraska Wesleyan University, 1912

In Mathematics

C RONALD CASSITY, A.B., James Millikin University, 1929

HARRY EDWARD CRULL, A.B., 1930

WILLIAM TED MARTIN, A.B., University of Arkansas, 1930

ELLA MARIE MEYTHALER, A.B., Monmouth College, 1930

HARRIET MARIE RUNGE, A.B., Rosary College, 1928

MARY ANICE SEYBOLD, A.B., Illinois College, 1929

SISTER MARY GERARD GUNNING, Litt.B., DePaul University, 1926

ELSIE WEBB SMITH, A.B., 1922

In Philosophy

CORNELIUS MARINUS DEBOE, A.B., Calvin College, 1930

WILLIAM AUGUST MUELLER, A.B., 1930

In Physics

GERALD DEAN RAHRER, A.B., Wabash College, 1930

In Political Science

ROBERT JENNINGS HARRIS, JR., A.B., Vanderbilt University, 1930

VALENTINE JOBST, A.B., 1926

In Romance Languages

MARY LOUISE BURNIER, B.S., 1926

JEAN EDWIN CRANSTON, A.B., 1928  
 WINIFRED ELLEN JONES, A.B., 1930  
 LOUISE FINLEY LODGE, A.B., 1924  
 MARIO CHANOUSE MASCARINO, A.B., St. Viator College, 1926, A.M., Loyola University, 1930

DICIE ANN MOORE, A.B., 1930  
 MARY FRANCES PAGE, A.B., DePauw University, 1929  
 KATHRYN MARQUISE PENDLETON, Ph.B., St. Mary's College, 1925  
 PETER PRESTA, A.B., Lake Forest College, 1929  
 DOROTHY MARIE RALPH, A.B., Carthage College, 1930  
 JOHN HAMRICK RAMP, A.B., Knox College, 1930  
 VIRGINIA TAGGART SCHOEMAN, A.B., 1929  
 FRANC PAUL GASTON THÉNAUD, Bachelier de l'Enseignement, University of Bordeaux, 1921, Licencie en Droit, University of Lyon, 1929

In Sociology

EARL WESLEY CLARK, A.B., Eureka College, 1928  
 WILLIAM DONALD CLEMMER, A.B., Cornell College, 1928

In Zoology

JOE DENTON COMBS, A.B., Drury College, 1929

**Degree of Master of Science**

In Accountancy

THEODORE RUSSELL LARIMORE, B.S., Indiana University, 1928  
 THEODORA LOWRY MCKEE, B.S., Oklahoma Agricultural and Mechanical College, 1906, 1924

In Agronomy

ROBERT ESTES FORE, B.S., Iowa State College, 1929  
 HERMAN EMERY HENDRICKS, B.S., University of Kentucky, 1926

In Architecture

RUSSELL ORRIN DEETER, B.S., 1931  
 DONALD RAYMOND LAIDIG, B.S., 1930  
 WILLIAM FRANK MCCAUGHEY, A.B., Carnegie Institute of Technology, 1916

In Architectural Engineering

JOSEPH JOHN WEILER, B.S., 1926

In Bacteriology

SUNSHINE E PARK, A.B., 1925  
 ELBERT HOLLIS RUYLE, B.S., Shurtleff College, 1929

In Botany

THEODORE MELROSE SPERRY, B.S., Butler University, 1929

In Business Organization and Operation

LUTHER HANCOCK LYON, B.S., 1926  
 FREDERICK HAYWARD THOMAS, B.S., 1924

In Ceramic Engineering

HORACE WILBUR ALEXANDER, B.S., 1929  
 LANE MITCHELL, B.S., Georgia School of Technology, 1929  
 LAWRENCE RUSSEL SHARDLOW, B.S., Alfred University, 1929

In Chemistry

BENTON ALEXANDER BULL, B.S., Knox College, 1930  
 HSU-YUNG CHAO, B.S., National Tsing Hua University, 1929  
 TAO CHEN, B.S., National Tsing Hua University, 1929  
 HUBERT ANDREW CONNER, B.S., Northeast Missouri State Teachers College, 1929

ALICE ELIZABETH FITCH, B.S., 1930  
 ARNOLD OSBORNE JACKSON, B.S., Presbyterian College, 1930  
 CHARLES MALCOLM LOUCKS, B.S., St. Lawrence University, 1926  
 CLARENCE SIMON MOYER, B.S., Franklin and Marshall College, 1929  
 DOUGLAS GILLISON NICHOLSON, B.S., 1930  
 MELVIN GLENN RANDALL, B.Ed., Southern Illinois State Normal University, 1930  
 NORMAN EDWARD SEARLE, Ph.B., Brown University, 1930  
 EARL COOPER SMITH, B.S., 1930  
 CHARLES ORVILLE WERNER, A.B., University of Montana, 1928

In Civil Engineering

GEORGE HARPER DELL, B.S., C.E., Pennsylvania State College, 1922, 1926  
 WILLIAM HARRISON DOUGLAS, B.S., Carnegie Institute of Technology, 1923  
 ALFRED HEDEFINE, B.S., Rutgers University, 1929  
 WALTER KLETTING, B.S., University of Utah, 1929  
 JAMES PATRICK O'DONNELL, B.S., Cooper Union Institute of Technology, 1930  
 ALI GALIB RIFAAT, B.S., Robert College, 1930  
 FRANK PETER THOMAS, B.S., Carnegie Institute of Technology, 1929  
 KENNETH CLEM TIPPY, B.S., 1927  
 TARLEY TARSON WILEY, B.S., 1930

In Economics

HANSE CHAN, B.S., 1930  
 LEONARD ROYAL KOSEK, B.S., University of Iowa, 1930  
 FRANCES MARGARET WHITEHEAD, B.S., 1928

In Education

MILTON EDWARD KRAFT, B.S., 1930  
 GRACE VAN DYKE MORE, B.Mus., 1922  
 MILTON MARTIN OLANDER, B.S., 1922  
 JOHN KNOX PRICE, B.Ed., Illinois State Normal University, 1925  
 JESSE SHIDLER, B.Ed., Illinois State Normal University, 1926

In Electrical Engineering

STANLEY ROBERT JORDAN, B.S., 1930  
 WILLARD ARTHUR LANING, JR., B.S., Bucknell University, 1927  
 VLADIMIR CASIMIR MIRON, B.S., Armour Institute, 1929

In Farm Organization and Management

GEORGE WILKINSON MOORE, B.S., 1920

In Horticulture

WILLIAM HENRY CHILDS, B.S., 1930  
 GEORGE VIGGO FALKENBERG, A.B., 1922  
 HORACE MEAD NEWELL, B.S., 1924

In Library Science

IRENE MAY DOYLE, A.B., A.M., B.S. (L.S.), 1919, 1924, 1930

In Mathematics

REESE HENRY SKIDMORE, B.S., Ottawa University, 1929

In Mechanical Engineering

EDGAR ELMER AMBROSIUS, B.S., 1928  
 REINHOLD FRIDTJOF LARSON, B.S., 1923  
 RALPH ELTON LEWIS, B.S., State University of Iowa, 1929  
 JOSEPH GIBSON LOWTHER, B.S., University of Texas, 1927  
 JOHN CLIFFORD REED, B.M.E., Ohio State University, 1928  
 DAVID GERALD RYAN, B.S., Purdue University, 1923

In Mining Engineering

FRANCIS CHESTER WOJTANOWICZ, B.S., 1930

## In Physics

CARL NICHOLAS CHALLACOMBE, B.S., 1929  
 GEORGE EDWIN OSCAR PETERSON, B.S., Armour Institute, 1920

## In Railway Engineering

SI-CHIN KAO, B.S., Purdue University, 1929  
 SHIH-NING PAN, B.S., Nanyang University, 1928

## In Theoretical and Applied Mechanics

WILLIAM FISHER CASSIE, B.S., Ph.D., University of St. Andrews, 1925, 1930  
 VERNON PETER JENSEN, B.S., 1929  
 STUART WELLINGTON LYON, B.S., 1924  
 MASAMICHI TOMITA, B.S., Tokyo Imperial University, 1922  
 LEROY TUCKER, A.B., Washburn College, 1912, B.S., 1923, C.E., 1928

## In Zoology

FLORENCE GERTRUDE LEE FIELDS, A.B., University of Wyoming, 1928  
 JUDITH FILLINGHAM, A.B., BUTLER University, 1929  
 THURAL DALE FOSTER, B.S., Shurtleff College, 1924  
 CARLOS CLYDE GOFF, B.S., 1928  
 SAMUEL HANFORD MCFARLANE, B.S., University of Saskatchewan, 1930  
 LYLE FRANKLIN STEWART, A.B., 1929

**Professional Degrees in Engineering**

## Degree of Master of Architecture

ERNEST LAWRENCE STOUFFER, B.S., 1918

## Degree of Civil Engineer

ELWYN LORENZO CLARKE, B.S., 1902  
 WALLACE MONROE LANSFORD, B.S., M.S., 1924, 1929  
 SIDNEY GRISWOLD MARTIN, B.S., 1912

## Degree of Mechanical Engineer

FERDINAND JEHLE, B.S., 1910

## Degree of Engineer of Mines

DAVID RAY MITCHELL, B.S., M.S., Pennsylvania State College, 1924, 1927

## Degree of Engineer Physicist

WALLACE WATERFALL, B.S., 1923

**Degree of Doctor of Philosophy**

## In Agronomy

CLARENCE EDGAR CARTER, B.S., University of Missouri, 1915.  
 ROBERT LAVERN MATLOCK, B.S., M.S., 1924, 1928.

## In Bacteriology

FLORENCE LYDIA EVANS, A.B., University of South Dakota, 1928, A.M., 1929.

## In Botany

ARTHUR LEE SHUCK, A.B., Central College, 1925, A.M., University of Missouri, 1927.

## In Chemistry

HORACE HOPKINS BLISS, A.B., M.S., University of Michigan, 1925, 1926.  
 LOUIS HAMILTON BOCK, B.S., Kansas State Agricultural College, 1928, M.S., 1929.  
 DONALD WALKER DAVIS, A.B., Lawrence College, 1927.  
 GORDON HUGHES, A.B., Oberlin College, 1928, A.M., 1929.  
 EARL HANFORD JOHNSON, A.B., Lawrence College, 1926, A.M., 1928.  
 HARRIS EUGENE PHIPPS, A.B., A.M., Oberlin College, 1926, 1928.

ORIN WAINWRIGHT REES, B.S., Earlham College, 1922, M.S., 1925.  
 LESLIE JAMES ROLL, B.S., Oregon State Agricultural College, 1927, M.S., 1928.  
 ARTHUR CURTIS SHEAD, B.S., M.S., University of Oklahoma, 1919, 1923.  
 WAYNE ANDREW SISSON, B.S., A.M., Roanoke College, 1925, 1928.  
 HOWARD AGNEW SMITH, B.S., M.S., 1928, 1929.  
 JOSEPH GAIL STAMPFLI, A.B., St. Louis University, 1927.  
 JULIUS WHITE, A.B., A.M., University of Denver, 1925, 1926.  
 WALLACE WINDUS, A.B., University of Montana, 1925, A.M., 1928.  
 JOHN CHARLES ZIMMER, B.S., M.S., University of Nebraska, 1927, 1928.

## In Classics

KENTON FRANK VICKERY, A.B., Augustana College, 1925, A.M., 1926.

## In Economics

ARTHUR G ANDERSON, B.S., Iowa State College, 1912, M.S., 1923, C.E., Iowa State College, 1923.  
 BURTON NEUBERT BEHLING, A.B., Lawrence College, 1928, A.M., 1929.  
 HENRY WILLIAM BLALOCK, A.B., Louisiana State University, 1928, A.M., 1929.  
 LOWELL FREDERICK HUELSTER, A.B., Lawrence College, 1926, A.M., 1927.  
 PAUL EVANS JOHNSTON, B.S., M.S., 1917, 1926.  
 ROBERT COOKE ROSS, A.B., Monmouth College, 1914, B.S., M.S., 1923, 1925.  
 LEONARD MARION ZINGLER, A.B., Lawrence College, 1928, A.M., 1929.

## In Education

SARAH HELEN TAYLOR, A.B., Illinois College, 1920, A.M., 1922.  
 FRED HAROLD TURNER, A.B., A.M., 1922, 1926.  
 LEWIS WARD WILLIAMS, Ph.B., Hiram College, 1909, A.M., 1918.

## In English

DONALD CAMERON ALLEN, A.B., 1926, A.M., Washington University, 1927.  
 BYRON HALL GIBSON, A.B., Birmingham-Southern College, 1928, A.M., 1929.  
 SIDNEY ERWIN GLENN, A.B., A.M., 1922, 1923.  
 MARCUS SELDEN GOLDMAN, A.B., Miami University, 1916, A.M., 1917, A.M., Harvard University, 1926.  
 RICHARD ELLIS HASWELL, A.B., A.M., 1926, 1928.  
 EINAR INGVALD HAUGEN, A.B., St. Olaf College, 1928, A.M., 1929.  
 SISTER MARY LOYOLA HAYDE, Ph.B., A.M., University of Chicago, 1915, 1917.

## In Geology

JUDSON ROY GRIFFIN, A.B., A.M., 1925, 1927.  
 EDITH MURIEL POGGI, Academic Diploma in Geography, University of London, 1921, A.M., 1928.  
 HAROLD BOWEN WILLMAN, A.B., A.M., 1926, 1928.

## In History

FRANCES KELLAM HENDRICKS, A.B., A.M., University of Texas, 1922, 1925.  
 AMEDA RUTH KING, A.B., A.M., 1922, 1925.  
 EZRA HENRY PIEPER, A.B., North-Western College, 1925, A.M., 1926.  
 STELLA HELEN SUTHERLAND, A.B., Queen's University, 1920, A.M., University of Chicago, 1921.

## In Horticulture

CLARENCE EDWARD BAKER, B.S., M.S., 1927, 1928.

## In Mathematics

GERALD EVERETT MOORE, B.S., Hedding College, 1922, M.S., 1923.  
 PAUL KIMBRELL SMITH, B.S., A.M., University of South Carolina, 1916, 1917, M.S., University of Chicago, 1925.  
 WALTER GEORGE WARNOCK, A.B., A.M., Mount Allison University, 1926, 1928.

## In Philosophy

OSKAR ALFRED KUBITZ, A.B., James Millikin University, 1924, A.M., 1926.

## In Physics

FRANCIS WEST COOKE, A.B., College of William and Mary, 1915, M.S., North Carolina State College, 1923, M.S., 1925.

CHING HSIEN LI, B.S., Soochow University, 1925, M.S., 1929.

## In Romance Languages

JARVIS BURR BURNER, B.S., A.M., 1924, 1928.

CHARLES MELTON PEGUES, A.B., A.M., University of Texas, 1924.

HILARIO SÁENZ Y SÁENZ, A.B., Indiana University, 1923, A.M., University of Chicago, 1928.

SISTER MARY BERNARDA WELCH, B.V.M., A.B., Mount St. Joseph College, 1913, A.M., 1927.

## In Zoology

JAMES MEADOWS SANDERS, A.B., William Jewell College, 1926, A.M., 1927.

## COLLEGE OF MEDICINE

## Degree of Bachelor of Science

(Conferred June 13, 1931, in Chicago)

CYRIL JACOB ANSLINGER	CHARLES D KANTER
MISHA BALLIN	VICTOR HERBERT KARPASS
LESTER SIDNEY BASKIN	CLETUS TIMOTHY KEARNEY
ARTHUR BERNSTEIN	MAURICE KLOTZ
HAROLD CARROLL BERNSTEIN	DAVID SYDNEY KORANSKY
SAMUEL LEONARD BERNSTEIN	JULIUS MAURICE KREVITT
CHARLES ELMER BRANCH	JACK KRUGLICK
DONALD DINSMORE BURROUGHS	JACOB LEVY
HAROLD JESSE CAWTHORNE	LOREN LENNETH LOVE
BERNARD VICTOR CHERN	JULIUS LUSTIG
WILLIAM ARNOLD CHRISTIAN, JR.	SAMUEL MANELIS
JACOB COHEN	ISADORE MEYERS
MELVIN RUSSELL COHEN	HOWARD RUSSELL MILLER
ROBERT BRUCE COLLINS	IRVING MISHKIN
JAMES OLIVER CONKLIN	JOSEPH ALOYSIUS PATKA
CLARENCE STEPHEN COSTIGAN	REINO HENDRICK PUUMALA
ALBERT DONALD COYNE	DAVID BENJAMIN RADNER
HENRY NOAH CRESS	SOL ROME
LUCIUS MATLOCK DILLMAN	GABRIEL ROSE
DELMAR EICHLER DOMKE	MICHAEL HERSHEL SHUGER
MAX M DUNN	NORMAN SILVERSTEIN
MILTON ARNOLD DUSHKIN	WILLIAM ROBERT SLADEK
MAURICE IRWIN EDELMAN	MAURICE STAMLER
CLAUDE IRVING ELLIS	EDWARD JOSEPH STEINER
HARLAN ENGLISH	FRANK EDWARD URBANEK
LEON MARIUS ERENBERG	HARRY FLEMING VAIL
FRANK JOSEPH FARA, JR.	MAXWELL NATHAN WACKER
EMANUEL FEINHANDLER	IRWIN JEROME WALDMAN
ANTHONY FRANCONA	MARION MARGARET WALLACE
ABRAHAM MITCHELL GOTTLIEB	ARTHUR RUDOLPH WEIHE
JACOB D GOTTLIEB	WILLIAM WEISDORF
BERNARD LOUIS GREENSTEIN	JACK WORTHINGTON WELTY
NATHAN RICHARD GUSINOW	ERNEST WILLIAM WERBEL
CARL JULIUS GUSTAFSON	RICHARD ELROY WESTLAND
ROBERT HENNER	ERNEST BERNARD WILLIAMS
ROBERT GRANTHAM HICKERSON	JAMES ALFRED WINSBERG
WILLIAM WALLACE HOLLEMAN	ALBYN GARRETT WOLFE
NATHAN G INGBER	JOSEPH ALFONSO ZALER
WILLIAM FRANCIS JACOBS	LAZAR ELI ZIMMERMAN
ERIC GUNNAR JOHNSON	ALLAN JOSEPH ZIMRING
STEPHEN PATRICK JOHNSON	NATHAN ZOLT

## Certificate in Medicine

- HENRY AKINA, B.S.  
STEPHEN HEDGES AMBROSE, B.S.  
LEON JUDAH ARIES, B.S., with Honors  
WALTER HILMAR BAER, B.S.  
RANSOM BRIGHT BAKER, A.B.  
ANDREW F BARNETT  
HERBERT JOSEPH BELL, B.S.  
BARBARA FLORENCE BENDA, B.S.  
SOLOMON J BENENSOHN, B.S.  
LOUIS BERGER, B.S.  
CHARLES ROBERT BLOOM, B.S.  
HELEN CLARA BREZINA, B.S.  
WALTER SCOTT BROWN, A.B.  
HARRY BURSTEIN, B.S.  
THEODORE MOFFETT CAROW, B.S.  
CLIFFORD LEWIS CARTER  
ALVIN JAY CERNY, B.S.  
HENRY I CHAPMAN, B.S.  
DAVID WANLESS CLOTFELTER, B.S.  
BERNARD M COHEN, B.S.  
DAVID COHEN, B.S.  
GEORGE LESTER COUNTRYMAN, B.S.  
ELWOOD HUNTER COX, B.S.  
JAMES WESLEY DAVIS, B.S.  
LANDIS YOUNG DAVIS, B.S.  
EDWARD JACK DENENHOLZ, B.S.,  
with Honors  
EDWIN FREDERICK DIETRICH, B.S.  
MILTON JUDSON DONKE, A.B.  
HENRY PICKETT DORMAN, B.S., M.S.,  
Ph.D.  
JACOB J EDINBURG, B.S.  
DAVID VERNON EFFRON, B.S.  
JOHN B ERICH, B.S.  
EDWARD GRAHAM EVANS, B.S.  
CLIFTON FELTS, B.S.  
GLEN FRANCIS FISHEL, B.S.  
WILLIAM FOX, B.S.  
ANDREW GALLOWAY, B.S.  
JOHN COURIER GARLAND, B.S.  
WILLIAM JAMES GILLESBY, B.S.  
ROBERT JOSEPH GLENNER, B.S.  
HARRY ROBERT CHARLES GROUPE, B.S.  
LARS FREMAN GULBRANDSEN  
ROBERT WESLEY HALLENBERG, B.S.  
STEPHEN JOHN HANSEN, B.S.  
THEODORE HARTLEY, B.S.  
ALFRED HELMAR HERMAN, B.S.  
ERNEST JOSEPH HOFER, B.S.  
BERNARD HORWITZ, B.S.  
THEODORE R HUDSON, A.B., B.S.  
MARC JACOB HUGHES  
SAMUEL HYMAN, B.S.  
HOWARD MATTHEW JACOBS, B.S.  
RICHARD PAUL JOHNSON, B.S.,  
with Honors  
KENNETH P JOHNSTON, B.S.  
HYMAN JOSEPH KAPLAN, A.B., B.S.  
MORRIS AARON KAPLAN, B.S.  
PHILIP KAPLAN, B.S.  
CHARLES HERMAN KAUFMAN, B.S.  
IRVING KAUFMAN, B.S., with Honors  
ROY LESLIE KENWARD, B.S.  
REUBEN KLEIN, A.B., B.S.  
FREDERICK OTTO KUEHL, B.S.  
DAVID MILTON KURSCHNER, B.S.  
DAVID JAMES KWEDER, B.S.  
WILBUR MAYO LARSON, B.S.  
FRANK ALEXANDER LATHAM, B.S.  
DAVID LERNER, B.S.  
EUGENE GEORGE LIPOW, Ph.G., B.S.  
SAMUEL ALVIN LOSEFF, B.S.  
JAMES FRANCIS MERRITT, B.S.  
EMIL OTTO MUHS, B.S.  
ARTHUR CHRISTIAN NEESEMAN, B.S.  
ROBERT HENRY NEWELL, B.S.  
WILLIAM A NYE, B.S.  
HAROLD FOREST OAKES, B.S.  
ROGER RALPH OLSEN, B.S.  
ERNEST DEWITT RICHARD PONZER, B.S.  
SYDNEY PRICE, B.S.  
FRANK L QUILLMAN  
GUNNAR QUISLING, B.S.  
RALPH QUISLING, B.S.  
ALEX BENJAMIN RAGINS, B.S.  
SAMUEL REZNICK, B.S.  
LESTER RISKIND, B.S.  
ARNOLD ELMER FREDERICK RITT, B.S.  
HAROLD XAVIAN RUBIN, B.S.  
DORAN THERMAN RUE, A.B., B.S.  
MEYER IRVING SABERMAN, B.S.  
IVAN M SANDBERG, B.S.  
PAUL DOMINIC SANFILIPPO, B.S.  
MILTON CHARLES SCHELL  
JOHN ANDREW SCHINDLER, B.S.  
KARL WILLIAM SCHLEGEL, B.S.  
KENNETH H SCHNEPP, A.B., B.S.  
EDGAR ALBERT SCHOENECKER, B.S.  
WILLIAM JACK SCHUTZ, B.S.  
LOUIS BERNARD SHAPIRO, B.S.  
MAURICE MACEO SHAW, A.B., B.S.  
EUGENE HENRY SILVERSTONE, B.S.,  
Ph.C.  
JOSEPH SIMONS, B.S.  
CHARLOTTE H SINGER, B.S., M.S.  
FRANCIS KIRK SMITH, B.S.  
RUSSELL LEE SMITH, B.S.  
CONRAD SAMUEL SOMMER, B.S.  
MAURICE JOSEPH SPIEGEL, B.S.  
EVERETT LEE STROHL, A.B., B.S.  
PAUL EDGAR SWANSON, B.S.  
EMANUEL TAFT, B.S.  
MARION MEREDITH TAYLOR, B.E., B.S.  
LOUIS ARLINGTON TERMAN, B.S.  
LEO LEONARD THELEN  
OTTO ERNEST VANDERAUE, B.S.,  
with Honors  
THEODORE JOHN WACHOWSKI, B.S.  
CARL FREMONT WATERS  
DOROTHY HUTCHINSON WELKER, A.B.,  
B.S., with Honors

ARTHUR D WILSON  
JOHN FRANCIS WIXTED, A.B., B.S.

LESTER MELVIN WOODFORD, B.S.  
HOWARD ZEITLIN, B.S.

### COLLEGE OF DENTISTRY

#### Degree of Bachelor of Science

(Conferred June 13, 1931, in Chicago)

ALLAN OSCAR DRAYTON  
HERBERT FRANKS ROSEN

NED JAMES VESPA  
ALBIN HENRY WYBRANIEC

#### Degree of Doctor of Dental Surgery

HARRY H ASHER  
WILLIAM BEZKOSTNY  
HENRY MOORE LESTER BIGELOW  
THADDEUS STEPHEN BRUDZINSKI  
JOSEPH HENRY DAVIS  
SIDNEY QUENTIN DEUTSCH  
HAROLD HOWARD FOSTER  
WALTER HENRY FREDRICKS  
ORLYN DAVID GINGRICH  
CARLYLE FREDERICK GLESSNER  
JULES SAMUEL GOULD  
LOUIS GROSS  
WALTER HOWARD HACKLEY  
RICHARD PHILLIP HOFFMAN  
RUBIN EDWARD KADENS  
RAYMOND GEORGE KINDELSPERGER  
ALBERT LORENZ KNAB  
EDGAR HERMAN ARTHUR KRAMP, B.S.  
LLOYD SHERIDAN MCNABB

FREDERICK MACKH  
HUGH WILLIAM MEAD  
JAMES TODD NEEL  
EDWARD ROMAN POTOCKI  
DAVID PRITKIN  
EARL WILEY RENFROE  
WILLIAM HENRY RICCIO  
ROBERT VICTOR RIEMER  
BERNARD ROBERTS  
RICHARD EVERET SCOTT  
GEORGE MELVIN SNEED  
JACK MAURICE STURMAN  
JOSHUA SANFORD VISSION  
EVERETT GEORGE WALTERS  
HERBERT EDWARD WEIS  
EDWARD DURAND WIGGINS  
PHILIP HARRY WYCKOFF  
FRED SHAFFER ZISSMAN

### SCHOOL OF PHARMACY

#### Degree of Pharmaceutical Chemist

(Conferred June 13, 1931, in Chicago)

OBED WILLIAM ALBRECHT  
JOHN WALLACE ALLEN  
WILLIAM FRANCIS ANDERSON  
STANLEY MAX BAHRIJ  
FLORENCE MARIE BAKER  
HOMER UHL BAKER  
NORMAN HENRY BALLIN  
CLEMENT JOHN BARCHESKI  
CARL BAROVSKY  
GARRY BECKER  
HARRY BERLIN, with Honors  
HARRY SIDNEY BESKIN  
ZENON STANLEY BIDZINSKI  
MARIE HENRIETTA BIEDKA  
PAUL JOHN BIESTEK  
LORENZO GERARD BLANCHETTE  
WILLIAM BLAUNER  
JAMES BRACHTL  
HENRY A BREGENZER  
JEROME VALENTINE BUDNY  
LYLE ALFONSO BURKHART  
CLARENCE WILLIAM BURNS  
MICHAEL DOMINICK CALABRESE  
HYMAN CALISOFF  
JOSEPH H CARTER

ROYAL LINCOLN CARTER  
RICHARD LYNDHURST CASH  
CHARLES B CHIDENSKY  
JACOB CHIDENSKY  
JOHN E CIHOCKI  
JOHN A CINEFRO  
LEWIS BUCKINGHAME CLARK  
J M CLINE  
JOHN EDWARD CRONIN  
WILLIAM LYNN CUNNINGHAM  
WALTER JOSEPH CZAJA  
HUBERT MELVIN DARNELL  
GUSTAF JOHN DEVLIEGER  
GEORGE JAMES DVORAK  
HERBERT THEODORE ENGH  
THOR THEODORE ENGWALL  
SAM EPSTEIN  
CHARLES THEODORE FAWCETT  
LLOYD JOSEPH FAY  
JOSEPH A FILIP  
SIDNEY THEODORE FISHER  
LOUIS GABERMAN  
MATHew ANTHONY GABRIC  
FREDERIKA EMILY GAENSSLEN  
MAX GANDELL

PAUL EDWARD GEIS  
 SISTER ST. CHARLES GIGUERE,  
 with Honors  
 JAMES ANTHONY GIURATO  
 MAURICE GREENBERG  
 WILLIAM GREENBERG  
 BOHUMIL JOSEPH HAJICEK  
 CERVENSEL HANSON  
 OTTO ANDREW HANSON  
 HAROLD ARON HORWITZ  
 ALBERT ISRAELITE  
 EMANUEL JACOBSON  
 ISADORE J JACOBSON  
 WILLIAM OTTO C JAHN  
 ROMAN A JARECKI  
 HAROLD G JOHNSON  
 HAROLD WALTER JOHNSON  
 LEONA AGNES JOHNSON  
 EDWARD F JUNG  
 LEO JOSEPH JUSKEVIC  
 JOSEPH KALOM  
 MILTON JOHN KASPAR  
 SAMUEL HARRY KATZ  
 ALFRED PAUL KEICH  
 PRESTON WOODSON KELLEY  
 ROBERT E KELLY  
 EDWARD THOMAS KOLOWSKI  
 HENRY LOUIS KOSTER  
 GEORGE KOSTLEVY, with Honors  
 MICHAEL KRAMER  
 JOHN KURZEK  
 JOSEPH MITCHELL KWASNICKI  
 CARLO LAROCO  
 LEONARD LEVINSKY  
 CELIA W LEVY  
 WALTER ALFRED LINDWALL  
 LEO ANTHONY LIS  
 EDMUND ANTON LISTECKI  
 WALLACE E LUNDHOLM  
 WILL MCKEE  
 STEPHEN MATTHEWS MADURA  
 HARRY MAGAD  
 CHRISTOPHER MARZANO  
 SAM HERSCHEL MASON  
 C ROBERT MAZUR  
 RALPH MEYERHOFF

SOL MILLER  
 MAX MORGAN  
 JOHN LEWIS NEAL  
 GEORGE ODESS  
 STEPHEN MARION OKON  
 JOSEPH NICHOLAS PANDOLFO  
 ARTHUR JACKSON PENNEY  
 GLENN OTTO PETERSON  
 RAYMOND PETERSON  
 FRANK JOSEPH PLACEK  
 JULIUS ADAM PRESKUS  
 JOSEPH PSZOTA  
 ALLAN REISS  
 MAURICE RIBACK  
 DANIEL JOSEPH RICCIO  
 JULIUS ROSENTHAL  
 ARTHUR JOE ROTHE  
 BENJAMIN ROTSTEIN  
 BEN WILLIAM SAGER  
 JOSEPH CHARLES SASS  
 ALBERT DEWITT SCHELL  
 ARTHUR C SCHWAB  
 MILDRED A SCHWABA  
 ABE R SEGAL  
 CHARLES LEONARD SHANKS  
 JOHN E SURAK  
 ROBERT ANNON THOMPSON  
 VERNON CLAIR TRAUB  
 SOLLY CHARLES TURCK  
 ANTHONY VALENTINO  
 JOSEPH FRANCIS VARCO  
 CLEO WILLIAM VEATCH  
 BEN VOLD  
 CLIFFORD FREDERICK WALLMARK  
 FRANCIS WENDELL WASHINGTON  
 FRED WEISS  
 GEORGE C WRIGHT  
 SEYMOUR WRIGHT  
 VIVIAN JANICE ZDRUBEK  
 LYLE PHILIP ZENTNER  
 MILTON IRVING BALCHOFSKY (Class  
 of 1930)  
 EDITH DIGILIO (Class of 1930)  
 LOUIS GDALMAN (Class of 1930)  
 SOLOMON GERSHON (Class of 1930)

#### Certificate in Pharmacy

ELLEN COHEN  
 SIDNEY HORACE DWORKIN  
 EDWARD J FRIEDMAN

JOSEPH BERNARD KATZ  
 NICHOLAS EDWARD MIRAGLIA  
 JEROME DAVID PAUKER

#### GRADUATE SCHOOL

##### Degree of Master of Arts

(Conferred June 13, 1931, in Chicago)

##### In Juvenile Behavior

MINNA ELIZABETH EMCH, A.B., B.S., M.D., 1924, 1926, 1929

##### In Physiology

ERNEST QUINCHESTER KING, A.B., University of Utah, 1926, M.D., 1931

**Degree of Master of Science**

(Conferred June 13, 1931, in Chicago)

## In Bacteriology

LOUIS J BRODY, M.D., B.S., Loyola University, 1924, 1925  
 HYMAN JOSEPH KAPLAN, A.B., B.S., 1927, 1929  
 IRVING KAUFMAN, B.S., 1929  
 ROBERT GEORGE KESEL, D.D.S., 1926  
 WILLIAM EDWARD MILLER, A.B., Fisk University, 1923, B.S., 1928  
 ALEXANDER JOHN NEDZEL, M.D., Imperial New Russian University, 1913  
 JOSEPH SIMONS, B.S., 1929  
 CONRAD SAMUEL SOMMER, B.S., 1929

## In Obstetrics and Gynecology

SAMUEL KAPLAN, B.S., M.D., 1922, 1925  
 HARRY OLIVER MARYAN, B.S., M.D., 1921, 1922  
 HARRIET ILER SKEMP, B.S., University of Dubuque, 1924, M.D., University of Iowa, 1926

## In Pathology

LEON JUDAH ARIES, B.S., 1929  
 BERNARD M COHEN, B.S., 1929  
 IRVING DREYER, B.S., 1928  
 LUCIEN YOUNG DYRENFORTH, B.S., University of Florida, 1916, M.D., Emory University, 1930  
 MARY SEIVACK, M.D., Novorossisky University, 1920

## In Pharmacology

HERBERT MARTIN EMIG, B.S., Philadelphia College of Pharmacy, 1924

## In Physiological Chemistry

ABE LOUIS AARONSON, B.S., M.D., 1926, 1929  
 MORRIS AARON KAPLAN, B.S., 1929  
 DOROTHY HUTCHINSON WELKER, A.B., B.S., 1927, 1929

## In Surgery

MARION MEREDITH TAYLOR, B.E., Southern Illinois Normal University, 1925, B.S., 1929

**Degree of Doctor of Philosophy**

(Conferred June 13, 1931, in Chicago)

## In Anatomy

RICHARD LOCKWOOD WEBB, A.B., M.S., 1924, 1925.

## In Physiological Chemistry

CLARENCE ALBERT JOHNSON, B.S., M.S., University of Chicago, 1925, 1927.

**RETIREMENT OF PROFESSOR ARTHUR BERESFORD**

(3) At the last meeting of the Board I presented a recommendation that Professor Arthur Beresford of the School of Music be retired beginning September 1, 1931, with an allowance of \$1,095 on account of his health. Under the rules he would not automatically retire at this time, having been in the service of the University only thirteen years. The retiring allowance indicated is based on this service. In view of this fact the Board desired to know if it could legally give him a retiring allowance and accordingly I submitted the question to the Legal Counsel, who advised that assuming the power of the Board to provide and maintain a general retiring allowance scheme, it is not beyond the power of the Board to pass what would amount to an amendatory resolution retiring Professor Beresford with an allowance. I also submitted this information to the Finance Committee, which is considering the general question of retiring allowances, and I now wish to recommend, subject to the concurrence of the Finance Committee, that Professor Beresford be retired with the allowance indicated beginning September 1, 1931.

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

**LEAVE OF ABSENCE FOR PROFESSOR E. B. PAINE**

(4) A request from Professor E. B. Paine of the Department of Electrical Engineering, concurred in by the Dean of the College, for leave of absence on full pay from June 4 to December 1, 1931.

On motion of Mr. Williams, it was voted not to concur in this request, because the rules governing sabbatical leaves of absence do not provide for leaves under the terms proposed.

**APPROPRIATION FOR LEGAL SERVICES**

(5) A recommendation that an appropriation of \$675 be made from the Reserve and Contingent Fund for the following legal services:

- For payment to the United States Court of Customs and Patent Appeals to cover the cost of printing the record in connection with the University's appeal from the decision of the United States Customs Court on the power of the federal government to collect duties on scientific apparatus and equipment imported by the University for educational purposes. . . . . \$175
- To the law firm of Chapman and Cutler of Chicago for legal services in connection with legislation to authorize the issue of tax anticipation warrants by the State of Illinois on account of the deficiency in the University of Illinois Fund. . . . . \$500

and that the Comptroller be authorized to make these payments.

On motion of Dr. Noble, these payments were authorized and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**EXPENSES OF FINANCING APRIL SALARY PAYMENTS**

(6) Due to the deficiency in the University of Illinois Fund in the State Treasury, it was not possible to pay all the April salaries due on April 30 out of State funds. Through an arrangement made by the University Treasurer, the First National Bank of Champaign made an advance of the salaries of a number of members of the faculty making it possible for them to receive their salaries when due instead of waiting one or two weeks as would have been the case otherwise. The Treasurer certifies that the bank should be reimbursed in the amount of \$100 for its expenses in connection with this emergency financing and I recommend that an appropriation of \$100 be made from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to make this payment to the University Treasurer.

On motion of Mr. Williams, this payment was authorized, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**APPROPRIATION FOR DEATH BENEFIT IN THE CASE OF PROFESSOR S. W. PARR**

(7) A report that Dr. S. W. Parr, Professor of Applied Chemistry, *Emeritus*, died on May 17, 1931. He had been on the staff from January 1, 1891, until September 1, 1926, when he retired under the rules of the Board of Trustees. The death benefit payable in his case is \$1,500.

I recommend that this amount be appropriated from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to make payment to Professor Parr's designated beneficiary.

On motion of Mrs. Grigsby, this payment was authorized, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr.

Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emerson, Mrs. Hopkins.

#### INVESTMENT OF TRUST FUNDS

(8) A report from the Comptroller that there is at present the sum of \$4,593.67 in endowment funds uninvested, due largely to the payment of a farm mortgage on May 1, and he recommends the purchase of \$4,000 of Alabama Power Company, first mortgage, five per cent bonds at a price of 104½ or better and \$500 of Central Illinois Public Service Company, five per cent bonds, at an estimated price of 101 or better. To avoid any further delay and consequent loss of interest he requests that action on this be taken by the Board without reference to the Finance Committee since that Committee has previously recommended the purchase of these bonds, which are strictly legal investments of trust funds, on another occasion.

I concur in this recommendation.

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

#### UNUSUALLY HAZARDOUS EMPLOYMENT OF J. W. LLOYD AND H. M. NEWELL

(9) A request from the Dean of the College of Agriculture that J. W. Lloyd and H. M. Newell in the Department of Horticulture be authorized to engage in certain studies of fruit-handling and marketing which will involve riding on freight cars, being about railroad yards, and at times riding inside of refrigerator cars for short distances; and that specific recognition be given to the unusually hazardous character of the work. These studies are conducted throughout the summer and early fall.

I recommend that this work be recognized as unusually hazardous but necessary to the studies carried on by the University and that Messrs. Lloyd and Newell be authorized to engage in it.

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

#### KENDRIC C. BABCOCK TRUST

(10) A report from the Comptroller that pursuant to the action of the Executive Committee on May 21 he has received from Dr. Kendric C. Babcock the following securities representing the Kendric C. Babcock Trust, with an estimated principal of \$50,440, which have been deposited with the Treasurer of the University, who has given receipt for the same:

#### LIST OF SECURITIES PRESENTED TO CONSTITUTE THE KENDRIC C. BABCOCK TRUST

##### Bonds

Chicago & West Towns Railway Company, First Mortgage Gold Bond, 7% of 1932.....	\$1 000 00
Illinois Water Service Company, First Mortgage, 5% of 1952.....	2 000 00
Berlin City Electric Company, Inc., Thirty-year Sinking Fund Deben- ture, 6½% of 1959.....	5 000 00
Illinois Orchard Company, First Mortgage, 7% of 1932.....	2 500 00
Illinois Power & Light Corporation, First Mortgage and Refunding, 6% of 1953.....	2 000 00
Real estate note, Lois A. Boyden; John H. Boyden, 7% of 1931.....	6 440 46
Bloomington, Decatur & Champaign R.R., First & Refunding Mortgage, 5% of 1940.....	6 000 00
Alumni Association of Delta Phi (Tau Chapter), First Mortgage, 6% of 1934.....	5 000 00
Real estate note, Joseph D. Nally, 6% of 1932.....	3 500 00
Real estate note No. 18, Kappa Kappa Gamma (Beta Lambda Chapter), First Mortgage, 6% of 1937.....	1 000 00
The Kansas Power & Light Company, First Mortgage Gold Bond, 5% of 1957.....	5 000 00
La Salle-Wacker Bldg. Corporation, M3057-8, 6% of 1954.....	2 000 00
New England Power Association, Gold Debenture, 5½% of 1954.....	1 000 00
St. Louis, Springfield & Peoria R.R., First and Refunding Mortgage, 5% of 1939.....	4 000 00
Gamma Alumni of Alpha Kappa Lambda, 6% of 1938.....	1 000 00

*Stocks*

60 shares 6% cumulative first preferred stock of American Founders Corporation, dated June 6, 1929, (estimated)..... 3 000 00

*Grand Total*.....\$50 440 46

This report was received for record.

**MODIFICATION OF KENDRIC C. BABCOCK TRUST**

(11) Dean Kendric C. Babcock wishes to supplement the trust instrument accepted by the Executive Committee for the Board of Trustees on May 21, 1931 (Minutes, page 235), with a waiver of his personal rights, until further notice in writing, to payments to be made under the trust instrument unless such payments can be made out of income. This is in order not to diminish the principal of the trust fund in case the income is insufficient to meet the stipulated payments.

This waiver is in the form of a letter to the Comptroller, a signed copy of which is hereby turned over to the Secretary of the Board for filing with the original trust instrument. No action is necessary other than the acceptance by the Board of this modification.

This report was received for record, and the modification of the trust was accepted.

**CURRICULUM IN PAINTING OF THE COLLEGE OF FINE AND APPLIED ARTS**

(12) A recommendation from the University Senate that the following proposed curriculum in painting of the College of Fine and Applied Arts be adopted by the Board of Trustees:

*CURRICULUM IN PAINTING*

FIRST YEAR	
<i>First Semester</i>	<i>Second Semester</i>
A. 1a, Cast & Still Life..... 4	A. 1b, Cast and Modeling..... 3
A. 2a, Composition and Design..... 2	A. 2b, Composition and Design..... 3
A. 3a, Anatomy and Sketch..... 2	A. 3b, Anatomy and Sketch..... 2
Foreign Language..... 4	Foreign Language..... 4
Rhetoric 1..... 3	Rhetoric 2..... 3
Phys. Ed. and Hygiene..... 1	Phys. Ed. and Hygiene..... 1
Military..... 1	Military..... 1
17	17
SECOND YEAR	
A. 5a, Life Drawing..... 3	A. 5b, Life Drawing..... 3
A. 6a, Portrait..... 2	A. 6b, Portrait..... 2
A. 2c, Composition..... 2	A. 2d, Composition..... 2
A. 7a, Still Life..... 2	A. 7b, Still Life..... 2
A. 16a, History of Fine Arts..... 2	A. 16b, History of Fine Arts..... 2
Military..... 1	Military..... 1
Phys. Ed..... ½	Phys. Ed..... ½
Academic Elective <sup>1</sup> ..... 4	Academic Elective..... 4
16½	16½
THIRD YEAR	
A. 5c, Life Drawing..... 3	A. 5d, Life Drawing..... 3
A. 6c, Portrait..... 2	A. 6d, Portrait..... 2
A. 2e, Composition & Illustration..... 2	A. 2f, Composition & Illustration..... 2
A. 9a, Com. Art, 4c, Modeling, or 10a, Land- scape..... 2	A. 8b, Sketch..... 1
A. 8a, Sketch..... 1	A. 9b, Poster, 4d, Modeling, or 10b, Land- scape..... 2
A. 16c, History of Fine Arts..... 2	A. 16d, History of Fine Arts..... 2
Academic Elective..... 3	Academic Elective..... 3
Technical Elective or Academic Elective..... 5	Technical Elective or Academic Elective..... 5
17	17

<sup>1</sup>A minimum of three hours of English or American Literature is required.

## FOURTH YEAR

A. 5e, Life Painting.....	3	A. 5f, Life Painting.....	3
A. 6e, Portrait or Tech. elective.....	3	A. 6f, Portrait or Tech. elective.....	3
A. 2g, Composition (mural) or 10c, Land- scape.....	3	A. 2h, Composition (mural) or 10d, Land- scape.....	3
A. 17, Aesthetics.....	2	A. 18, Technical Elective.....	2
Academic Elective.....	5	Academic Elective.....	5
	<hr/>		<hr/>
	16		16

## SUMMARY

Year	Technical	Non-technical	Total
Freshman.....	16	18	34
Sophomore.....	18	15	33
Junior.....	20-24	14-10	34
Senior.....	20	12	32
	<hr/>	<hr/>	<hr/>
	74-78	59-55	133

On motion of Mrs. Grigsby, this curriculum was approved.

**APPOINTMENT OF ACTING DEAN OF COLLEGE OF  
LIBERAL ARTS AND SCIENCES**

(13) A recommendation that Dean Arthur H. Daniels of the Graduate School be appointed Acting Dean of the College of Liberal Arts and Sciences beginning September 1, 1931, and continuing until a successor to Dean Babcock has been appointed and takes office. Dean Daniels will continue in the Deanship of the Graduate School.

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

**RETIREMENT OF DEAN THOMAS ARKLE CLARK**

(14) Under the rules of the Board, Dean Thomas Arkle Clark will retire from active service at the end of the present academic year. He reached the retiring age last year but, because it was not desirable to make a change in that office at the beginning of a new general administration of the University, he was continued for one year. Provision for Dean Clark's retirement will be made in the budget to be submitted to the Board at a future date, but I desire to call attention in this formal way to his retirement. Dean Clark has asked me to express to the Board his appreciation of the opportunity he has had during the past forty years to serve the University in various capacities.

It is perhaps unnecessary for me to call the attention of your Board to the distinction with which Dean Clark has served the University throughout all these years and that his work has been in many ways outstanding. He was, I believe, the first dean of men in any college or university in the country and his work in that capacity has served as an example to other institutions in developing their various forms of personnel service.

This report was received for record.

**APPOINTMENT OF ACTING DEAN OF MEN**

(15) A recommendation that Mr. Fred H. Turner, Assistant Dean of Men since September 1, 1923, be appointed Acting Dean of Men for one year from September 1, 1931, at a salary of \$4,750.

On motion of Mr. Barrett, this appointment was made.

**APPOINTMENT OF MR. FRANK W. DEWOLF AS PROFESSOR  
OF GEOLOGY AND HEAD OF THE DEPARTMENT**

(16) A recommendation that Mr. Frank W. DeWolf, formerly Chief of the Geological Survey, be appointed Professor of Geology, on indefinite tenure, and Head of the Department of Geology for one year beginning September 1, 1931, at a salary of \$8,000 a year.

On motion of Mr. Trees, this appointment was made.

**MEDICAL AND DENTAL COLLEGE LABORATORIES**

(17) A request that Professor White be allowed to present the following matters connected with the Medical and Dental College Laboratories building.

256 Administration Building (W)

June 15, 1931

*Medical and Dental Laboratories*

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

I am enclosing a statement consisting of four pages, with papers attached, on which are listed items on which I recommend that contracts be awarded or orders placed for furnishings and equipment, or additions to the Medical and Dental College Laboratories contracts, in accordance with prices or estimates shown thereon.

On Sheet 1 is a summary of requisitions which have been drawn on the basis of quotations secured by Mr. H. M. Edwards, Purchasing Agent. I recommend that Mr. Edwards be authorized to place orders in accordance with the attached requisitions.

On Sheet 2 are listed recommendations from Granger & Bollenbacher (in all of which I concur) for the award of three contracts, as follows:

Steel Shelving—Lyon Metal Products, Inc.....	\$1 565 00
Draperies and Rugs—Marshall Field & Co.....	2 734 45
Special Furniture—Erskine-Danforth Co.....	7 110 00

On Sheet 3 I have listed items on which either the Purchasing Agent or Granger & Bollenbacher have secured prices or made estimates, on all of which items I recommend that the Board of Trustees grant general authority to the Purchasing Agent and the architects, Granger & Bollenbacher, to secure definite prices where same have not already been secured, and to award contracts or place orders.

On Sheet 4 I have recommended that a contract be awarded to the Davis Construction Company for Service Connections and Equipment for the Medical Buildings, and that the estimated balance of \$1,504.89 be encumbered for engineering services rendered, or to be rendered by the L. A. Snider Engineering Service, Inc., in connection with this installation. The rate of four percent on the cost of work handled is the arrangement which the L. A. Snider Engineering Service, Inc. has with the State of Illinois on services rendered through the Division of Architecture and Engineering.

Yours very truly,

JAMES M. WHITE

*Supervising Architect*

**MEDICAL AND DENTAL COLLEGE LABORATORIES**

Appropriation.....	\$1 500 000 00	
Total Encumbrances and Disbursements, including Architects' fees, insurance, etc.....	1 400 658 18	
<i>Free Balance</i> , as of June 12, 1931.....	99 341 82	
<i>Purchase Orders</i> , approved June 13, 1931, by Purchasing Agent and Supervising Archi- tect:		
Stack Lighting Fixtures—General Elec. Sup. Corp.....	\$ 288 60	
Mirrors—Tyler & Hippach.....	62 50	
Miscellaneous items, including floor scrubbing machines, truck, flag, etc.....	627 65	
		978 75
<i>Free Balance</i> , as of June 15, 1931.....		98 363 07
<i>Purchase Orders</i> , recommended to Board of Trustees for approval, on bids secured by the Purchasing Agent:		

*Laboratory and Hospital Equipment*

Laboratory Equipment, E. H. Sargent & Co.	\$9	894	32
Hospital Equipment, V. Mueller & Co.		725	18
Hospital Equipment, Sharp and Smith		512	25
Metabolism Equipment, Warren E. Collins, Inc.		450	00
Photographic Equipment, Burke and James		48	70
*Audiometer, Graybar Elec. Co.		723	00
*Optical Equipment, American Optical Co.		245	80
*Analytical Balances, Christian Becker, Inc.	3	203	20
*Mercury Lamp, Hanovia Chemical Co.		345	00
*Rat Cages, Andrew B. Hendryx Co.		129	00
Hospital Beds, Englander Spring Bed Co.		31	00
*Liquid Air Container, Linde Air Products Co.		75	00
Electric Meat Cutter, Vaughan and Company		522	50
Physiological Equipment, Harvard Apparatus Co.	4	830	80
*Physiological Equipment, C. H. Stoelting Co.		2 265	03
			\$24 000 78

*Projection Equipment*

E. Leitz, Inc.	1	146	15
Burton Holmes, Lectures, Inc.		343	75
Bausch & Lomb Optical Co.		175	50
			1 665 40

*Standard Furniture*

Desks and Tables (see Mr. Edward's letter)	2	400	00
Chairs, Newton & Hoyt Co.	1	515	00
Steel Filing Equipment, Metal Office Furniture Co.		843	35
Laboratory Stools, Royal Metal Mfg. Co.		463	25
Wall Cases, W. M. Welch Mfg. Co.		239	25
Steel W'robes & Cabinets, W. B. Read & Co.		168	55
Sectional bookcases, Marshall Jackson Co.		600	00
Bookcases, Remington Rand Bus. Serv.		188	30
Drawing Table, Eugene Dietzgen Co.		23	33
Posture Chairs, DoMore Chair Co.		133	20
*Checkroom Equipment, Vogel Peterson Co.		135	00
*Special Files, Remington Rand Bus. Serv.		111	65
Electric Fans, Westinghouse Elec. S. Co.		85	50
			6 906 38
Dissecting Table Lamps, Hughes-Krabbe Co.		987	00
			\$ 33 559 56
<i>Balance.</i>			\$ 64 803 51

Competitive prices were obtained on all items except those marked (\*) which are non-competitive and obtainable from a single source.

*Contracts* recommended to be awarded by the Board of Trustees on bids secured by Granger & Bollenbacher, the Supervising Architect concurring in their recommendation:

Steel Shelving, Lyon Metal Products, Inc.	\$1 565	00
Draperies and Rugs, Marshall Field & Co.	2 734	45
Special Furniture, Erskine-Danforth Co.	7 110	00
		11 409 45
<i>Balance.</i>		\$53 394 06

Purchase orders, extras on present contracts, and other contracts on which the Purchasing Agent and the Architects request general authority to secure prices or bids:

*By the Purchasing Agent*

Machine Shop Equipment (see letter).....	\$1 700 00	
Water bath for Room 229 (estimated).....	500 00	
		\$2 200 00

*By the Architects*

*Extras on General Contract*

Mastic tile in Class Rooms.....	\$ 830 00	
Book Cases in Dean's Office.....	364 00	
Fence.....	3 000 00	
Moving Departments.....	2 000 00	
		6 194 00

*Extras on Plumbing Contract*

Gas outlet in Room 5.....	20 00	
Gas outlet third floor.....	36 00	
Toilet paper fixtures.....	100 00	
Gas Stove.....	100 00	
		256 00

*Extras on Wiring Contract*

Outlets for directional signs.....	21 17	
Moving outlets in Room 5.....	10 00	
Moving outlets in 110 and 140.....	20 00	
		51 17

Laboratory furniture changes.....	5 000 00	
Library Lighting Fixtures.....	850 00	
Telephone Company charges.....	350 00	
Animal Cages.....	3 756 00	
Feed bins.....	145 00	
Sterilizer for Animal Cages.....	300 00	
		\$19 102 17

Balance for service connections, boiler, etc. \$34 291 89

Contract recommended to the Board of Trustees for award on bids received by L. A. Snider Engineering Service, Inc., at 3:00 p.m. Friday, June 12, for service connections and equipment to medical buildings, as follows:

Davis Construction Company.....	\$32 787 00
Balance.....	\$ 1 504 89

I concur in the above recommendation and recommend further that the balance of \$1,504.89, or so much thereof as may be necessary, be assigned for engineering services on the basis of four percent of the contract cost of the work handled—three percent of which is for preparation of plans and specifications and one percent for supervision of the work \$1,504.89.

On motion of Mrs. Grigsby, the contracts on pages 1 and 2 (\$44,969.01) were authorized.

On motion of Mr. Armstrong, the contract with the Davis Construction Company (page 4) was authorized.

On motion of Mrs. Evans, the item for engineering services (\$1,504.89) was approved.

On motion of Dr. Noble, the items on page 3 (\$19,102.17) were authorized, not to exceed the estimates listed.

**LIGHTING FIXTURES FOR WOMAN'S GYMNASIUM**

(18) The Supervising Architect submits the following schedule of quotations secured on lighting fixtures for the Woman's Gymnasium:

Middle States Electric Co.....	\$ 985 76
Graybar Electric Co.....	1 078 30
McClellan-McDonough Co.....	1 134 64
Hughes-Krabbe Co.....	1 200 50
General Electric Supply Corp.....	1 203 14
Westinghouse Electric Co.....	1 307 09
Walter G. Warren & Co.....	1 470 25

He recommends that the order be placed with the Middle States Electric Company, the lowest bidders. I concur.

On motion of Mrs. Evans, this contract was awarded to the lowest bidders, as recommended.

**ADDITIONS TO CONTRACT FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(19) A report from the Supervising Architect that, at the request of the Dean of the College of Medicine, he has authorized the following additions to contracts for the Medical and Dental Laboratories Building:

Kewaunee Manufacturing Company for additional laboratory furnishings for the Department of Physiology to accommodate more students.....	\$3 397 15
Chester Johnson Electric Company for additional electrical facilities for various departments.....	\$2 457 26

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

**PAYMENT TO GRANGER AND BOLLENBACHER FOR ARCHITECTURAL SERVICES**

(20) A recommendation from the Supervising Architect that Granger and Bollenbacher, architects, be paid \$2,500 for professional services rendered in preparation of preliminary studies for the second group of the Medical and Dental Laboratories Building in accordance with their certificate herewith presented. This payment will be made out of the appropriation for the building.

I concur in this recommendation.

On motion of Dr. Noble, this payment was authorized.

**TIME OF ADJOURNED SESSION**

On motion of Mr. Trees, it was voted that, when the Board adjourns, it do adjourn to meet on Friday, June 26, 1931, at 10 o'clock a.m. (Chicago time) at the Blackstone Hotel, in Chicago.

**GRADUATE SCHOLARS AND FELLOWS**

The Secretary presented for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University.

Classics	PEARL V. MEYER.....	Scholarship	\$300
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**APPOINTMENTS MADE BY THE PRESIDENT**

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

Bisesi, Joseph Louis, Special Research Assistant in Engineering Materials, in the Engineering Experiment Station, beginning June 15, 1931, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (June 9, 1931)<sup>1</sup>

Boyd, Mrs. Ella F., Director of Social Activities in the Woman's Residence Hall, for the Summer Session, for two months beginning June 15, 1931, 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. (May 29, 1931)

Caldwell, C. T., Special Research Assistant in Chemistry, on one-half time, for one year beginning June 15, 1931, at a cash compensation of one thousand dollars (\$1,000). (June 10, 1931)

Gregg, Russell T., to give instruction in Education in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred thirty-three dollars and thirty-three cents (\$133.33) for the session. (May 29, 1931)

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

Hargis, Lloyd L., to give instruction in Education in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 20, 1931)

Huegy, H. W., to give instruction in Business Organization and Operation in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred fifty dollars (\$150) for the session. (May 20, 1931)

Hunter, M. H., to give instruction in Economics in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of four hundred fifty dollars (\$450) for the session. (May 27, 1931)

Locklin, D. P., to give instruction in Economics in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation at the rate of two hundred seventy dollars and eighty-three cents (\$270.83) for the session. (May 27, 1931)

Morgan, Clifford Ellis, Special Research Assistant in Railway Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning when he reports for duty, and continuing until further notice, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (May 16, 1931)

Nagel, Frank E., Assistant in Internal Medicine, in the College of Medicine, beginning May 15, 1931, and continuing until September 1, 1931, without salary. (May 16, 1931)

Peterson, L. V., to give instruction in Education in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 4, 1931)

Wallace, Dorothy E., to give instruction in Physiological Chemistry in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 27, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

#### ADJOURNED SESSION OF JUNE 26, 1931

The Board met at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. (Chicago time) on Friday, June 26, 1931, pursuant to adjournment. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present; also, Professor Lloyd Morey, Comptroller, and Professor J. M. White, Supervising Architect.

#### MATTERS PRESENTED BY PRESIDENT CHASE

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

#### OAKLEAF COLLECTION OF LINCOLNIANA

(1) A request that a hearing be granted to Mr. Oakleaf, concerning his collection of Lincolniana.

This hearing was granted, and Mr. Oakleaf appeared and made a statement. No action was taken.

#### APPOINTMENT OF LEWIS ASHMAN TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) A recommendation from the Committee on Accountancy that Mr. Lewis Ashman of the accounting firm of Ashman, Reedy, and Company of Chicago be appointed as a

member of the Board of Examiners in Accountancy for three years beginning July 1, 1931, to succeed Mr. E. L. Kohler whose term expires at that time. I concur in this recommendation.

On motion of Mr. Trees, this appointment was made.

#### **AWARD OF PLYM SCHOLARSHIP TO HARLOW PANHORST**

(3) A recommendation from the Plym Scholarship Committee, concurred in by the Dean of the College of Engineering, that Mr. Harlow Panhorst be awarded the eighth Plym Foreign Scholarship in Architectural Engineering.

I recommend approval.

On motion of Dr. Noble, this appointment was made.

#### **APPOINTMENTS TO ALLERTON TRAVELING SCHOLARSHIPS**

(4) A report that Messrs. Walter V. Wuellner and Fred William Salogga have been appointed to the two Allerton American Traveling Scholarships for the summer of 1931.

This report was received for record.

#### **LEAVES FOR MEMBERS OF THE STAFF**

(5) A report that leaves of absence without pay have been granted the following members of the staff:

Mary L. Chase, Assistant State Leader and Associate in Home Economics Extension, one month in addition to vacation allowance, for summer study at Cornell.

Thelma Johnson, Clerk in the Department of Geology, one month in addition to vacation allowance, for travel.

This report was received for record.

#### **SICK LEAVES FOR MEMBERS OF THE STAFF**

(6) A report that leaves of absence on account of illness have been granted the following members of the staff:

P. E. Henwood, Associate in the Department of Mechanical Engineering, from April 20 to the end of the academic year, with pay.

Priscilla Howe, Assistant Recorder in the Registrar's Office, for two months from May 1 in addition to her regular vacation allowance with pay.

Florence Cunningham, stenographer in the Business Office, two weeks with pay in addition to the Civil Service sick leave allowance of two weeks to which she is entitled.

This report was received for record.

#### **COOPERATION WITH STATE DEPARTMENT OF AGRICULTURE IN ANIMAL PATHOLOGY DIAGNOSTIC WORK**

(7) A recommendation, contingent on the necessary legislation being in force, that the Director of the Agricultural Experiment Station be authorized to make such arrangements and adjustments in the Laboratory of Animal Pathology as are necessary to utilize the personnel and funds which the State Department of Agriculture will be able to provide during the next biennium for the diagnostic work which the Laboratory heretofore has been doing for the State of Illinois at University expense. There is no acceptance or transfer of funds involved. The Department expects to provide \$10,500 a year for salaries and approximately \$12,000 for the two years for operating expense. The necessary personnel will be appointed by the State Director of Agriculture on recommendations of our Department of Animal Husbandry and will work in the Animal Pathology Laboratory under the immediate direction of Professors Robert Graham, in charge of the Laboratory, and H. P. Rusk, Head of the Department of Animal Husbandry.

On motion of Dr. Noble, this recommendation was adopted.

#### **AGREEMENT WITH PRESIDENT'S EMERGENCY COMMITTEE FOR EMPLOYMENT**

(8) A report that the Director of the Agricultural Extension Service has been authorized to enter into an agreement with the President's Emergency Committee for Employment which provides that the Committee shall make available to the Uni-

versity the sum of \$5,000 for a twelve-month period, in quarterly payments, and that the College of Agriculture, under the direction of the Director of Extension, shall employ, direct, and supervise the work of an extension specialist in home vegetable gardening to promote family food production by the unemployed or partially employed. Since no question of University policy is involved in this proposal, and since immediate action was requested, I authorized the Director to enter into this agreement, a copy of which is hereby submitted to the Secretary of the Board for record.

On motion of Mrs. Evans, this action was approved.

**LABORATORY FEES IN THE URBANA DEPARTMENTS  
FOR 1931-32**

(9) The Comptroller and the Provost submit the following schedule of laboratory and other special fees in the Urbana Departments for 1931-32 which I recommend be adopted:

*LABORATORY FEES FOR 1931-32—URBANA DEPARTMENTS*

Agronomy 14.....	\$ 1 00	Botany 16.....	1 50
Agronomy 18a.....	2 50	Botany 33 (per hour).....	50
Agronomy 18b.....	2 50	Botany 34 (per hour).....	50
Agronomy 18c.....	2 50	Botany 41.....	1 00
Agronomy 18d.....	2 50	Botany 42.....	1 00
Agronomy 18e.....	2 50	Botany 43.....	1 50
Agronomy 18f.....	2 50	Botany 44.....	1 50
Agronomy 18g.....	2 50	Botany 45.....	3 00
Agronomy 18h.....	2 50	Botany 46.....	1 00
Agronomy 18j.....	2 50	Botany 47.....	1 50
Agronomy 18k.....	2 50	Botany 55.....	1 00
Agronomy 25.....	2 00	Botany 56.....	1 00
Agronomy 28.....	3 00	Botany 60.....	1 00
Agronomy 31.....	2 50	Botany 70 (per hour).....	50
Agronomy 33.....	4 00	Botany 77 (per hour).....	50
Agronomy 34.....	2 00	Botany 79.....	1 00
Anatomy (see Human Anatomy)		Botany 80.....	2 00
Animal Husbandry 41.....	1 00	Botany 90.....	1 00
Animal Husbandry 119.....	5 00	Botany 120 (per unit).....	3 00
Athletic Coaching 16.....	2 00	Botany 122 (per unit).....	3 00
Athletic Coaching 20.....	1 00	Botany 130 (per unit).....	3 00
Athletic Coaching 30.....	1 00	Botany 170 (per unit).....	3 00
Athletic Coaching 31.....	1 00	Botany 177 (per unit).....	3 00
Athletic Coaching 40.....	1 00	Botany 180 (per unit).....	2 00
Athletic Coaching 41.....	1 00	Ceramics 4.....	2 00
Athletic Coaching 50.....	3 00	Ceramics 5.....	7 50
Bacteriology 5b.....	8 00	Ceramics 7.....	2 00
Bacteriology 6.....	2 50	Ceramics 14.....	5 00
Bacteriology 8.....	7 00	Ceramics 16.....	5 00
Bacteriology 20.....	7 50	Ceramics 18.....	2 00
Bacteriology 26.....	8 00	Ceramics 102 (per lab. hr.).....	2 50
Bacteriology 106.....	5 00	Chemistry 1.....	8 00
Botany 1.....	2 00	Chemistry 2.....	5 00
Botany 2a.....	1 50	Chemistry 3.....	6 00
Botany 2b.....	1 50	Chemistry 4.....	10 00
Botany 3.....	2 00	Chemistry 5.....	10 00
Botany 5.....	1 00	Chemistry 6.....	10 00
Botany 6.....	1 00	Chemistry 10.....	12 50
Botany 7.....	2 00	Chemistry 16a.....	5 00
Botany 13.....	1 50	Chemistry 24.....	12 50
Botany 15.....	1 00	Chemistry 27.....	15 00
		Chemistry 32.....	10 00
		Chemistry 33.....	15 00
		Chemistry 34a.....	15 00
		Chemistry 37b.....	15 00

Chemistry 38a.....	18 00	Electrical Engineering 2.....	1 50
Chemistry 41.....	7 50	Electrical Engineering 5.....	1 50
Chemistry 43b.....	7 50	Electrical Engineering 51.....	1 50
Chemistry 50a.....	18 00	Electrical Engineering 52.....	1 50
Chemistry 51b.....	12 50	Electrical Engineering 58.....	1 50
Chemistry 60a.....	15 00	Electrical Engineering 61.....	1 50
Chemistry 61a-61b (per sem.)...	10 00	Electrical Engineering 62.....	1 50
Chemistry 74b.....	6 00	Electrical Engineering 75.....	2 50
Chemistry 80a.....	6 25	Electrical Engineering 76.....	2 50
Chemistry 90a-90b (per lab. hr. per semester).....	2 50	Electrical Engineering 85.....	2 50
Chemistry 91b.....	3 00	Electrical Engineering 86.....	2 50
Chemistry 97b.....	12 50	English (see Public Speaking)	
Chemistry 102a-102b (per lab. hr. per semester).....	2 50	Entomology 1.....	1 50
Chemistry 124 (per lab. hr.).....	2 50	Entomology 3.....	1 50
Chemistry 126a (per lab. hr.).....	2 50	Entomology 6.....	1 50
Chemistry 127a-127b (per lab. hr.)	2 50	Entomology 7a.....	2 00
Chemistry 134 (per lab. hr.).....	3 00	Entomology 7b.....	2 00
Chemistry 152b (per lab. hr.).....	2 50	Entomology 8a.....	1 50
Chemistry 186a-186b (per lab. hr. per semester).....	2 50	Entomology 8b.....	1 50
Chemistry 190a-190b (per lab. hr. per semester, maximum \$12.50).....	2 50	Entomology 10a.....	2 00
Civil Engineering 1 (27).....	1 00	Entomology 10b.....	2 00
Civil Engineering 2 (28).....	1 00	Entomology 20.....	4 00
Civil Engineering 3 (30).....	1 50	Entomology 22.....	5 00
Civil Engineering 15 (31).....	1 00	Entomology 31.....	1 50
Civil Engineering 16 (32).....	1 00	Entomology 32a.....	1 50
Civil Engineering 17 (34).....	1 00	Entomology 32b.....	1 50
Civil Engineering 18 (36).....	1 00	Entomology 102.....	1 50
Civil Engineering 19 (37).....	1 00	Entomology 107.....	2 00
Civil Engineering 22 (42).....	1 50	Entomology 108.....	1 50
Civil Engineering 30a (55).....	1 50	Entomology 109.....	1 50
Civil Engineering 31a (58).....	1 50	Entomology 110.....	1 50
Civil Engineering 35 (62).....	1 50	Farm Mechanics 1.....	1 00
Civil Engineering 40a (71).....	1 00	Farm Mechanics 3.....	2 00
Civil Engineering 41a (72).....	1 00	Farm Mechanics 20.....	1 50
Civil Engineering 42a (82).....	1 00	Farm Mechanics 21.....	2 00
Civil Engineering 43 (84).....	1 00	Farm Mechanics 28.....	2 50
Civil Engineering 62a (85).....	1 00	Farm Mechanics 51.....	8 00 <sup>1</sup>
Civil Engineering 64a (87).....	2 00	French 25.....	50
Civil Engineering 65 (88).....	2 50	General Engineering Drawing 1.....	1 50
Civil Engineering 86 (89).....	1 50	General Engineering Drawing 2.....	1 00
Civil Engineering 87a (90).....	1 50	General Engineering Drawing 4.....	1 50
Civil Engineering 88a (95).....	1 25	General Engineering Drawing 6.....	1 50
Civil Engineering 91 (96).....	1 50	General Engineering Drawing 7.....	1 50
Dairy Husbandry 1.....	3 00	General Engineering Drawing 8.....	1 50
Dairy Husbandry 4.....	3 00	Geology 1.....	1 00
Dairy Husbandry 5.....	3 00	Geology 3.....	1 00
Dairy Husbandry 7.....	3 00	Geology 15.....	1 00
Dairy Husbandry 8.....	2 00	Geology 20.....	2 00
Dairy Husbandry 10.....	4 00	Geology 22.....	1 00
Dairy Husbandry 12.....	3 00	Geology 43.....	1 00
Dairy Husbandry 14.....	2 00	Geology 44.....	1 00
Dairy Husbandry 22.....	2 00	Geology 47.....	1 50
Dairy Husbandry 24b.....	2 00	Geology 48.....	2 50
		Geology 49.....	2 50

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

Home Economics 1.....	5 50	Law courses for students of col- leges other than Law (per hr.)	1 00
Home Economics 5.....	4 50	Mechanical Engineering 23.....	1 50
Home Economics 6.....	5 50	Mechanical Engineering 31.....	1 00
Home Economics 7.....	3 00	Mechanical Engineering 61.....	3 00
Home Economics 11.....	1 00	Mechanical Engineering 62.....	1 50
Home Economics 14.....	16 00	Mechanical Engineering 64.....	4 50
Home Economics 33.....	3 50	Mechanical Engineering 65.....	4 50
Home Economics 35.....	5 00	Mechanical Engineering 85.....	4 00
Home Economics 41.....	10 00	Mechanical Engineering 87.....	4 00
Home Economics 43a.....	3 00	Mechanical Engineering 88.....	4 00
Home Economics 43b.....	3 00	Mechanical Engineering 89.....	4 00
Home Economics 44.....	4 00	Mining Engineering 9.....	2 50
Home Economics 50.....	1 00	Mining Engineering 10.....	2 00
Home Economics 51.....	3 00	Mining Engineering 13.....	2 50
Home Economics 55.....	10 00	Mining Engineering 18.....	4 50
Home Economics 102.....	10 00	Mining Engineering 61.....	1 00
Home Economics 104.....	10 00	Mining Engineering 62.....	1 00
Horticulture 1a.....	1 50	Mining Engineering 64.....	4 50
Horticulture 1b.....	50	Mining Engineering 69.....	7 50
Horticulture 2.....	1 00	Music (for each course in applied music numbers 42a to 95b inclu- sive) taken by students not en- rolled in School of Music.....	25 00
Horticulture 3.....	2 00	Physical Education for Women (any course, charge once only per person) (per semester).....	1 50
Horticulture 5.....	2 50	Physics 3a.....	3 00
Horticulture 6a.....	2 00	Physics 3b.....	3 00
Horticulture 6b.....	2 00	Physics 8a.....	3 00
Horticulture 7.....	3 50	Physics 8b.....	3 00
Horticulture 8a.....	2 00	Physics 15.....	1 50
Horticulture 8b.....	2 00	Physics 22a.....	2 00
Horticulture 15a.....	2 00	Physics 22b.....	2 00
Horticulture 15b.....	2 00	Physics 31a.....	3 00
Horticulture 15c.....	2 00	Physics 31b.....	3 00
Horticulture 30.....	2 00	Physics 33.....	2 00
Horticulture 32a.....	2 50	Physics 36.....	2 00
Horticulture 32b.....	2 50	Physics 44a.....	4 50
Horticulture 33.....	2 00	Physics 44b.....	3 00
Horticulture 34.....	2 00	Physics 46a.....	3 00
Horticulture 49.....	2 00	Physics 46b.....	3 00
Horticulture 51.....	3 50	Physics 50.....	3 00
Horticulture 53.....	1 50	Physics 97.....	3 00
Human Anatomy 1.....	5 00	Physics 98.....	3 00
Human Anatomy 2.....	5 00	Physiology 2.....	3 50
Journalism 5.....	2 00	Physiology 4.....	3 50
Journalism 6.....	2 00	Physiology 6.....	3 50
Journalism 9a.....	1 00	Physiology 7.....	3 50
Journalism 13.....	1 00	Physiology 9.....	3 50
Journalism 14.....	1 00	Physiology 102.....	3 50
Landscape Architecture 31.....	2 00	Physiology 103.....	3 50
Landscape Architecture 32.....	2 00	Psychology 3.....	1 00
Landscape Architecture 33.....	2 00	Psychology 4.....	1 00
Landscape Architecture 34.....	2 00		
Landscape Architecture 51.....	50		
Landscape Architecture 52.....	50		
Landscape Architecture 35.....	2 00		
Landscape Architecture 36N.....	2 00		
Landscape Architecture 53.....	2 00		
Landscape Architecture 54.....	2 00		
Landscape Architecture 43.....	2 00		
Landscape Architecture 44.....	2 00		

Public Speaking II.....	5 00	Zoology 4.....	3 25
		Zoology 6.....	4 00
Railway Engineering 62.....	3 00	Zoology 9 (per credit hour).....	1 00
		Zoology 10.....	2 00
Spanish 25.....	50	Zoology 11 (per credit hour).....	1 00
		Zoology 16.....	1 00
T. & A. M. 63.....	2 50	Zoology 17.....	3 25
T. & A. M. 64.....	1 50	Zoology 18.....	2 00
		Zoology 22.....	4 00
Zoology 1.....	3 25	Zoology 23 (per credit hour).....	1 00
Zoology 2.....	4 50	Zoology 31.....	2 00
Zoology 3.....	4 00	Zoology 63.....	4 00
		Zoology 66.....	4 00

On motion of Mr. Trees, these fees were approved.

#### REPORT ON THE CARTER-PENNELL FARMS

(10) The annual report on the operation of the Carter-Pennell Farms for the year ended February 28, 1931.

On motion of Mr. Barrett, this report was referred to the Committee on Agriculture for consideration and report.

#### RETIREMENTS EFFECTIVE SEPTEMBER 1, 1931

(11) A report for record that the following members of the staff will retire on September 1, 1931:

Dean K. C. Babcock of the College of Liberal Arts and Sciences  
 Professor W. S. Bayley of the Department of Geology  
 Assistant Professor Arthur Beresford of the School of Music  
 Assistant Professor Daisy Blaisdell of the Department of German  
 Mr. L. A. Boice, Recorder in the Registrar's Office  
 Mr. A. J. Booker, Laborer in the Physical Plant Division  
 Mr. W. H. Browne, Secretary of the College of Medicine  
 Dean Thomas Arkle Clark, Dean of Men  
 Assistant Professor Martha Kyle of the Department of English  
 Professor G. A. Miller of the Department of Mathematics  
 Associate Professor Frances Simpson of the Library School

Provisions for their retiring allowances have been made in the budgets of the departments or colleges concerned and no further action by the Board is necessary, under the rules.

This report was received for record.

#### UNIVERSITY STATUTES

(12) A draft of the University Statutes as recommended by the University Senate, being sections 1 to 36 inclusive.

These Statutes were amended in certain particulars and, on motion of Mr. Trees, were approved in principle; final adoption was reserved until the final draft shall be presented to the Board at the September meeting.

#### EMPLOYMENT OF D. C. SPRINKLE IN SERVICE

(13) A recommendation from the Dean of the College of Agriculture, concurred in by the Supervising Architect, that Mr. D. C. Sprinkle, night watchman in Floriculture, be continued in service for another year.

I concur in this recommendation.

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

#### CONTINUATION IN SERVICE OF R. E. HIERONYMUS

(14) Dr. R. E. Hieronymus, Community Adviser, has reached the age of sixty-eight and is due to retire on September 1. He is interested in continuing in service either on full time or on part time. As he is in good health and not a member of any

department or unit of the University's organization, and as his work is in a way unique, and inasmuch as he does no teaching, I see no objection to approving his request. I therefore recommend that the President of the University be authorized to arrange with Dr. Hieronymus the details of continuing him in service either on part time or on full time.

On motion of Mrs. Grigsby, the President was authorized to continue Dr. Hieronymus in service for one year.

#### REAPPROPRIATION OF UNEXPENDED BALANCES

(15) A recommendation from the Comptroller, in which I concur, that the following estimated unencumbered balances from the year 1930-31 be reappropriated as of July 1, 1931, to cover the expenses of work and transactions which will not have been completed by June 30, the close of the fiscal year:

#### ESTIMATED BALANCES AS OF JUNE 30, 1931 TO BE REAPPROPRIATED

Administration			
Entrance Examinations.....	\$ 2 000 00		
Publishers Trade List.....	50 00		
Editing and Printing Laws and Regulations.....	1 701 75		
George Washington Bicentennial.....	500 00		
Library Student Reading Room.....	807 71	\$ 5 059 46	
Agriculture			
Industrial Agricultural Research.....	\$14 059 63		
Soil Survey Reports—Printing.....	1 720 87		
Dairy Creamery.....	7 940 86		
Home Economics Cafeteria.....	2 018 21		
Extension Revolving Fund.....	9 023 53	\$34 763 10	
Liberal Arts and Sciences			
Special Equipment for Incubator in Bacteriology.....	\$ 2 500 00		
Special Equipment for Sociology.....	300 00	\$ 2 800 00	
Graduate School—Research—Dr. Thomas.....			
	\$ 91 10	\$ 91 10	
Medicine, Dentistry, and Pharmacy			
Medical Special Equipment—Anatomy Museum.....	\$ 321 50		
Medical Special Equipment—Pathology Museum.....	100 00		
Dental Graduate Orthodontia.....	1 953 63		
Survey of Schools of Pharmacy.....	100 00	\$ 2 475 13	
Other Schools and Colleges			
Bureau of Business Research—Special.....	\$ 480 00		
Military Clothing and Equipment.....	3 798 21		
Military Overcoats.....	6 025 04	\$10 303 25	
Land and Buildings			
President's House.....	\$ 4 685 84		
President's House—Furnishings.....	5 647 05		
Chemistry Building Alterations.....	1 564 83		
Engineering Library Remodeling.....	218 43		
Land:			
Mt. Hope Cemetery.....	\$6 000 00		
Roselawn Cemetery.....	733 72	\$ 6 733 72	\$18 849 87
<i>Total</i> .....			<u>\$74 341 91</u>

On motion of Dr. Noble, these balances were reappropriated, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emerson, Mrs. Hopkins.

**APPOINTMENT OF ACTING PROVOST**

(16) A recommendation that Dean Arthur H. Daniels of the Graduate School be appointed Acting Provost of the University to serve until September 1, 1931.

On motion of Dr. Noble, this appointment was made.

**SALARY OF DEAN ARTHUR H. DANIELS**

(17) A recommendation that Dean Arthur H. Daniels be paid a salary of one thousand dollars a year for his services as Acting Dean of the College of Liberal Arts and Sciences during the year 1931-32.

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

**APPOINTMENT OF DEAN ALBERT J. HARNO AS PROVOST OF THE UNIVERSITY**

(18) A recommendation that Dean Albert J. Harno of the College of Law be appointed Provost of the University for one year beginning September 1, 1931. In view of the added responsibility I recommend that Dean Harno be paid a salary of \$1,000 as Provost in addition to his salary as Dean of the College of Law.

On motion of Mrs. Grigsby, Dean Harno was appointed Provost for one year, as recommended.

On motion of Mr. Barrett, Dean Harno was allowed additional salary of \$1,000 a year as Provost.

**APPROPRIATION FOR THE COLLEGE OF LAW**

(19) A recommendation that an appropriation of \$3,000, or so much thereof as may be necessary, be made to the College of Law for the year 1931-32 for the salary of an instructor.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emerson, Mrs. Hopkins.

**THE UNIVERSITY BUDGET FOR 1931-32**

(20) A recommendation that the budget for the fiscal year beginning July 1, 1931, and the academic year beginning September 1, 1931, which is submitted herewith, be approved, contingent on the approval of the University's appropriations for 1931-33; and that the President of the University be authorized to make such changes and adjustments as may be necessary, 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.

The University Appropriation Bill, as passed by the Legislature, allots to the University a total of \$11,280,000 for the next biennium, of which \$1,400,000 is for the medical and dental building in Chicago. There is thus available for operating expenses for the biennium a total of \$9,880,000, which is an increase of \$350,000 from State funds over that of the last biennium. In addition, fees for State students have been increased from \$25 to \$35 a semester by action of the Board and fees for out-of-State students from \$37.50 to \$62.50.

The increased funds available for operating purposes for next year therefore are as follows:

1. Increase in State appropriation for next year, \$175,000.
2. Estimated increase in student fees and miscellaneous, \$230,000.

This latter figure is computed on a conservative basis. The miscellaneous item includes sales from all sources (except Agriculture) and a shrinkage of \$25,000 is allowed in this miscellaneous item. The item of income from student fees is estimated on a possible slight shrinkage in the number of students paying fees next year. I believe we can safely assume that the figure of \$230,000 will be exceeded in our actual receipts. The available funds for next year, therefore, show an increase of \$405,000 over last year for operating purposes. This we have tried to budget very conservatively in order to allow for all possible sources of uncertainty for next year.

*Salary Increases.* This item is, I think, unusually conservative. Our salary roll for the current year is \$4,315,000. We are proposing to add to this in salary increases only a total of \$120,000 for next year in all branches of the University. This small sum is an investment in the morale and holding power of the University, which cannot be over-emphasized. We are proposing the addition of \$115,000 in new positions. A list of these is presented, but outside the College of Medicine and a very few additions in departments to relieve over-crowded situations, there is no expansion recommended. The majority of these positions are part-time assistants or instructors to relieve over-crowding in existing situations.

*General Expense and Equipment.* The increase in general expense and equipment, other than non-recurring items, is \$89,623. This includes an item of \$35,000 under the head of administrative and general expense to take care of the reorganization of the administrative office in the Chicago Departments resulting from Mr. Browne's retirement; to allow for any possible expansion of the President's Office during the year in terms of added officials; and several small miscellaneous items. A considerable portion of this will probably not be used for the present.

To these total commitments for operation should be added \$54,800 in items of special equipment for the schools and colleges of the University, which will be obligations only on the coming year's income. This gives a total commitment from income of \$379,423, leaving unappropriated balances of approximately \$26,000, to which an item of approximately \$22,000 excess of income over estimates for the current year should be added, making a total unappropriated balance out of next year's funds of \$47,597 which may be used for general budget purposes. In addition to this the University will have a Reserve and Contingent Fund for next year for non-recurring appropriations of about \$200,000, making a total reserve of approximately a quarter of a million dollars based on a very conservative estimate of income for next year. I am proposing to encumber this \$200,000 in lapsed balances at this time by \$24,794, as shown on page 364 of the Budget. The balance of \$175,000 will be available for non-recurring expenditures in accordance with the usual practice throughout the year.

The fund for Physical Plant Extension remains at \$130,000 as was the case last year. The proposed distribution is indicated on page 302.

Considering the fact that \$54,800 for non-recurring items of equipment is charged to income rather than to lapsed balances for next year, the further fact that a conservative estimate has been made which should leave us with at any rate as large an excess of income over estimates as is reported for this current year, and the third fact that the Physical Plant Extension items for the second year of the biennium can be got more from lapsed balances and less from income than is proposed in this year's budget, we should have from one hundred to one hundred and twenty-five thousand dollars available the second year for such expansion as should be undertaken at that time, even though there may be no increase in income from student fees during the second year. I have followed, in other words, the usual practice of the University in thus undertaking during the first year of the biennium somewhat larger increases than during the second year. The entire University organization is accustomed to this policy and it has seemed to me a wise and logical one. I feel, however, that the budget for next year has been made on an entirely safe and conservative basis; that sufficient free working funds will be available to handle particular needs as they arise; and that, as indicated above, the reserve for next year will be sufficient to carry us through the second year of the biennium in good shape.

There are appended hereto certain summary statements of general University income, of the distribution of these increases among the schools and colleges, of proposed salary increases in larger amounts, and of new positions of professorial rank.

There are several specific matters to which I am calling your attention in separate memoranda.

On motion of Mr. Barrett, the budget was approved, and authority was granted to the President, as requested, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emerson, Mrs. Hopkins.

## Explanatory Notes

Departmental appropriations are made under the captions "Salaries" 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.

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 employees temporarily engaged to do the work contemplated by the position. 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 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 "Wages, Office Expense, etc." Expenditures should be made in approximate accord with that distribution, material departure from which should be reported in advance to the Dean or Director or other officer concerned, and to the Comptroller. All unencumbered balances in these appropriations lapse June 30.

ESTIMATED BUDGET INCOME FOR THE  
FISCAL YEAR 1931-1932

	General Income	Restricted Income	Total
<i>Educational and General</i>			
Student Fees			
Gross.....	\$1 163 750 00		\$1 163 750 00
Deduct: Estimated Refunds	38 750 00		38 750 00
Net, Fees.....	1 125 000 00		1 125 000 00
<i>Endowment Income</i>			
Funds from Private Sources		\$ 7 440 00	7 440 00
Interest on Land Grant Fund	32 450 66		32 450 66
Total, Endowment Income (	32 450 66)	( 7 440 00)	( 39 890 66)
<i>Public Appropriations</i>			
<i>Federal</i>			
Morrill-Nelson Acts.....	50 000 00		50 000 00
Hatch-Adams Acts.....	30 000 00		30 000 00
Purnell Act.....		60 000 00	60 000 00
Smith-Hughes Act.....	16 000 00		16 000 00
Smith-Lever Acts.....		220 311 40	220 311 40
Capper-Ketcham Act.....		38 461 01	38 461 01
Additional Cooperative Extension Act.....		31 000 00	31 000 00
Total, Federal..... (	96 000 00)	( 349 772 41)	( 445 772 41)

State			
Operation, Maintenance, and Equipment.....	4 940 000 00		4 940 000 00
Cook County Experiment Station.....		15 000 00	15 000 00
Total, State.....	(4 940 000 00)	( 15 000 00)	(4 955 000 00)
Total, Public Approp- riations.....	(5 036 000 00)	( 364 772 41)	(5 400 772 41)
Gifts and Grants from Private Sources.....		204 310 00	204 310 00
Sales and Services of Educa- tional Departments			
Medicine.....	26 000 00		26 000 00
Dentistry.....	26 000 00		26 000 00
Agriculture.....		235 422 00	235 422 00
All Other.....	23 000 00	13 675 00	36 675 00
Total, Sales and Services	( 75 000 00)	( 249 097 00)	( 324 097 00)
Other Sources			
Interest on Current Funds..	20 000 00		20 000 00
Total, Educational and General.....	(6 288 450 66)	( 825 619 41)	(7 114 070 07)
<i>Auxiliary Enterprises and Activities</i>			
Residence Halls.....		152 000 00	152 000 00
McKinley Hospital.....		40 000 00	40 000 00
Tenant Properties.....		5 000 00	5 000 00
Total, Auxiliary Enter- prises and Activities..		( 197 000 00)	( 197 000 00)
<i>Income to be Used for Other Non-   Educational Purposes</i>			
Scholarships, Fellowships, and Prizes			
Endowment Income.....		4 570 00	4 570 00
Gifts.....		10 750 00	10 750 00
Total, Scholarships, Fel- lowships, and Prizes		( 15 320 00)	( 15 320 00)
Miscellaneous			
Endowment Income.....		7 945 00	7 945 00
Earnings and Fees.....		10 000 00	10 000 00
Total, Miscellaneous.....		( 17 945 00)	( 17 945 00)
Total, Income to be Used for Other Non-Edu- cational Purposes....		( 33 265 00)	( 33 265 00)
<i>Grand Total, Estimated In-   come.....</i>	<i>\$6 288 450 66</i>	<i>\$1 055 844 41</i>	<i>\$7 344 335 07</i>
<i>Proposed Appropriations..</i>	<i>6 239 853 00</i>	<i>1 014 884 41</i>	<i>7 254 737 41</i>
<i>Unappropriated Balance..</i>	<i>\$ 48 597 66</i>	<i>\$ 41 000 00</i>	<i>\$ 89 597 66</i>

## SUMMARY OF BUDGET APPROPRIATIONS, 1931-1932

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<b>General</b>			
General Administrative Offices and General Expense....\$	439 991 00	\$ 8 075 00	\$ 448 066 00
Library.....	311 585 00		311 585 00
Physical Plant Operation and Maintenance.....	827 167 00		827 167 00
Physical Plant Extension.....	130 000 00		130 000 00
<b>Colleges and Schools</b>			
Liberal Arts and Sciences..... 1	209 917 00		1 209 917 00
Journalism.....	32 770 00		32 770 00
Commerce.....	223 045 00		223 045 00
Education.....	196 000 00		196 000 00
Engineering.....	622 566 00		622 566 00
<b>Agriculture</b>			
University Appropriation...	768 951 00		768 951 00
Cook County Experiment Station (State).....		15 000 00	15 000 00
Purnell, Smith-Lever, Cap- per-Ketcham, and Ad- ditional Federal Funds Sales.....		349 772 41	349 772 41
Total, Agriculture..... (	768 951 00)	( 600 194 41)	(1 369 145 41)
Library Science.....	33 745 00		33 745 00
Law.....	80 700 00		80 700 00
Fine and Applied Arts.....	211 655 00		211 655 00
Graduate School.....	66 800 00		66 800 00
Physical Welfare.....	131 200 00		131 200 00
Military.....	21 004 00	4 000 00	25 004 00
Summer Session (1932).....	90 000 00		90 000 00
Medicine.....	522 242 00		522 242 00
Dentistry.....	150 010 00	1 600 00	151 610 00
Pharmacy.....	115 705 00		115 705 00
Non-Recurring Appropriations..	54 800 00		54 800 00
Sub-total..... (6	239 853 00)	( 613 869 41)	(6 853 722 41)
Auxiliary Enterprises.....		156 000 00	156 000 00
Endowment Income and Gift Funds.....		245 015 00	245 015 00
<i>Grand Total</i> .....	<u>\$6 239 853 00</u>	<u>\$1 014 884 41</u>	<u>\$7 254 737 41</u>

**COMPARATIVE SUMMARY OF  
BUDGET APPROPRIATIONS, 1931-1932**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<b>General</b>			
General Administrative Offices and General Expense....\$	287 270 00	\$ 160 796 00	\$ 448 066 00
Library.....	156 410 00	155 175 00	311 585 00
Physical Plant Operation and Maintenance.....	39 806 00	787 361 00	827 167 00
Physical Plant Extension.....		130 000 00	130 000 00
<b>Colleges and Schools</b>			
Liberal Arts and Sciences....	1 078 887 00	131 030 00	1 209 917 00
Journalism.....	29 070 00	3 700 00	32 770 00
Commerce.....	216 595 00	6 450 00	223 045 00
Education.....	174 650 00	21 350 00	196 000 00
Engineering.....	542 126 00	80 440 00	622 566 00
<b>Agriculture</b>			
University Appropriation...	482 185 00	286 766 00	768 951 00
Cook County Experiment Station.....	2 800 00	12 200 00	15 000 00
Purnell, Smith-Lever, Cap- per-Ketcham and Addi- tional Federal Funds..	276 998 56	72 773 85	349 772 41
Sales.....	5 367 00	230 055 00	235 422 00
Total, Agriculture..... (	767 350 56)	( 601 794 85)	(1 369 145 41)
Library Science.....	30 870 00	2 875 00	33 745 00
Law.....	77 500 00	3 200 00	80 700 00
Fine and Applied Arts.....	196 295 00	15 360 00	211 655 00
Graduate School.....	36 300 00	30 500 00	66 800 00
Physical Welfare.....	105 700 00	25 500 00	131 200 00
Military.....	18 640 00	6 364 00	25 004 00
Summer Session (1932).....	86 000 00	4 000 00	90 000 00
Medicine.....	407 087 00	115 155 00	522 242 00
Dentistry.....	120 310 00	31 300 00	151 610 00
Pharmacy.....	91 920 00	23 785 00	115 705 00
Non-Recurring Appropriations..		54 800 00	54 800 00
Sub-total..... (4	462 786 56)	(2 390 935 85)	(6 853 722 41)
Auxiliary Enterprises.....	9 250 00	146 750 00	156 000 00
Endowment Income and Gift Funds.....	123 750 00	121 265 00	245 015 00
<b>Grand Total.....</b>	<b>\$4 595 786 56</b>	<b>\$2 658 950 85</b>	<b>\$7 254 737 41</b>

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

**Summary**

The balances and receipts of the following trust funds are appropriated for the purposes of the respective funds with the provision that the expenditures shall not exceed the receipts and balances of the individual funds. The details as to individual funds and amounts are shown in the Summaries of Colleges and Schools.

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
General			
Library.....		\$ 50 00	\$ 50 00 <sup>1</sup>
Physical Plant Extension.....			
Colleges and Schools			
Liberal Arts and Sciences.....	\$ 1 400 00	5 725 00	7 125 00
Commerce.....	5 000 00	200 00	5 200 00
Engineering.....	89 900 00	82 050 00	171 950 00
Agriculture.....	10 220 00	7 715 00	17 935 00
Fine and Applied Arts.....		1 170 00	1 170 00
Graduate School.....			1
Physical Welfare.....		300 00	300 00
Medicine.....		8 020 00	8 020 00
Scholarships, Fellowships, and Prizes	14 980 00	340 00	15 320 00
Miscellaneous.....	2 250 00	15 695 00	17 945 00
<b>Total.....</b>	<b>\$123 750 00</b>	<b>\$121 265 00</b>	<b>\$245 015 00</b>

<sup>1</sup>June 30, 1931, balance to be expended in 1931-32.

### The Salary Budget

*Unless otherwise indicated in the Budget:*

1. All appointments begin September 1, 1931.
2. C. S. (Civil Service) appointments are for one year. Appointees to stenographic and clerical positions are assigned to departments at the convenience of the University. The University reserves the right to change such assignments during the year if the needs of the University and of the departments require such action.
3. Salaries of 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
- B—Two years from September 1, 1931
- D—One year
- E—Ten months
- F—Special tenure
- G—Part time; the number following this symbol indicates the fraction of time in per cent.

**GENERAL ADMINISTRATIVE OFFICES AND DEPARTMENTS  
AND GENERAL EXPENSE**

**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Administrative Offices and General De- partments</i>			
Board of Trustees.....	\$ 1 000 00	\$ 8 675 00	\$ 9 675 00
President's Office.....	42 980 00	4 100 00	47 080 00
University Counsel.....	10 000 00	500 00	10 500 00
Provost.....	1 000 00	.....	1 000 00
Business Office, Urbana.....	77 460 00	14 000 00	91 460 00
Business Office, Chicago.....	12 700 00	6 280 00	18 980 00
Total.....	( 90 160 00)	( 20 280 00)	(110 440 00)
Registrar's Office.....	33 235 00	16 700 00	49 935 00
Dean of Men.....	16 750 00	16 105 00	32 855 00
Dean of Women.....	14 470 00	4 000 00	18 470 00
Senate.....	800 00	400 00	1 200 00
Information Office.....	2 700 00	2 390 00	5 090 00
University Press.....	9 200 00	18 100 00	27 300 00
Military Bands.....	13 200 00	2 300 00	15 500 00
High School Visitor.....	16 460 00	3 540 00	20 000 00
High School Conference.....		2 500 00	2 500 00
Publicity.....	7 350 00	3 750 00	11 100 00
Radio Station.....	600 00	3 250 00	3 850 00
Alumni Records.....	9 790 00	3 940 00	13 730 00
Community Adviser.....	4 500 00	1 500 00	6 000 00
General Administrative Reorgani- zation.....	11 000 00		11 000 00
<i>General Expense</i>			
Historical and Publishing.....		4 000 00	4 000 00
Student's Handbook.....		500 00	500 00
Honors Day.....		650 00	650 00
Council of Administration.....		1 750 00	1 750 00
Convocations.....		750 00	750 00
Commencement.....		2 500 00	2 500 00
Visiting Professorships, Lectures, and other functions.....		9 000 00	9 000 00
Educational Conferences and In- vestigations.....		5 000 00	5 000 00
Freshman Week.....		1 800 00	1 800 00
Injuries to Employees.....		3 000 00	3 000 00
President's Reception and Enter- tainment Fund.....		3 500 00	3 500 00
President's Incidental and Emer- gency Fund.....		1 500 00	1 500 00
Membership in Organizations.....		735 00	735 00
Audits.....		2 500 00	2 500 00
Intramural Debating.....			
Patents on Discoveries and Inven- tions.....		2 500 00	2 500 00
Premium on Treasurer's Bond....			
Interest on Indebtedness.....		3 081 00	3 081 00
<i>Sub-total</i> .....	(285 195 00)	(154 796 00)	(439 991 00)
Revolving Entrance Examinations Fund.....	2 075 00	6 000 00	8 075 00
<i>Total</i> .....	<u>\$287 270 00</u>	<u>\$160 796 00</u>	<u>\$448 066 00</u>

## Administrative and General

<b>PRESIDENT'S OFFICE</b>		<i>Salary</i>
1. Harry W. Chase, President.....	A	\$ 20 000
2. David Kinley, President and Professor of Economics, <i>Emeritus</i> .....		6 000
3. A. J. Janata, Private Secretary and Assistant to the President (Exempt).....	D	6 000
4. H. B. Johnston, Executive Secretary (C. S.).....		4 500
5. Albert R. Lee, Chief Clerk (C. S.).....		2 000
6. Elizabeth P. McEvoy, Stenographer (C. S.).....		1 700
7. Margaret M. Gazan, Stenographer (C. S.).....		1 400
8. Mrs. Marie Bierfeldt, Stenographer (C. S.).....		1 380
<i>Total, President's Office</i> .....		<u>\$ 42 980</u>

**BOARD OF TRUSTEES**

1. H. E. Cunningham, Secretary.....	D	\$ 1 000
(See University Press.....)		4 500)
(Total salary.....)		5 500)

**PROVOST**

1. A. J. Harno, Provost.....	D	\$ 1 000
(See College of Law.....)		9 000)
(Total salary.....)		10 000)

**UNIVERSITY COUNSEL**

1. Sveinbjorn Johnson, University Counsel.....	D	\$ .....
Professor of Law.....	A	8 500
2. Naomi Fleming, Secretary to University Counsel (C. S.)...		1 500
<i>Total, University Counsel</i> .....		<u>\$ 10 000</u>

**BUSINESS OFFICE, URBANA**

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

**General**

1. Lloyd Morey, Comptroller.....	D	\$ .....
Professor of Accountancy.....	A	8 500
2. A. E. Lee, Statistician (C. S.).....		3 600
3. Merle Rhoads, Chief Clerk (C. S.).....		1 920 <sup>1</sup>
4. Margaret Waggoner, Stenographer (C. S.).....		1 320
5. Genevieve Vencill, Typist (C. S.).....		1 320

**Auditing and Accounting Division**

6. C. H. Pratt, Auditor (C. S.).....		4 500
7. A. Lincicome, Chief Accountant (C. S.).....		3 700
8. S. C. Smith, Assistant Auditor (C. S.).....		2 500
9. L. M. Dahlenburg, Junior Accountant (C. S.).....		1 500
(From Residence Halls and Hospital.....)		500)
(Total salary.....)		2 000)
10. Florence Cunningham, Stenographer (C. S.).....		1 500
11. Helen Norton, Clerk (C. S.).....		1 500
12. Mrs. Pauline Phillips, Bookkeeper (C. S.).....		1 320
13. Clarana E. Lowery, Typist (C. S.).....		1 200
14. Ione Robbins, Clerk and Typist (C. S.).....		1 200
15. Mary Brosnahan, Typist (C. S.).....		1 020
16. Naomi Leonard, Bookkeeper (C. S.).....		960

**Bursar's Division**

17. H. B. Ingalls, Bursar (C. S.).....		5 000
18. C. A. Webber, Assistant Bursar (C. S.).....		3 400

<sup>1</sup>Subject to approval of the Civil Service Commission.

	<i>Salary</i>
19. H. A. Hazleton, Cashier (C. S.).....	2 200
20. J. I. Johnson, Assistant Cashier (C. S.).....	1 800
21. Alice Matheny, Clerk (C. S.).....	1 200
(From Residence Halls.....)	300)
(Total salary.....)	1 500)
22. Hortense Scott, Payroll Clerk (C. S.).....	1 380
23. Mrs. Mary Oneal, Stenographer (C. S.).....	1 260
24. G. W. Michael, Assistant Cashier (C. S.).....	1 200
25. Ruth Clinite, Record Clerk (C. S.).....	1 200
26. R. F. Wood, Typist (C. S.).....	1 200
27. Enid Corpe, File Clerk (C. S.).....	1 020

**Purchasing Division**

28. H. M. Edwards, Purchasing Agent (C. S.).....	5 400
29. C. P. Slater, Assistant Purchasing Agent (C. S.).....	3 500
30. W. M. Tullock, Traffic Clerk (C. S.).....	2 700
31. E. G. Smith, Inventory Clerk (C. S.).....	1 800
32. H. F. Thornes, Clerk (C. S.).....	1 620
33. Zella Ulum, Stenographer (C. S.).....	1 560 <sup>1</sup>
34. Mrs. Augusta Moore, Typist (C. S.).....	1 380
35. Calla Blaisdell, Stenographer (C. S.).....	1 080
36. J. M. Lindgren, Supervisor of General Chemical Storeroom	D
(From Applied Chemistry Testing Fund.....)	2 750)
(From General Chemistry Storeroom.....)	750)
(Total salary.....)	3 500) <sup>2</sup>
37. C. C. Crawford, Storekeeper (C. S.).....	1 800)
(From General Chemical Storeroom.....)	1 800)
38. W. L. Bennett, Stock Record Clerk (C. S.).....	1 800)
(From General Chemical Storeroom.....)	1 800)
39. W. K. Lumsden, Head Storekeeper (C. S.).....	2 100)
(From Office Supply Storeroom.....)	2 100)
40. F. C. Pearson, Assistant Storekeeper (C. S.).....	1 200)
(From Office Supply Storeroom.....)	1 200)
<i>Total, Business Office, Urbana.....</i>	<i>\$ 77 460</i>

**BUSINESS OFFICE, CHICAGO**

1. J. E. Millizen, <sup>3</sup> Business Agent for Chicago Departments (C. S.).....	\$ 4 500
2. Mrs. Florence Nelson, Bookkeeper (C. S.).....	1 800
3. Bess Walsh, Cashier and Stenographer (C. S.).....	1 800
4. Mrs. Miriam Stillman, Chief Clerk (C. S.).....	1 600
5. _____, Switchboard Operator (C. S.).....	1 200
6. _____, Clerk (C. S.).....	1 800
<i>Total, Business Office, Chicago.....</i>	<i>\$ 12 700</i>

**REGISTRAR'S OFFICE**

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

1. G. P. Tuttle, Registrar (C. S.).....	\$ 5 500
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**Division of Admissions**

2. D. A. Grossman, Examiner (C. S.).....	3 300
(Accountancy Fund.....)	800)
(Entrance Examinations.....)	400)
(Total Salary.....)	4 500)
3. L. V. Peterson, Assistant Examiner.....	DG75 225
(Entrance Examinations.....)	975)
(Total salary.....)	1 200)

<sup>1</sup>Subject to approval of the Civil Service Commission.

<sup>2</sup>Also from Athletic Association, \$1900.

<sup>3</sup>Transferred from Purchasing Division of Business Office at Urbana, salary 1930-31, \$4000.

	<i>Salary</i>
4. Harriet E. Hamm, Assistant Examiner (C. S.).....	2 100
5. M. Zella Hall, Assistant Examiner (C. S.).....	950
(Accountancy Fund.....)	1 150)
(Total salary.....)	2 100)

**Division of Records**

6. E. C. Seyler, Recorder (C. S.).....	2 500
7. L. A. Boice, <i>Retired</i> .....	1 480
8. Tabitha J. Broadhurst, Assistant Recorder (C. S.).....	2 000
9. M. Priscilla Howe, Assistant Recorder (C. S.).....	2 000
10. Verna L. Everett, Record Clerk (C. S.).....	960
11. Rosene Hawthorne, Record Clerk (C. S.).....	1 300
12. Doris M. Brown, Record Clerk (C. S.).....	960
13. Mrs. Mildred Potts, Record Clerk (C. S.).....	1 020

**Division of Statistics**

14. Mrs. Margaret S. Van Duyn, Junior Registration Clerk (C. S.).....	1 400
15. Mary E. Johnston, Record Clerk (C. S.).....	1 020

**General Assistants**

16. Alta Bagott, Filing Clerk (C. S.).....	1 500
17. Mrs. Lucy J. Tucker, General Assistant (C. S.).....	960
18. Mrs. Louise Kobel, Stenographer (C. S.).....	600
(Entrance Examinations.....)	700)
(Accountancy Fund.....)	300)
(Total salary.....)	1 600)
19. Arminta L. Ervin, Stenographer (C. S.).....	1 200
20. Carrie McGreevy, Stenographer (C. S.).....	1 300
21. Mary A. Lesicko, Stenographer (C. S.).....	960

*Total, Registrar's Office*..... \$ 33 235

**DEAN OF MEN**

1. F. H. Turner, Acting Dean of Men.....	D	\$ 4 750
2. T. A. Clark, Dean of Men and Professor of Rhetoric, <i>Emeritus</i> .....		4 000
3. G. H. Smith, Assistant Dean of Men.....	D	2 900
4. C. R. Frederick, Assistant Dean of Men.....	D	2 000
5. P. C. Livingston, Assistant to the Dean of Men.....	D	1 500
6. Hazel Yates, Secretary to the Dean of Men (Exempt).....	D	1 600

*Total, Dean of Men*..... \$ 16 750

**DEAN OF WOMEN**

1. Maria Leonard, Dean of Women.....	D	\$ 6 500
2. Irene D. Pierson, Assistant to the Dean of Women.....	D	2 150
3. _____, Assistant to the Dean of Women.....	D	1 600
4. Frances E. Swanson, Secretary (Exempt).....	D	1 700
5. Nettie Roberts, Stenographer (C. S.).....		1 440
6. Mildred H. Schroeder, Clerk (C. S.).....		1 080

*Total, Dean of Women*..... \$ 14 470

**HIGH SCHOOL VISITOR**

1. A. W. Clevenger, High School Visitor.....	D	\$ 5 500
2. H. A. Hollister, Professor, <i>Emeritus</i> .....		2 400
3. H. D. Trimble, Assistant High School Visitor.....	D	4 000
4. F. C. Hood, Assistant High School Visitor.....	D	3 000
5. Frances M. Laughner, Secretary (C. S.).....		1 560

*Total, High School Visitor*..... \$ 16 460

**UNIVERSITY PRESS**

1. H. E. Cunningham, Director of the University Press and Information Office, Secretary of the Board of Trustees (See Board of Trustees.....)	D	\$	4 500	<i>Salary</i>
(Total salary.....)			1 000)	
2. C. W. Reagan, Superintendent of Print Shop (C. S.) (Print Shop.....)			4 200)	
3. H. C. Oesterling, Editor (C. S.).....			3 200	
4. Maude Archdeacon, Stenographer (C. S.).....			1 500	
<i>Total, University Press.....</i>		\$	9 200	

**INFORMATION OFFICE**

1. H. E. Cunningham, Director.....	D	\$	.....
(Salary under University Press and Board of Trustees)			
2. Anna L. Neuber, Assistant Director (C. S.).....			2 700 <sup>1</sup>

**PUBLICITY**

1. J. F. Wright, Director of Publicity and Director of Radio Station, Associate Professor of Journalism.....	D	\$	5 750
2. Frank Schooley, Assistant to the Director of Publicity.....	DG75		1 600
(See Journalism.....)			600)
(Total salary.....)			2 200)
<i>Total, Publicity.....</i>		\$	7 350

**RADIO STATION**

1. J. F. Wright, Director of Radio Station, Director of Publicity and Associate Professor of Journalism.....	D	\$	.....
(Salary under Publicity)			
2. O. A. Kubitz, Instructor (In Music).....	EG40		600
(See Philosophy.....)	EG50		1 000)
(See Music.....)	EG10		200)
(Total salary.....)			1 800)

**MILITARY BANDS**

1. A. A. Harding, Director and Professor of Music.....	AG67	\$	4 500
(See School of Music.....)	AG33		2 000)
(Total salary.....)			6 500)
2. R. F. Dvorak, Assistant Director.....	EG50		1 800
(See School of Music.....)	EG50		1 400)
(Total salary.....)			3 200)
3. G. T. Overgard, Assistant.....	EG25		500
(See School of Music.....)	EG33		600)
(Total salary.....)			1 100)
4. Mrs. Velma I. Roberts, Secretary (C. S.).....			1 600
5. 65 student assistantships for bandmen (amount of term fees) and services of other needed band members during Commencement week.....			4 800 <sup>2</sup>
<i>Total, Military Bands.....</i>		\$	13 200

**UNIVERSITY SENATE  
COMMITTEE ON STUDENT'S ENGLISH**

1. R. Fisher, Secretary.....	EG40	\$	800
(See English.....)	EG60		1 200)
(Total salary.....)			2 000)

**ALUMNI RECORDS**

1. C. J. Roseberry, Alumni Recorder (C. S.).....		\$	3 000
(Paid by Athletic Association.....)			2 500)
(Paid by Alumni Association.....)			.....) <sup>3</sup>
(Total salary.....)			.....)

<sup>1</sup>Subject to approval of the Civil Service Commission.<sup>2</sup>The raising of term fees automatically increased the last item, which represents the refund of fees paid by students at the beginning of the semester.<sup>3</sup>Not yet acted upon.

	<i>Salary</i>
2. Gleyne Goodwine, Office Manager (C. S.).....	2 650
3. Gertrude E. Stanton, Editorial Assistant (C. S.).....	1 440
4. Mrs. Ramona L. Walker, Bookkeeper and Filing Clerk (C. S.).....	1 400
5. Christine F. Aden, Clerk and Typist (C. S.).....	1 300
<i>Total, Alumni Records.....</i>	<u>\$ 9 790</u>

**COMMUNITY ADVISER**

1. R. E. Hieronymus, Community Adviser.....	D	\$ 4 500
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**LIBRARY**

**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Salaries</i>			
Administration.....	\$ 12 700 00		\$ 12 700 00
Order Department.....	23 080 00		23 080 00
Binding Department.....	4 200 00		4 200 00
Periodical Department.....	4 500 00		4 500 00
Catalog Department.....	45 820 00		45 820 00
Loan Department.....	24 150 00		24 150 00
Reference Department.....	10 800 00		10 800 00
Departmental Libraries			
Urbana.....	26 000 00		26 000 00
Chicago, Medicine, and Dentistry	5 160 00		5 160 00
<i>Total, Departmental Libraries..</i>	( 31 160 00)		( 31 160 00)
<i>Total, Salaries.....</i>	(156 410 00)		(156 410 00)
<i>Expense and Equipment</i>			
Medicine and Dentistry.....		\$ 1 175 00	1 175 00
General (Including all Urbana De- partmental Libraries).....		33 675 00	33 675 00
<i>Total, Expense and Equipment</i>		( 34 850 00)	( 34 850 00)
<i>Library Additions</i>			
Commerce.....		3 000 00	3 000 00
Architecture.....		1 325 00	1 325 00
Law.....		11 000 00	11 000 00
Medicine and Dentistry.....		10 000 00	10 000 00
Pharmacy.....		1 000 00	1 000 00
General (all other departments)...		94 000 00	94 000 00
<i>Total, Library Additions.....</i>		(120 325 00)	(120 325 00)
<i>Grand Total, Library.....</i>	<u>\$156 410 00</u>	<u>\$155 175 00</u>	<u>\$311 585 00</u>

**Expendable Gift Funds**

Independent Order of B'nai B'rith		
Library Fund.....	\$50 00	\$50 00
<i>Total.....</i>	<u>\$50 00</u>	<u>\$50 00</u>

**Administration**

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

1. P. L. Windsor, Director of the University Library and Li- brary School.....	D	\$ .....
Professor of Library Science.....	A	7 000
2. Mary L. Bull, Assistant to the Director (C. S.).....		2 000
3. Mildred A. Jones, Stenographer (C. S.).....		1 260
4. Grace Goodman, Stenographer (C. S.).....		1 000
5. E. Wharmby, Helper (C. S.).....		1 440
<i>Total, Administration.....</i>		<u>\$ 12 700</u>

<b>Order Department</b>		<i>Salary</i>
1. Willia K. Garver, Lecturer in Library School and Order Librarian .....	D	\$ 3 200
2. I. Iben, Exchange Assistant (C. S.) .....		2 400
3. Dorothy Moyer, Assistant (C. S.) .....		2 100
4. Kathleen Ruckman, Assistant (C. S.) .....		1 600
5. W. L. Noggle, Assistant (C. S.) .....		1 500
6. Sylvia Gilmore, Assistant (C. S.) .....		1 500
7. Edith McRoberts, Assistant (C. S.) .....		1 600
8. R. H. Shove, Assistant (C. S.) .....		1 500
9. Isabelle Grant, Assistant (C. S.) .....		1 800
10. _____, Assistant (C. S.) .....		1 500
11. Louise Wohlfarth, Bookkeeper-Clerk (C. S.) .....		1 320
12. _____, Stenographer (C. S.) .....		960
13. Martha Konradt, Stenographer (C. S.) .....		1 200
14. Evelyn Schuck, Clerk (C. S.) .....		900
<i>Total, Order Department</i> .....		<u>\$ 23 080</u>
<b>Binding Department</b>		
1. Josie B. Houchens, Lecturer in Library School and Binding Librarian .....	D	\$ 2 800
2. Alice Wesley, Assistant (C. S.) .....		1 400
<i>Total, Binding Department</i> .....		<u>\$ 4 200</u>
<b>Periodical Department</b>		
1. Katherine Doyle, Library Assistant in Charge (C. S.) .....		\$ 2 100
2. Fay Clements, Clerk (C. S.) .....		1 200
3. _____, Library Assistant (C. S.) .....		1 200
<i>Total, Periodical Department</i> .....		<u>\$ 4 500</u>
<b>Catalog Department</b>		
1. Adah Patton, Lecturer in Library School and Catalog Librarian .....	D	\$ 3 400
2. Eleanor Robertson, Assistant Catalog Librarian (C. S.) .....		2 600
3. Amanda Flattery, <i>Retired</i> .....		760
4. Cleo Lichtenberger, Cataloger (C. S.) .....		2 400
5. C. U. Faye, Cataloger (C. S.) .....		2 400
6. Esther Anell, Cataloger (C. S.) .....		2 300
7. Katherine Wheeler, Cataloger (C. S.) .....		2 100
8. Mary Mann, Cataloger (C. S.) .....		2 000
9. Meta M. Sexton, Cataloger (C. S.) .....		1 900
10. Edith C. Jones, Cataloger (C. S.) .....		1 800
11. _____, Cataloger (C. S.) .....		1 800
12. A. H. Trotier, Cataloger (C. S.) .....		1 800
13. Wilma Trexel, Cataloger (C. S.) .....		1 600
14. _____, Cataloger (C. S.) .....		1 700
15. _____, Cataloger (C. S.) .....		1 600
16. Elva Krogh, Cataloger (C. S.) .....		1 500
17. Doris Achelpohl, Cataloger (C. S.) .....		1 500
18. Gertrude Grainger, Cataloger (C. S.) .....		1 500
19. Blanche Hargis, Cataloger (C. S.) .....		1 400
20. Clarissa Lewis, Cataloger (C. S.) .....		1 400
21. _____, Cataloger (C. S.) .....		1 500
22. _____, Cataloger (C. S.) .....		1 400
23. Lellia Swearingen, Typist and Multigraph Operator (C. S.) .....		1 500
24. Elizabeth Beedle, Clerk (C. S.) .....		1 360
25. Audrey M. Sexton, Clerk (C. S.) .....		1 400
26. Eula Clanton, Typist (C. S.) .....		1 200
<i>Total, Catalog Department</i> .....		<u>\$ 45 820</u>

<b>Loan Department</b>		<i>Salary</i>
1. Emma R. Jutton, Lecturer in Library School, Loan Librarian	D	\$ 3 000
2. J. R. Gullledge, Assistant (C. S.)		1 800
3. Helen Stewart, Assistant (C. S.)		1 700
4. Cecilia McCarthy, Assistant (C. S.)		1 700
5. _____, Assistant (C. S.)		1 600
6. Esther Price, Assistant (C. S.)		1 600
7. _____, Assistant (C. S.)		1 400
8. E. J. Scheerer, Assistant (C. S.)		1 500
9. Annabel Smith, Assistant (C. S.)		1 500
10. Ruth Hardin, Assistant (C. S.)	EG50	550
11. Mildred Bowers, Assistant (C. S.)		1 400
12. Ruth Rothenberger, Assistant (C. S.)		1 400
13. _____, Assistant (C. S.)	G75	900
14. _____, Assistant (C. S.)		1 300
15. _____, Assistant (C. S.)		1 400
16. _____, Assistant (C. S.)		1 400
<i>Total, Loan Department</i>		<u>\$ 24 150</u>

<b>Reference Department</b>		
1. Alice S. Johnson, Lecturer in Library School and Reference Librarian	D	\$ 2 800
2. Fanny Dunlap, Lecturer in Library School and Reference Librarian	D	2 800
3. Dorothy Black, Reference Assistant (C. S.)		2 200
4. G. H. Sandy, Reference Assistant (C. S.)		1 600
5. _____, Reference Assistant (C. S.)	G50	700
6. _____, Reference Assistant (C. S.)	G50	700
<i>Total, Reference Department</i>		<u>\$ 10 800</u>

<b>Departmental Libraries</b>		
1. C. E. Janvrin, Librarian of the Natural History Library (C. S.)		\$ 2 600
2. Mary Burwash, Librarian of the Agricultural Library (C. S.)		2 400
3. Nelle M. Signor, Library Assistant in History and Political Science (C. S.)		2 200
4. Hazel Y. Shaw, Library Assistant in Economics and Sociology (C. S.)		2 100
5. Hilda J. Alseth, Librarian of the Engineering Library (C. S.)		2 100
6. Ida Tod, Library Assistant in Philosophy, Psychology, and Education (C. S.)		2 100
7. Florence Harding, Library Assistant in Modern Languages (C. S.)		2 000
8. Fern DeBeck, Librarian of the Architecture Library (C. S.)		2 000
9. Bernita Long, Library Assistant in the Law Library	DG80	1 700
10. E. S. Warrick, Library Assistant in Mathematics (C. S.)		1 700
11. A. W. Rosaaen, Library Assistant in Chemistry (C. S.)		1 900
12. _____, Library Assistant in Classics (C. S.)		1 600
13. _____, Library Assistant in English (C. S.)		1 600
<i>Total, Departmental Libraries, Urbana</i>		<u>\$ 26 000</u>

<b>Departmental Library—Medicine and Dentistry</b>		
1. Metta M. Loomis, Librarian (C. S.)		\$ 2 500
2. Margaret Bates, Assistant Librarian (C. S.)		1 700
3. Mrs. Marcia D. Buchanan, Helper (C. S.)		960
<i>Total, Departmental Library, Medicine and Dentistry</i>		<u>\$ 5 160</u>

**SUPERVISING ARCHITECT AND SUPERINTENDENT OF  
BUSINESS OPERATIONS**

**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Physical Plant Operation (Subject to adjustment within total)			
Urbana-Champaign			
Salaries (part).....	\$35 106 00		\$ 35 106 00
Building Maintenance.....		\$137 000 00	137 000 00
Building Operation.....		150 000 00	150 000 00
Fire Station.....		9 500 00	9 500 00
Freight Handling.....		3 500 00	3 500 00
General Operation.....		39 000 00	39 000 00
Grounds.....		40 000 00	40 000 00
Heat, Light, and Power.....		220 000 00	220 000 00
Office Expense.....		3 500 00	3 500 00
Police and Watchman.....		14 000 00	14 000 00
Telephone Exchange.....		15 000 00	15 000 00
Tools and Equipment.....		8 500 00	8 500 00
Truck Operation and Maintenance..		12 000 00	12 000 00
Water Station.....		10 000 00	10 000 00
<i>Total, Urbana-Champaign.....</i>	<i>(35 106 00)</i>	<i>(662 000 00)</i>	<i>(697 106 00)</i>
Chicago			
Salaries.....	4 700 00		4 700 00
Building Operation.....		34 406 00	34 406 00
Building Maintenance.....		32 560 00	32 560 00
Heat, Light, and Power.....		56 545 00	56 545 00
Office Expense.....		350 00	350 00
Insurance.....		1 500 00	1 500 00
<i>Total, Chicago.....</i>	<i>( 4 700 00)</i>	<i>(125 361 00)</i>	<i>(130 061 00)</i>
<i>Total, Physical Plant Operation</i>	<i>\$39 806 00</i>	<i>\$787 361 00</i>	<i>\$827 167 00</i>
Physical Plant Extension.....		130 000 00	130 000 00
Blue-Printing and Photography (See Stores and Service Departments)	3 000 00	8 000 00	11 000 00
Residence Halls (See Auxiliary Enterprises).....	\$ 6 750 00	\$106 250 00	\$113 000 00
Expendable Gift Funds			
Carr Tree Planting Fund.....			1

**PHYSICAL PLANT**

		<i>Salary</i>
1. J. M. White, Supervising Architect and Superintendent of Business Operation.....	D	\$ .....
Professor of Architectural Engineering.....	A	8 500
2. J. A. Morrow, Superintendent of Buildings (C. S.).....		5 000
3. R. C. Maxwell, Structural Engineer and Superintendent of Building Construction (C. S.).....		4 800
4. E. L. Stouffer, Architectural Designer and Assistant Supervising Architect (C. S.).....		4 200
5. H. I. Pearce, Architectural Engineer (C. S.).....		3 600
6. E. E. Anderson, Structural Engineer (C. S.).....		3 600
7. T. J. Showers, Assistant Superintendent of Buildings (Maintenance) (C. S.).....		3 600
8. T. O. Henderson, Assistant Superintendent of Buildings (Operation) (C. S.).....		3 120
9. C. E. Atkinson, Superintendent of Grounds (C. S.).....		3 600
10. Sadie L. Stubbs, Assistant to Superintendent of Business Operations (C. S.).....		2 220

<sup>1</sup>Balance June 30, 1931, to be expended in 1931-32.

	<i>Salary</i>
11. Mary E. Brennan, Chief Clerk (C. S.).....	2 100
12. Hazel Tucker, Senior Clerk (C. S.).....	1 800
13. Mrs. Dorothea K. Williamson, Landscape Architectural Draftsman (Six half days each week) (C. S.).....	912
14. C. S. Havens, Senior Clerk (C. S.).....	2 000
15. Sybil K. Nagle, Junior Stenographer (C. S.).....	1 500
16. Ellen Van Vliet, Graduate Stenographer (C. S.).....	1 200
17. Frances McClughen, <i>Retired</i> .....	450
18. J. F. Purkins, <i>Retired</i> .....	416
19. C. A. Dunseth, <i>Retired</i> .....	877
20. W. G. Hixon, <i>Retired</i> .....	548
21. Louis Finder, <i>Retired</i> .....	760
22. Basil Brown, <i>Retired</i> .....	678
23. Sell Hamlin, <i>Retired</i> .....	607
24. Dan Meneely, <i>Retired</i> .....	634
25. J. C. Snyder, <i>Retired</i> .....	670
26. Martin Sandwell, <i>Retired</i> .....	951
27. A. J. McAlister, <i>Retired</i> .....	914
28. A. J. Booker, <i>Retired</i> .....	972

All of the above salaries are chargeable to Physical Plant operation, appropriations for buildings, or to Operation and Maintenance Overhead.

#### PHYSICAL PLANT OPERATION, CHICAGO

##### Summary

(Subject to adjustment within the total.)

Building Maintenance.....	\$ 32 560 00
Building Operation.....	34 406 00
Heating and Lighting.....	56 545 00
Office Expense.....	350 00
Insurance on Chicago Buildings.....	1 500 00
<i>Total, Physical Plant Operation, Chicago</i> .....	<u>\$125 361 00</u>

##### Salaries

1. E. C. Fletcher, Superintendent of Buildings for Chicago Departments (C. S.).....	\$ 3 500
2. Marjorie Burke, Clerk and Stenographer (C. S.).....	1 200
<i>Total, Physical Plant, Chicago, Salaries</i> .....	<u>\$ 4 700</u>

#### PHOTOGRAPHY

1. Ray R. Hamm, Manager of Photographic and Blueprinting Laboratory (C. S.).....	\$ 3 000 <sup>1</sup>
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#### WOMAN'S RESIDENCE HALLS

1. Beulah E. Gradwohl, House Manager of the Woman's Residence Hall and the West Residence Hall.....	D \$ 3 000 <sup>2</sup>
2. Mrs. Ida A. Ewald, Director of Social Activities in the West Residence Hall.....	E 900 <sup>2</sup>
3. Mrs. Ella F. Boyd, Director of Social Activities in the Woman's Residence Hall.....	E 900 <sup>2</sup>
4. Mrs. Ida M. Staehle, House Manager and Social Director of Davenport House.....	E 1 250 <sup>2</sup>
5. (Part of salary of Alice Matheny, Clerk in Business Office, also charged to this account).....	300
6. (Part of salary of L. M. Dahlenburg, Junior accountant in Business Office, also charged to this account).....	400
<i>Total, Woman's Residence Halls</i> .....	<u>\$ 6 750</u>

All above salaries paid from the operating profits of the Halls and not included in budget totals.

<sup>1</sup>Salary to be paid out of the receipts of the laboratories; not included in budget totals.

<sup>2</sup>With maintenance, including living quarters, board, and personal laundry, while on duty.

**PHYSICAL PLANT EXTENSION, 1931-1932**

(Subject to Adjustments within the total. Projects amounting to more than \$1000 and less than \$5000 must be approved by the President; projects amounting to more than \$5000 must be approved by the Board of Trustees.)

*URBANA-CHAMPAIGN*

Building Improvements.....	\$ 34 000 00
Campus Improvements.....	20 000 00
Furniture and Fixtures.....	10 000 00
Heat, Light, and Power Improvements.....	15 000 00
General.....	15 000 00

*CHICAGO*

Medical Building	}	.....	6 000 00
Dental Building			
Pharmacy Building			
Undistributed.....			30 000 00
<i>Total, Physical Plant Extension.....</i>			<u>\$130 000 00</u>

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 21 792 00	\$ 4 025 00	\$ 25 817 00
Astronomy.....	5 600 00	1 000 00	6 600 00
Bacteriology.....	14 150 00	6 120 00	20 270 00
Botany.....	43 430 00	5 250 00	48 680 00
Chemistry.....	175 500 00	82 500 00	258 000 00
Classics.....	23 750 00	800 00	24 550 00
English.....	191 685 00	2 925 00	194 610 00
Entomology.....	18 620 00	3 085 00	21 705 00
Geology.....	58 425 00	3 350 00	61 775 00
German.....	35 530 00	400 00	35 930 00
History.....	69 360 00	600 00	69 960 00
Mathematics.....	112 750 00	800 00	113 550 00
Philosophy.....	26 700 00	150 00	26 850 00
Physiology.....	17 200 00	2 500 00	19 700 00
Political Science.....	35 175 00	400 00	35 575 00
Psychology.....	34 200 00	2 100 00	36 300 00
Romance Languages.....	82 850 00	600 00	83 450 00
Sociology.....	26 600 00	625 00	27 225 00
Zoology.....	81 570 00	7 800 00	89 370 00
Classical Museum.....		2 000 00	2 000 00
Museum of European Culture.....		2 000 00	2 000 00
Natural History Museum.....	4 000 00	2 000 00	6 000 00
<i>Total</i> .....	<u>\$1 078 887 00</u>	<u>\$131 030 00</u>	<u>\$1 209 917 00</u>

## Expendable Gift Funds

Chemistry			
Amino Acids Research.....		\$ 375 00	\$ 375 00
High Pressure Gas Research			
Chemical Foundation.....			1
Tennessee Products Associ-			
ation.....			1
Rohm and Haas.....	\$ 700 00	300 00	1 000 00
Monsanto Chemical Company			1
Leprosy Treatment.....	700 00	50 00	750 00
Bacteriology			
Toxins in Canned Meats.....			1
Botany			
Radiation Effects on Pollen.....			1
Estimated Additional Funds <sup>2</sup> .....		5 000 00	5 000 00
<i>Total</i> .....	<u>\$1 400 00</u>	<u>\$5 725 00</u>	<u>\$7 125 00</u>

## Administration

		<i>Salary</i>
1. _____, Dean.....	A	\$ 9 000
1a. A. H. Daniels, Acting Dean (until further notice).....	F	(1 000)
(See Graduate School.....)		8 000)
(Total salary.....)		9 000)
2. K. C. Babcock, Dean, <i>Emeritus</i> .....	A	3 612
3. H. F. Fletcher, Assistant Dean.....	D	3 400
(See English.....)		1 600)
(Total salary.....)		5 000)
4. Esther Bruhn, Secretary to the Dean (Exempt).....	D	1 800

<sup>1</sup>Balance June 30, 1931, to be expended in 1931-32.<sup>2</sup>Estimated New Funds, Renewals of Current Funds, and June 30, 1931, Balances of Current Funds.

		<i>Salary</i>
5. Marian H. Martin, Chief Clerk (C. S.).....		1 500
6. Dorothy Clark, Stenographer (C. S.).....		1 400
7. _____, Record Clerk (C. S.).....		1 080
<i>Total, Administration</i> .....		<u>\$ 21 792</u>
<b>Astronomy</b>		
1. R. H. Baker, Professor (On leave with $\frac{1}{2}$ pay for 1931-32)	A	\$ 5 000
2. J. E. Merrill, Assistant Professor (Paid from unused portion of salary of R. H. Baker, absent on leave, and not included in total.....		
3. _____, Assistant.....	D EG50	2 500) 600
<i>Total, Astronomy</i> .....		<u>\$ 5 600</u>
<b>Bacteriology</b>		
1. F. W. Tanner, Professor and Head of Department.....	A	\$ 6 000
2. G. I. Wallace, Associate.....	D	2 750
3. Francis L. Clark, Assistant.....	E	1 800
4. John B. Rehm, Assistant.....	EG50	700
5. E. Wheaton, Assistant.....	EG50	700
6. _____, Assistant.....	EG50	600
7. A. L. Moody, Laboratory Helper (C. S.).....		1 600
<i>Total, Bacteriology</i> .....		<u>\$ 14 150</u>
<b>Botany</b>		
1. C. F. Hottes, Professor.....	A	\$ .....
Head of Department.....	DG83	5 250
(See College of Agriculture.....	DG17	1 050)
(Total salary.....		6 300)
2. W. Trelease, Professor, <i>Emeritus</i> .....		2 280
3. F. L. Stevens, Professor.....	A	5 750
4. J. T. Buchholz, Professor.....	A	6 000
5. B. T. Palm, Visiting Professor of Botany (Paid from Visiting Professorships fund, and not included in total.....	EG50	2 500)
6. A. G. Vestal, Associate Professor.....	A	4 400
7. A. D. Moinat, Instructor.....	E	2 300
8. Stella M. Hague, Instructor.....	E	2 400
9. A. S. Johnson, Assistant.....	EG50	700
10. J. A. Yarbrough, Assistant.....	EG50	600
11. _____, Assistant.....	EG50	600
12. _____, Assistant.....	EG25	300
13. Esther J. Nissen, Assistant.....	EG50	600
14. Stella A. Holmes, Assistant.....	EG50	600
15. _____, Assistant.....	EG50	600
16. Herschel L. Hull, Assistant.....	EG50	600
17. _____, Assistant.....	EG50	600
18. J. M. Schopf, Assistant.....	EG50	700
19. Florence D. Smith, Assistant.....	EG50	700
20. Myrle M. Burk, Assistant.....	EG50	700
21. Mary A. Duffy, Assistant.....	EG50	600
22. T. M. Sperry, Assistant.....	EG50	700
23. _____, Research Assistant.....	EG50	600
24. Frances B. Cottrell, Assistant.....	EG50	700
25. Margaret M. Huesing, Assistant.....	EG50	700
26. Charlotte Brown, Assistant.....	EG25	350
27. Mrs. Nina Petticrew, Clerk (C. S.).....		1 200
28. J. H. Ernest, Laboratory Helper and Mechanician (C. S.)....		1 700
29. F. W. Schaede, Laboratory Helper, (C. S.).....		1 200
<i>Total, Botany</i> .....		<u>\$ 43 430</u>

## Chemistry

		Salary
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 Physiological Chemistry . . . . .	A	7 500
4. B. S. Hopkins, Professor of Inorganic Chemistry . . . . .	A	6 000
5. A. M. Buswell, Professor of Chemistry . . . . .	AG <sub>40</sub>	2 400
(Paid by State Water Survey . . . . .)		3 300)
(Total salary . . . . .)		5 700)
6. W. H. Rodebush, Professor of Physical Chemistry . . . . .	A	6 500
7. D. B. Keyes, Professor of Industrial Chemistry . . . . .	A	3 250
(See College of Engineering . . . . .)		3 250)
(Total salary . . . . .)		6 500)
8. G. L. Clark, Professor of Analytical Chemistry . . . . .	A	7 000
9. C. S. Marvel, Professor of Organic Chemistry . . . . .	A	5 500
10. T. E. Phipps, Associate Professor . . . . .	A	3 800
11. N. W. Krase, Associate Professor . . . . .	A	4 700
12. J. H. Reedy, Associate Professor . . . . .	A	3 800
13. R. L. Shriner, Associate Professor . . . . .	A	3 800
14. R. C. Fuson, Associate Professor . . . . .	A	3 800
15. S. S. Kistler, Assistant Professor . . . . .	B	3 500
16. D. T. Englis, Assistant Professor . . . . .	B	3 400
17. G. F. Smith, Assistant Professor . . . . .	B	3 500
18. V. du Vigneaud, Assistant Professor . . . . .	B	3 250
19. Rosalie M. Parr, Associate . . . . .	B	2 700
20. _____, Associate . . . . .	B	2 700
21. C. W. Stillwell, Associate . . . . .	B	2 800
22. J. C. Bailar, Associate . . . . .	B	2 900
23. M. J. Copley, Associate . . . . .	B	2 700
24. _____, Associate . . . . .	B	2 800
25. Virginia Bartow, Associate . . . . .	B	2 400
26. F. C. Howard, Instructor . . . . .	E	2 400
27. G. H. Reed, Instructor . . . . .	E	2 000
28. _____, Instructor . . . . .	E	2 000
29. _____, Instructor . . . . .	E	2 000
30. Paul Anders, Assistant in Glass Blowing . . . . .	B	2 200
31. Justa Lindgren, Technical Analyst and Supervisor of General Chemical Stores . . . . .	D	.....
(Applied Chemical Testing . . . . .)		2 750)
(See Business Office . . . . .)		750)
(Total salary . . . . .)		3 500) <sup>1</sup>
32. Erich Meitzner, Research Assistant . . . . .	EG <sub>50</sub>	800
33. D. W. Pearce, Research Assistant . . . . .	EG <sub>50</sub>	700
34. P. R. Schildneck, Research Assistant . . . . .	EG <sub>50</sub>	700
35. G. E. Symons, Assistant . . . . .	EG <sub>75</sub>	1 150
36. H. Luttringhans, Assistant . . . . .	EG <sub>50</sub>	800
37. J. T. Eaton, Assistant . . . . .	EG <sub>50</sub>	700
38. A. O. Jackson, Assistant . . . . .	EG <sub>50</sub>	700
39. J. H. Balthis, Assistant . . . . .	EG <sub>50</sub>	600
40. S. H. Babcock, Assistant . . . . .	EG <sub>50</sub>	600
41. C. W. Bradley, Assistant . . . . .	EG <sub>50</sub>	700
42. Florence Catherwood, Assistant . . . . .	EG <sub>50</sub>	700
43. A. A. Burton, Assistant . . . . .	EG <sub>50</sub>	700
44. F. H. Brock, Assistant . . . . .	EG <sub>50</sub>	700
45. John DeVries, Assistant . . . . .	EG <sub>50</sub>	700
46. H. E. Carter, Assistant . . . . .	EG <sub>50</sub>	600
47. A. R. Gray, Assistant . . . . .	EG <sub>50</sub>	700
48. E. E. Jukkola, Assistant . . . . .	EG <sub>50</sub>	700
49. J. B. Shields, Assistant . . . . .	EG <sub>50</sub>	700
50. C. D. Thompson, Assistant . . . . .	EG <sub>50</sub>	700
51. Q. R. Bartz, Assistant . . . . .	EG <sub>50</sub>	600

<sup>1</sup>Also from Athletic Association, \$1900.

		<i>Salary</i>
52.	C. E. Schilz, Assistant.....	EG50 700
53.	E. L. Meyers, Assistant.....	EG50 700
54.	_____, Assistant.....	EG50 600
55.	W. F. Bailey, Assistant.....	EG50 700
56.	E. G. Koch, Assistant.....	EG50 700
57.	H. D. Cogan, Assistant.....	EG50 700
58.	C. H. Fisher, Assistant.....	EG50 700
59.	E. M. McMahon, Assistant.....	EG50 700
60.	A. J. Hoffman, Assistant.....	EG50 600
61.	M. R. Lehman, Assistant.....	EG50 700
62.	E. B. Riegel, Assistant.....	EG50 700
63.	M. T. J. Goebel, Assistant.....	EG50 700
64.	Pauline Robertson, Assistant.....	EG50 700
65.	R. W. Stoughton, Assistant.....	EG50 700
66.	Jesse Harmon, Assistant.....	EG50 700
67.	F. T. Barr, Assistant.....	EG50 600
68.	E. H. Bohle, Assistant.....	EG50 600
69.	Milton Gallagher, Assistant.....	EG50 700
70.	H. S. Loring, Assistant.....	EG50 700
71.	J. N. Mrgudich, Assistant.....	EG50 700
72.	R. H. McCoy, Assistant.....	EG50 600
73.	J. B. Hale, Assistant.....	EG50 700
74.	E. K. Ellingboe, Assistant.....	EG50 600
75.	C. F. Woodward, Assistant.....	EG50 650
76.	R. R. Sealock, Assistant.....	EG25 350
77.	W. E. Sohl, Assistant.....	EG25 350
78.	_____, Assistant.....	EG25 300
79.	_____, Assistant.....	EG25 300
80.	A. M. VanArendonk, Assistant.....	EG25 300
81.	C. F. Gibbs, Assistant.....	EG25 350
82.	J. E. Clemens, Assistant.....	EG25 350
83.	C. T. Caldwell, Special Research Assistant (1 year from June 15, 1931) (Paid from Graduate School Funds....	FG50 1 000)
84.	W. F. Henry, Assistant.....	EG25 350
85.	Walter Klabunde, Assistant.....	EG25 350
86.	R. H. Ewart, Assistant.....	EG25 350
87.	_____, Assistant.....	EG25 300
88.	D. Tarvin, Assistant.....	EG25 350
89.	W. F. Bradley, Assistant.....	EG25 350
90.	J. O. Page, Assistant.....	EG25 350
91.	N. E. Searle, Assistant.....	EG25 350
92.	L. W. Butz, Assistant.....	EG25 350
93.	_____, Assistant.....	EG25 300
94.	_____, Assistant.....	EG25 300
95.	Mrs. Edna Evans, Chief Clerk (C. S.).....	2 100
96.	Agness Dyson, Stenographer and Clerk (C. S.).....	1 140
97.	Majel Wilson, Stenographer (C. S.).....	1 140
98.	Dorsie Baize, Stenographer (C. S.).....	G67 780
	(See College of Engineering.....	G33 360)
	(Total salary.....	1 140)
99.	C. F. Miller, Clerk (C. S.).....	2 400
100.	T. Peel, Storekeeper (C. S.).....	1 700
101.	F. Mock, Storekeeper (C. S.).....	1 600
102.	C. E. Dalton, Laboratory Helper (C. S.).....	1 500
103.	S. A. Phillips, Laboratory Helper (C. S.).....	960
104.	L. Kirby, Laboratory Helper (C. S.).....	1 140
105.	M. T. Murrell, Laboratory Helper (C. S.).....	1 440
106.	L. E. Tillotson, Laboratory Helper (C. S.).....	1 320
107.	C. M. Scott, Laboratory Helper (C. S.).....	1 260
108.	C. B. Dunn, Laboratory Helper (C. S.).....	1 200
109.	A. C. Ivey, Laboratory Helper (C. S.).....	1 020
110.	E. N. Genung, Laboratory Helper (C. S.).....	900

	<i>Salary</i>
111. A. E. Wood, Mechanician (C. S.).....	2 000
112. G. A. Pittman, Mechanical Assistant (C. S.).....	1 260
<i>Total, General University Funds</i> .....	(\$175 560)

#### Expendable Gift Funds for Special Cooperative Research

<i>Chemical Foundation for Research in Treatment of Lepers</i>	
1. A. E. Knauf, Special Research Assistant.....	EG <sub>50</sub> \$ 700
<i>Rohm and Haas Company for Research in High Pressure Gas</i>	
1. J. H. Holloway, Special Research Assistant (1 year from February 1, 1931, not including July and August)....	FG <sub>50</sub> 700
<i>Total, Expendable Gift Funds</i> .....	(1 400)
<i>Total, Department of Chemistry</i> .....	\$176 900

#### Classics

1. W. A. Oldfather, Professor and Chairman of Department...	A \$ 7 000
2. H. J. Barton, Professor, <i>Emeritus</i> .....	2 000
3. H. V. Canter, Professor.....	A 5 750
4. B. E. Perry, Associate Professor.....	A 4 500
5. G. E. Mylonas, Associate.....	D 2 500
6. P. S. Dunkin, Assistant.....	EG <sub>50</sub> 700
7. Albert Rapp, Assistant.....	EG <sub>50</sub> 700
8. T. H. Erck, Research Assistant.....	EG <sub>50</sub> 600
<i>Total, Classics</i> .....	\$ 23 750

#### English

1. W. J. Graham, Professor and Head of Department.....	A \$ 7 500
2. Ernest Bernbaum, Professor.....	A 6 500
3. D. K. Dodge, Professor, <i>Emeritus</i> .....	2 000
4. T. A. Clark, Professor of Rhetoric, <i>Emeritus</i> .....	.....
(Salary under Dean of Men's Office)	
5. G. T. Flom, Professor of Scandinavian Languages and English Philology (On leave with $\frac{1}{2}$ pay for 1931-32).....	A 5 000
6. H. G. Paul, Professor of the Teaching of English.....	A 2 750
(See College of Education.....)	
(Total salary.....)	
7. Jacob Zeitlin, Professor.....	A 5 000
8. T. W. Baldwin, Professor (On leave with $\frac{1}{2}$ pay for 1931-32)	A 5 000
9. E. C. Baldwin, Professor.....	A 4 250
10. H. S. V. Jones, Professor.....	A 4 500
11. H. N. Hillebrand, Professor.....	A 4 500
12. B. L. Jefferson, Professor.....	A 4 500
13. Alta G. Saunders, Associate Professor of Business English	A 3 800)
(See College of Commerce.....)	
14. W. P. Sandford, Associate Professor of English.....	A 4 000
15. J. J. Parry, Associate Professor.....	A 3 600
16. H. F. Fletcher, Associate Professor.....	A 1 600
(See Administration.....)	
(Total salary.....)	
17. Clarissa Rinaker, Assistant Professor.....	D 2 500
18. R. B. Weirick, Assistant Professor.....	B 3 250
19. P. N. Landis, Assistant Professor (On leave with $\frac{1}{2}$ pay for 1931-32).....	B 3 250
20. C. L. Finney, Assistant Professor.....	B 3 200
21. A. W. Secord, Assistant Professor.....	B 3 200
22. Martha J. Kyle, Assistant Professor, <i>Emeritus</i> .....	1 330
23. W. D. Templeman, Assistant Professor.....	B 2 800
24. C. R. Anderson, Assistant Professor.....	B 2 800
25. Caroline Tupper, Associate.....	B 2 450
26. W. E. Waltz, Associate.....	B 3 000

		<i>Salary</i>
27. Garreta Busey, Associate.....	D	2 100
28. Ruth Kelso, Associate.....	B	2 500
29. Mrs. L. Fullenwider Trelease, Instructor.....	E	2 100
30. S. E. Glenn, Instructor.....	E	2 100
31. Severina E. Nelson, Instructor.....	E	2 000
32. M. S. Goldman, Instructor.....	E	2 100
33. Margaret Bloom, Instructor.....	E	1 800
34. Cornelia P. Kelley, Instructor.....	E	2 000
35. Margaret French, Instructor.....	E	2 000
36. Mrs. Esther V. Rapp, Instructor.....	E	2 000
37. J. W. Swanson, Instructor.....	EG67	1 700
(Paid by Theatre Guild.....)		1 000)
(Total salary.....)		2 700)
38. W. K. Maxwell, Jr., Assistant.....	E	1 500
39. J. D. Petersen, Assistant.....	E	1 600
40. J. I. Owen, Assistant.....	EG67	1 000
41. Carolyn Washburn, Assistant.....	E	1 600
42. R. Fisher, Assistant.....	EG60	1 200
(See Senate Committee on Students' English.....)	EG40	800)
(Total salary.....)		2 000)
43. E. W. Davidson, Assistant.....	E	1 700
44. H. P. Wheeler, Assistant.....	E	1 600
45. R. G. Henderson, Assistant.....	E	1 500
46. J. N. Oldham, Assistant.....	E	1 600
47. H. Schenck, Assistant.....	EG50	1 000
(See College of Commerce.....)	EG50	1 000)
(Total salary.....)		2 000)
48. R. L. Blair, Assistant.....	E	1 600
49. J. T. Fain, Assistant.....	E	1 500
50. J. E. Charles, Assistant.....	E	1 500
51. Josephine E. Miller, Assistant.....	E	1 700
52. J. P. Brawner, Assistant.....	E	1 700
53. J. W. Harris, Assistant.....	E	1 700
54. J. P. Riebel, Assistant.....	E	1 500
55. R. G. Mood, Assistant.....	E	1 800
56. J. A. Hamilton, Assistant.....	E	1 600
57. Beulah F. Summers, Assistant.....	E	1 600
58. R. N. Foley, Assistant.....	EG67	1 000
59. Margaret H. Belsley, Assistant.....	E	1 700
60. Margaret Gress, Assistant.....	E	1 600
61. _____, Assistant.....	E	1 700
62. E. C. Coleman, Assistant.....	E	1 900
63. G. Millhouse, Assistant.....	EG67	1 000
64. Frances Griswold, Assistant.....	E	1 700
65. Mildred Noble, Assistant.....	E	1 600
66. R. A. Gettmann, Assistant.....	E	1 800
67. E. V. Sandin, Assistant.....	E	1 900
68. E. H. Peterson, Assistant.....	E	1 800
69. G. C. Scheerer, Assistant.....	E	1 500
70. Mildred Martin, Assistant.....	E	1 500
71. J. R. Hurley, Assistant.....	E	1 500
72. Ralph Slow, Assistant.....	E	1 700
73. Edna Simpson, Assistant.....	E	1 700
74. K. J. Tarpley, Assistant.....	E	1 700
75. Dorles C. Stutzman, Assistant.....	E	1 600
76. C. W. Roberts, Assistant.....	E	1 800
77. Frederic Osenburg, Assistant.....	E	1 600
78. H. F. W. Moeller, Assistant.....	E	1 600
79. D. R. Lang, Assistant.....	E	1 600
80. L. C. Dolk, Assistant.....	E	1 600
81. Mrs. Edith E. Sweney, Assistant.....	EG67	1 000
82. Jean M. Fielder, Assistant.....	E	1 700

		<i>Salary</i>
83. E. N. Lockard, Assistant.....	E	1 500
84. A. D. Huston, Assistant.....	E	1 500
85. R. Orlovich, Assistant.....	E	1 500
86. Mary Peirce, Assistant.....	EG67	1 000
87. _____, Instructor.....	E	2 000
88. _____, Instructor (Salary paid from unused portion of salary of G. T. Flom, absent on leave, and not included in total.....)	E	2 500)
89. P. G. Haskell, Assistant (Salary paid from unused portion of salary of T. W. Baldwin, absent on leave, and not included in total.....)	E	1 800)
90. A. L. Korn, Assistant (Salary paid from unused portion of salary of P. N. Landis, absent on leave, and not included in total.....)	E	1 625)
91. _____, Technical Assistant.....	EG75	1 125
(Paid by Theatre Guild.....)		375)
(Total salary.....)		1 500)
92. Olive Henneberger, Assistant.....	EG33	500
93. Genevieve G. Frison, Clerk and Stenographer (C. S.).....		1 380
<i>Total, Department of English.....</i>		<u>\$191 685</u>

## Entomology

1. C. L. Metcalf, Professor and Head of Department.....	A	\$ 5 500
2. W. P. Hayes, Associate Professor.....	A	4 200
3. W. V. Balduf, Assistant Professor.....	B	3 500
4. V. G. Milum, Assistant Professor.....	B	3 200
5. G. M. Kutchka, Assistant.....	EG50	600
6. _____, Assistant.....	EG50	600
7. _____, Clerk and Stenographer (C. S.).....		1 020
<i>Total, Entomology.....</i>		<u>\$ 18 620</u>

## Geology

1. F. W. DeWolf, Professor.....	A	\$ .....
Head of Department.....	D	8 000
2. W. S. Bayley, Professor, <i>Emeritus</i> .....		2 825
3. C. W. Rolfe, Professor, <i>Emeritus</i> .....		1 900
4. T. E. Savage, Professor.....	A	5 750
5. T. T. Quirke, Professor (On leave with $\frac{1}{2}$ pay for 1931-32).....	A	4 500
6. W. O. Blanchard, Professor (On leave with $\frac{1}{2}$ pay for 1931-32).....	A	4 500
7. W. V. Howard, Associate Professor.....	A	4 000
8. F. P. Shepard, Assistant Professor.....	B	3 200
9. A. H. Sutton, Assistant Professor.....	B	3 200
10. H. R. Wanless, Assistant Professor.....	B	3 000
11. C. H. Crickmay, Assistant Professor.....	B	3 250
12. J. L. Page, Assistant Professor.....	B	2 800
13. J. H. Burgy, Associate.....	D	2 400
14. Edith Muriel Poggi, Associate.....	D	2 500
15. _____, Associate (Paid from unused portion of salary of W. O. Blanchard, absent on leave, and not included in total.....)	E	2 250)
16. J. E. A. Kania, Instructor (Paid from unused portion of salary of T. T. Quirke, absent on leave, and not included in total.....)	E	2 000)
17. Lylyan H. Block, Assistant.....	E	1 400
18. C. R. L. Oder, Assistant.....	EG50	700
19. O. E. Wagner, Assistant.....	EG50	700
20. J. A. Culbertson, Assistant.....	EG50	700
21. H. S. Kilian, Assistant.....	EG50	600
22. D. D. Utterback, Assistant.....	EG50	700

		<i>Salary</i>
23. M. H. Billings, Assistant.....	EG50	600
24. Thelma Johnson, Clerk (C. S.) (¼ time Economic Geology, ¾ time Geology).....	D	1 200
<i>Total, Geology</i> .....		<u>\$ 58 425</u>

## German

1. A. W. Aron, Professor and Head of Department.....	A	\$ 6 500
2. N. C. Brooks, Professor.....	A	4 500
3. C. A. Williams, Associate Professor.....	A	4 000
4. A. H. Koller, Assistant Professor.....	B	3 200
5. Daisy L. Blaisdell, Assistant Professor, <i>Emeritus</i> .....		1 330
6. J. T. Geissendoerfer, Assistant Professor.....	B	3 300
7. _____, Assistant Professor.....	B	3 000
8. J. W. Kurtz, Assistant.....	EG75	1 275
9. F. Moore, Assistant.....	EG75	1 200
10. Mimi I. Jehle, Assistant.....	EG75	1 200
11. E. M. Mueller, Assistant.....	EG50	700
12. D. F. Munro, Assistant.....	EG75	1 125
13. V. W. Robinson, Assistant.....	EG50	700
14. W. I. Schreiber, Assistant.....	EG50	700
15. R. F. Voigt, Assistant.....	EG50	700
16. _____, Assistant.....	EG50	700
17. _____, Assistant.....	EG50	700
18. _____, Assistant.....	EG50	700
<i>Total, German</i> .....		<u>\$ 35 530</u>

## History

1. L. M. Larson, Professor and Head of Department.....	A	\$ 7 000
2. A. H. Lybyer, Professor.....	A	6 000
3. W. S. Robertson, Professor (On leave with ½ pay for 1931-32).....	A	6 000
4. T. C. Pease, Professor.....	A	3 500
(Paid by Illinois Historical Library.....)		2 000)
(Total salary.....)		5 500)
5. P. V. B. Jones, Professor.....	A	4 250
6. J. G. Randall, Professor.....	A	4 500
7. F. C. Dietz, Professor.....	A	4 250
8. M. L. Hansen, Professor.....	A	4 750
9. J. W. Swain, Associate Professor.....	A	3 700
10. F. S. Rodkey, Associate Professor.....	A	4 000
11. Louise B. Dunbar, Assistant Professor.....	B	2 900
12. F. S. Ronalds, Assistant Professor.....	B	2 700
13. R. C. Werner, Assistant Professor.....	B	2 600
14. E. L. Erickson, Associate.....	D	2 400
15. Mary L. Shay, Instructor.....	E	2 200
16. _____, Assistant and Clerk.....	E	1 500 <sup>1</sup>
17. F. G. Davenport, Assistant.....	EG50	700
18. G. L. LaFuze, Assistant.....	EG50	700
19. E. L. Major, Assistant.....	EG50	700
20. B. W. Yount, Assistant.....	EG50	700
21. L. L. Sage, Assistant.....	EG50	700
22. H. M. Tolo, Assistant.....	EG50	700
23. Marian E. Baker, Assistant.....	EG75	1 000
24. A. R. Wright, Assistant.....	EG50	600
25. R. R. Martig, Assistant.....	EG50	600
26. A. O. Sarkissian, Assistant.....	EG24	350
27. J. D. Crawford, <i>Retired</i> .....		360
<i>Total, History</i> .....		<u>\$ 69 360</u>

<sup>1</sup>\$600 as clerk and \$900 as assistant, 1931-32.

Mathematics		Salary
1. R. D. Carmichael, Professor.....	A	\$ .....
Head of Department.....	D	8 500
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.....	A	4 750
5. A. Emch, Professor.....	A	4 750
6. A. B. Coble, Professor.....	A	10 000
7. A. R. Crathorne, Associate Professor of Mathematical Statistics.....	A	4 250
8. E. B. Lytle, Associate Professor of the Teaching of Mathematics.....	AG33	1 400
(See College of Education.....)	AG67	2 600)
(Total salary.....)		4 000)
9. Olive C. Hazlett, Associate Professor.....	A	4 000
10. H. R. Brahana, Assistant Professor.....	B	3 600
11. H. Levy, Assistant Professor.....	B	3 000
12. A. J. Maria, Assistant Professor.....	D	3 000
13. H. W. Bailey, Assistant Professor.....	B	3 000
14. _____, Assistant Professor.....	B	3 050
15. L. L. Steimley, Associate.....	B	2 700
16. P. W. Ketchum, Associate.....	B	2 700
17. D. G. Bourgin, Associate.....	B	2 700
18. Echo D. Pepper, Associate.....	B	2 500
19. C. Hopkins, Associate.....	B	2 500
20. Beulah M. Armstrong, Associate.....	B	2 400
21. V. A. Hoersch, Associate.....	B	2 400
22. W. Wilson, Associate.....	B	2 400
23. J. W. Peters, Instructor.....	E	2 300
24. O. K. Bower, Instructor.....	E	2 200
25. H. J. Miles, Instructor.....	E	2 200
26. L. Bristow, Instructor.....	E	2 200
27. G. E. Moore, Instructor.....	E	2 200
28. M. T. Bird, Assistant.....	EG67	1 000
29. J. F. Locke, Assistant.....	EG67	1 000
30. G. B. McClellan, Assistant.....	EG67	1 000
31. F. L. Wood, Assistant.....	EG67	1 000
32. C. A. Jacokes, Assistant.....	EG67	1 000
33. G. B. Lang, Assistant.....	EG67	1 000
34. S. F. Barber, Assistant.....	EG67	1 000
35. H. A. Dennis, Assistant.....	EG67	1 000
36. J. A. Cooley, Assistant.....	EG67	1 000
37. C. G. Schilling, Assistant.....	EG67	1 000
38. D. M. Brown, Assistant.....	EG67	1 000
39. Carolyn R. Rogers, Assistant.....	EG67	1 000
40. Josephine H. Chanler, Assistant.....	EG67	1 000
41. Mary B. Rumsey, Assistant.....	EG67	1 000
42. R. E. Norris, Assistant.....	EG67	1 000
43. A. G. Clark, Assistant.....	EG67	1 000
44. G. B. Huff, Assistant.....	EG67	1 000
45. A. C. Burdette, Assistant.....	EG67	1 000
46. E. E. Walden, Assistant.....	EG67	1 000
47. J. D. Grant, Assistant.....	EG67	1 000
48. _____, Assistant.....	EG33	500
49. Mrs. Mary P. Walls, Secretary to Head of the Department (C. S.).....		1 600
<i>Total, Mathematics.....</i>		<i>\$112 750</i>
<b>Philosophy</b>		
1. M. T. McClure, Professor and Head of Department.....	A	\$ 6 500
2. A. H. Daniels, Professor.....	A	.....
(Salary under Graduate School)		

		<i>Salary</i>
3. G. R. Morrow, Professor.....	A	5 300
4. G. A. Tawney, Professor.....	AG50	3 000
5. A. C. Benjamin, Assistant Professor.....	D	3 250
6. J. A. Nicholson, Assistant Professor.....	D	2 750
7. D. W. Gotshalk, Assistant Professor.....	D	2 700
8. P. L. DeLargy, Instructor.....	E	2 200
9. O. A. Kubitz, Instructor.....	EG50	1 000
(See School of Music.....)	EG10	200)
(See Radio Station.....)	EG40	600)
(Total salary.....)		1 800)
<i>Total, Philosophy.....</i>		<u>\$ 26 700</u>
<b>Physiology</b>		
1. W. E. Burge, Associate Professor.....	A	\$ . . . .
Acting Head of Department.....	D	4 000
2. G. C. Wickwire, Assistant.....	E	2 300
3. W. P. Elhardt, Assistant.....	E	2 200
4. Leora P. Kneer, Assistant.....	E	1 600
5. Emily Williams, Assistant.....	E	1 800
6. G. W. Daubenspeck, Assistant.....	E	1 600
7. O. S. Orth, Assistant.....	E	1 400
8. _____, Assistant.....	EG75	900
9. _____, Laboratory Helper (C. S.).....		1 400
<i>Total, Physiology.....</i>		<u>\$ 17 200</u>
<b>Political Science</b>		
1. J. W. Garner, Professor and Head of Department.....	A	\$ 8 500
2. J. A. Fairlie, Professor.....	A	6 000
3. J. M. Mathews, Professor.....	A	5 750
4. C. A. Berdahl, Professor (On leave with ½ pay 1931-32)...	A	4 000
5. C. M. Kneier, Assistant Professor.....	D	3 600
6. C. S. Hyneman, Assistant Professor.....	D	3 200
7. R. H. Stimson, Instructor (Paid from unused portion of salary of C. A. Berdahl, absent on leave, not included in total.....)	D	2 000)
8. P. S. Sikes, Assistant.....	EG50	800
9. R. L. Carlton, Assistant.....	E	1 500
10. J. J. Lenoir, Assistant.....	EG75	1 125
11. Lampton Berry, Assistant.....	EG25	350
12. A. L. Powell, Assistant.....	EG25	350
<i>Total, Political Science.....</i>		<u>\$ 35 175</u>
<b>Psychology</b>		
1. Herbert Woodrow, Professor and Head of Department....	A	\$ 5 500
2. P. T. Young, Associate Professor.....	A	4 000
3. E. A. Culler, Associate Professor.....	A	4 000
3a. Andrew W. Brown, Associate Professor.....	A	. . . .
4. G. D. Higginson, Assistant Professor.....	B	3 300
5. _____, Assistant Professor.....	B	3 000
6. Alice H. Sullivan, Associate.....	B	2 700
7. Elisabeth F. Möller, Associate.....	D	2 200
8. W. G. McAllister, Associate.....	D	2 400
9. K. L. Barkley, Associate.....	D	2 200
10. R. C. Ledgerwood, Assistant.....	EG50	700
11. E. E. Anderson, Assistant.....	EG50	600
12. R. K. Compton, Assistant.....	EG50	700
13. L. H. Stott, Assistant.....	EG67	1 000
14. Sarah Ferrall, Laboratory Assistant.....	EG50	700
15. J. B. Wolfe, Assistant.....	EG50	700
16. _____, Clerk.....	EG50	500
<i>Total, Psychology.....</i>		<u>\$ 34 200</u>

<b>Romance Languages</b>		<i>Salary</i>
1.	D. H. Carnahan, Professor and Head of Department.....	A \$ 5 500
2.	T. E. Oliver, Professor (On leave with $\frac{1}{2}$ pay for 1931-32) ..	A 5 000
3.	Régis Michaud, Professor.....	A 6 500
4.	J. Van Horne, Professor.....	A 4 000
5.	A. Hamilton, Associate Professor.....	A 3 700
6.	J. A. Balseiro, Associate Professor.....	A 3 850
7.	S. F. Will, Assistant Professor.....	B 3 500
8.	P. E. Jacob, Assistant Professor.....	B 3 000
9.	C. C. Gullette, Associate.....	BG <sub>50</sub> 1 450
	(See College of Education.....)	BG <sub>50</sub> 1 450)
	(Total salary.....)	2 900)
10.	O. K. Lundeberg, Associate.....	B 3 000
11.	F. O. Adam, Assistant.....	E 1 600
12.	W. P. Dismukes, Assistant.....	E 1 800
13.	J. R. Young, Assistant.....	E 1 600
14.	R. H. Abbas, Assistant.....	E 1 500
15.	C. G. Rowe, Assistant.....	EG <sub>50</sub> 750
16.	B. G. Carter, Assistant.....	EG <sub>50</sub> 700
17.	A. V. Roche, Assistant.....	E 1 800
18.	J. Alexander, Assistant.....	E 1 700
19.	W. Kendall, Assistant.....	E 1 500
20.	_____, Assistant.....	E 1 600
21.	Edna M. Goggin, Assistant.....	E 1 600
22.	_____, Assistant.....	E 1 600
23.	J. O. Swain, Assistant.....	E 1 700
24.	J. H. Utley, Assistant.....	E 1 600
25.	Margaret Kidder, Assistant.....	E 1 700
26.	C. B. Rew, Assistant.....	EG <sub>50</sub> 900
27.	H. G. A. Smith, Assistant.....	E 1 500
28.	Kathryn I. Allen, Assistant.....	E 1 500
29.	Isabel G. Balthazard, Assistant.....	E 1 600
30.	Matiilde Ellies, Assistant.....	E 1 700
31.	Luis Avilés, Jr., Assistant.....	E 1 600
32.	Edith L. Welch, Assistant.....	E 1 800
33.	Evelyn L. McLain, Assistant.....	E 1 600
34.	G. R. Hilton, Assistant.....	E 1 500
35.	N. H. Fisher, Assistant.....	E 1 500
36.	Mary Dallera, Assistant.....	E 1 500
37.	L. H. Bussard, Assistant.....	E 1 700
38.	Angelina Pietrangeli, Assistant.....	E 1 700
39.	_____, Assistant (Paid from salary of T. E. Oliver, absent on leave, and not included in the total.....)	E 1 500)
40.	_____, Clerk.....	EG <sub>50</sub> 500
	<i>Total, Romance Languages.....</i>	<u>\$ 82 850</u>

<b>Sociology</b>		
1.	D. R. Taft, Professor.....	A \$ 5 000
2.	E. T. Hiller, Associate Professor.....	A . . . .
	Acting Head of Department.....	D 4 000
3.	A. R. Kelly, Assistant Professor of Anthropology.....	B 3 800
4.	J. W. Albig, Assistant Professor.....	B 3 000
5.	W. R. Tylor, Assistant Professor.....	B 3 000
6.	B. F. Timmons, Assistant Professor.....	B 3 000
7.	D. E. Lindstrom, Associate in Rural Sociology (See Purnell and Smith-Lever.....)	D 2 800)
8.	E. A. Ahrens, Assistant.....	E 2 200
9.	E. W. Voelker, Assistant.....	E 1 900
10.	A. V. Houghton, Assistant.....	EG <sub>50</sub> 700
	<i>Total, Sociology.....</i>	<u>\$ 26 600</u>

<b>Zoology</b>		<b>Salary</b>
1. Henry B. Ward, Professor and Head of Department.....	A	\$ 6 500
2. Frank Smith, Professor, <i>Emeritus</i> .....		2 250
3. Charles Zeleny, Professor.....	A	5 500
4. V. E. Shelford, Professor.....	A	5 500
5. H. J. Van Cleave, Professor.....	A	5 000
6. Waldo Shumway, Professor.....	A	5 500
7. L. A. Adams, Assistant Professor.....	D	4 000
8. R. R. Kudo, Assistant Professor.....	B	3 400
9. L. J. Thomas, Assistant Professor.....	B	3 400
10. A. R. Cahn, Assistant Professor.....	B	3 000
11. J. M. DePue, Associate.....	D	3 000
12. F. B. Adamstone, Associate.....	D	2 900
13. W. M. Luce, Instructor.....	E	2 400
14. O. Park, Instructor.....	E	2 400
15. C. A. Hawkins, Assistant.....	E	1 800
16. P. C. Beaver, Assistant.....	E	1 800
17. R. E. Chase, Assistant.....	E	1 800
18. A. L. Hjortland, Assistant.....	E	1 800
19. W. F. Hoheisel, Assistant.....	E	1 700
20. S. H. Hopkins, Research Assistant.....	DG75	1 300
21. _____, Research Assistant.....	DG50	720
22. T. D. Foster, Assistant.....	EG50	700
23. J. G. Mackin, Assistant.....	E	1 800
24. J. R. Buchheit, Assistant.....	EG50	700
25. J. S. Dolley, Assistant.....	EG50	700
26. Mabel R. Walter, Assistant.....	EG50	700
27. W. C. Van Deventer, Assistant.....	EG50	700
28. J. M. Parker, Assistant.....	EG50	600
29. R. W. Pillsbury, Assistant.....	EG50	700
30. R. G. Clausen, Assistant.....	EG50	600
31. Virginia B. Hanawalt, Assistant.....	EG50	700
32. J. D. Combs, Assistant.....	EG50	700
33. Jean G. Alexander, Assistant.....	EG50	600
34. _____, Assistant.....	EG25	350
35. S. H. McFarlane, Assistant.....	EG25	300
36. F. S. Olson, Assistant.....	EG25	300
37. Katharine H. Paul, Scientific Artist.....	E	2 400
38. O. C. McMillin, Technician and Storekeeper.....	D	2 000
39. _____, Stenographer (C. S.).....		1 200
40. _____, Mechanic, Caretaker of Vivarium.....	G50	750
<i>Total, Zoology.....</i>		<b>\$ 82 150</b>

**Museum of Natural History**

1. Frank C. Baker, Curator.....	D	\$ 4 000
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**SCHOOL OF JOURNALISM**

1. L. W. Murphy, Director of the School of Journalism.....	D	\$ .....
Professor of Journalism.....	A	5 500
2. J. F. Wright, Associate Professor.....	D	.....
(Salary under Publicity)		
3. R. R. Barlow, Associate Professor.....	B	3 500
4. C. L. Allen, Assistant Professor.....	D	3 600
5. O. C. Leiter, Assistant Professor.....	D	3 600
6. F. S. Siebert, Assistant Professor.....	D	2 900
7. V. L. Krannert, Lecturer.....	EG16	500
8. C. B. Davis, Instructor.....	E	2 600
9. B. S. Dickinson, Instructor.....	E	2 250
10. J. R. Heitman, Assistant.....	E	2 000
11. F. E. Schooley, Assistant.....	EG25	600
(See Publicity.....)	DG75	1 600)
(Total salary.....)		2 200)

12. _____, Assistant.....	EG <sub>50</sub>	<i>Salary</i> 7 00
13. Frances H. Osgood, Clerk and Stenographer (C. S.).....		1 320
<i>Total, Journalism.....</i>		<u>\$ 29 070</u>

**COLLEGE OF COMMERCE AND BUSINESS  
ADMINISTRATION**

**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 10 060 00	\$ 2 250 00	\$ 12 310 00
Business Organization and Operation..	85 900 00		85 900 00
Economics.....	88 695 00		88 695 00
Public Utilities and Transportation....	13 850 00		13 850 00
Bureau of Business Research.....	18 090 00	4 200 00	22 290 00
<i>Total.....</i>	<u>\$216 595 00</u>	<u>\$6 450 00</u>	<u>\$223 045 00</u>

**Expendable Endowment Income Fund**

W. B. McKinley Public Utility Economics Professorship Fund.....	\$5 000 00	\$200 00	\$5 200 00
<i>Total.....</i>	<u>\$5 000 00</u>	<u>\$200 00</u>	<u>\$5 200 00</u>

**Administration**

		<i>Salary</i>
1. C. M. Thompson, Dean and Director of Business Research McKinley Professor of the Economics of Public Utilities and Head of Department of Public Utilities and Transportation (Paid from W. B. McKinley Public Utility Economics Professorship Fund.....)	D	\$ 4 000
(Total salary.....)	A	5 000)
2. C. F. Schlatter, Assistant Dean.....	D	.....
Associate Professor of Accountancy (Salary under Business Organization and Operation)	A	.....
3. _____, Assistant to the Dean (C. S.).....		1 600
4. Freda F. Walker, Chief Clerk (Exempt).....	D	2 000
5. Marie E. Cavanaugh, Stenographer (C. S.).....		1 500
6. Ferne Brown, Stenographer and Record Clerk (C. S.).....		960
<i>Total, Administration.....</i>		<u>\$ 10 060</u>

**Business Organization and Operation**

1. H. T. Scovill, Professor of Accountancy and Head of Department.....	A	\$, 7 000
2. Lloyd Morey, Professor of Accountancy..... (Salary under Business Office)	A	.....
3. E. J. Filbey, Professor of Accountancy.....	A	6 000
4. F. A. Russell, Professor of Business Organization and Operation.....	A	5 500
5. P. D. Converse, Professor of Business Organization and Operation.....	A	5 000
6. A. C. Littleton, Professor of Accountancy.....	AG <sub>50</sub>	2 500
(See Bureau of Business Research.....)	DG <sub>50</sub>	2 500)
(Total salary.....)		5 000)
7. C. F. Schlatter, Associate Professor of Accountancy.....	A	5 000
Assistant Dean.....	D	.....
8. A. G. Anderson, Associate Professor of Business Organization and Operation.....	A	5 000
9. E. R. Dillavou, Associate Professor of Business Law.....	A	3 500
(See Public Utilities and Transportation.....)		500)
(Total salary.....)		4 000)
10. Alta G. Saunders, Associate Professor of Business English	A	3 800

		<i>Salary</i>
11. E. L. Theiss, Associate Professor of Accountancy.....	B	4 250
12. H. H. Baily, Assistant Professor of Accountancy.....	B	3 600
13. W. E. Karrenbrock, Instructor in Accountancy.....	E	2 200
14. R. P. Hackett, Instructor in Accountancy.....	E	2 000
15. H. L. Newcomer, Instructor in Accountancy.....	E	2 000
16. C. C. Curtis, Instructor in Business Law.....	E	2 400
17. M. J. Mandeville, Instructor in Business Organization and Operation.....	E	2 200
18. ———, Instructor in Business Law.....	E	1 800
19. ———, Instructor in Business Organization and Operation.....	E	950
20. P. M. Green, Instructor in Accountancy.....	E	1 800
21. W. F. Frese, Instructor in Accountancy.....	E	1 800
22. P. C. Roberts, Instructor in Business Law.....	E	1 800
23. D. M. Beights, Instructor in Accountancy.....	E	1 800
24. G. E. Lukas, Instructor in Accountancy.....	E	1 500
25. J. A. Anderson, Assistant in Accountancy.....	E	1 400
26. C. R. Niswonger, Assistant in Accountancy.....	E	1 400
27. H. W. Huegy, Assistant in Business Organization and Oper- ation.....	E	1 800
28. F. M. Jones, Assistant in Business Organization and Oper- ation.....	E	1 500
29. Henry Schenck, Assistant in Business Organization and Operation.....	EG50	1 000
(See Department of English.....)	EG50	1 000)
(Total salary.....)		2 000)
30. W. A. Krick, Assistant in Business Organization and Oper- ation.....	E	1 600
31. D. L. Dieterle, Assistant in Accountancy.....	EG50	700
32. T. R. Larimore, Assistant in Accountancy.....	EG50	700
33. ———, Assistant in Accountancy.....	EG50	600
34. ———, Assistant in Accountancy.....	EG50	600
35. Dorothy Barnes, Stenographer (C. S.).....		1 200
<i>Total, Business Organization and Operation.....</i>		<b>\$ 85 900</b>

#### Economics

1. E. L. Bogart, Professor and Head of Department.....	A	\$ 7 500
2. David Kinley, Professor, <i>Emeritus</i> .....	A	.....
(Salary under President's Office)		
3. M. H. Robinson, Professor.....	A	5 000
4. Simon Litman, Professor.....	A	5 500
5. N. A. Weston, Professor.....	A	6 500
6. M. H. Hunter, Professor.....	A	5 500
7. F. E. Lee, Professor.....	A	6 000
8. E. F. Nickoley, Visiting Professor.....	D	4 000
9. C. L. Stewart, Associate Professor.....	AG50	2 500
(See Agriculture.....)	BG50	2 500)
(Total salary.....)		5 000)
10. Ivan Wright, Associate Professor.....	A	4 750
11. Edward Berman, Associate Professor.....	B	3 750
12. L. J. Norton, Assistant Professor.....	BG50	1 900
(See Agriculture.....)	BG50	1 900)
(Total salary.....)		3 800)
13. P. H. Brown, Assistant Professor.....	B	3 500
14. M. J. Wasserman, Assistant Professor.....	B	3 500
15. F. G. Dickinson, Assistant Professor.....	B	3 250
16. D. H. Hoover, Associate.....	B	2 500
17. A. T. Helbing, Associate.....	B	3 000
18. R. W. Bartlett, Instructor.....	EG50	1 375
(See Agriculture.....)	EG50	1 375)
(Total salary.....)		2 750)

		<i>Salary</i>
19.	R. H. Lounsbury, Instructor.....	E 2 750
20.	K. D. Luney, Assistant.....	E 1 500
21.	G. W. Sanford, Assistant.....	E 1 400
22.	P. M. Van Arsdell, Assistant.....	E 1 400
23.	M. H. Sublette, Assistant.....	E 1 600
24.	Paul Alyea, Assistant.....	E 1 600
25.	W. B. Lockling, Assistant.....	EG <sub>50</sub> 700
26.	C. M. Whitlo, Assistant.....	EG <sub>50</sub> 700
27.	_____, Assistant.....	EG <sub>50</sub> 800
28.	F. B. Shaw, Assistant.....	EG <sub>50</sub> 700
29.	D. F. Martin, Jr., Assistant.....	EG <sub>50</sub> 700
30.	H. G. Brainard, Assistant.....	EG <sub>50</sub> 700
31.	W. R. Curtis, Assistant.....	EG <sub>50</sub> 700
32.	L. J. Long, Assistant.....	EG <sub>50</sub> 700
33.	W. J. Baker, Assistant.....	EG <sub>50</sub> 700
34.	_____, Assistant.....	EG <sub>50</sub> 700
35.	Elizabeth McBride, Stenographer (C. S.).....	1 320
<i>Total, Economics.....</i>		<u>\$ 88 695</u>
<b>Public Utilities and Transportation</b>		
1.	C. M. Thompson, McKinley Professor of the Economics of Public Utilities and Head of Department.....	A \$ .....
	Dean and Director of Business Research.....	D .....
	(Salary under Commerce Administration and W. B. McKinley Public Utility Economics Professorship Fund)	
2.	E. R. Dillavou, Associate Professor of Business Law.....	AG <sub>13</sub> 500
	(See Business Organization and Operation.....)	AG <sub>87</sub> 3 500
	(Total salary.....)	4 000)
3.	H. M. Gray, Assistant Professor of the Economics of Public Utilities.....	B 3 750
4.	D. P. Locklin, Assistant Professor of Transportation.....	B 3 500
5.	_____, Associate in Transportation.....	D 2 400
6.	_____, Instructor in the Economics of Public Utilities.....	E 2 200
7.	L. E. Fitzgerald, Assistant in Transportation.....	E 1 500
<i>Total, General University Funds.....</i>		<u>(13 850)</u>
<b>Expendable Endowment Income Funds</b>		
<i>W. B. McKinley, Public Utility Economics Professorship Fund</i>		
1.	C. M. Thompson, Dean and Director of Business Research McKinley Professor of the Economics of Public Utilities and Head of Department.....	D \$ .....
	(See Administration.....)	A 5 000
	(Total salary.....)	4 000)
	<i>Total, Expendable Endowment Income Funds.....</i>	<u>(5 000)</u>
<i>Total, Economics of Public Utilities.....</i>		<u>\$ 18 850</u>
<b>Bureau of Business Research</b>		
1.	C. M. Thompson, Director.....	D \$ .....
	(Salary under Commerce Administration)	
2.	A. C. Littleton, Assistant Director.....	DG <sub>50</sub> 2 500
	(See Business Organization and Operation.....)	AG <sub>50</sub> 2 500)
	(Total salary.....)	5 000)
3.	A. H. Winakor, Statistician.....	D 2 750
4.	_____, Associate in Research.....	D 2 100
5.	R. F. Smith, Associate in Research.....	D 2 000
6.	Florence White, Assistant.....	D 1 800
7.	Ina M. Hamlin, Assistant.....	D 1 500
8.	Mrs. Hilda R. Stice, Editorial Assistant.....	D 1 320

		<i>Salary</i>
9. C. F. Dunham, Assistant.....	EG50	800
10. R. C. Parmelee, Assistant.....	EG50	800
11. Joseph Cerny, Assistant.....	EG50	800
12. _____, Assistant.....	EG50	700
13. Mrs. Anna Locke, Clerk (C. S.).....		1 020
<i>Total, Bureau of Business Research.....</i>		<u>\$ 18 090</u>

### COLLEGE OF EDUCATION

#### Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 11 660	\$ 4 250	\$ 15 910
Athletic Coaching.....	32 125	1 400	33 525
Education.....	45 275	1 100	46 375
Supervision and High School Instruction...	39 060	2 100	41 160
Bureau of Educational Research.....	15 480	7 550	23 030
<i>Sub-total.....</i>	<u>(143 600)</u>	<u>( 16 400)</u>	<u>(160 000)</u>
<i>Smith-Hughes</i>			
Agricultural Education.....	10 600	1 450	12 050
Home Economics Education.....	7 800	400	8 200
Industrial Education.....	12 650	3 100	15 750
<i>Sub-total.....</i>	<u>( 31 050)</u>	<u>( 4 950)</u>	<u>( 36 000)</u>
<i>Total.....</i>	<u>\$174 650</u>	<u>\$21 350</u>	<u>\$196 000</u>

#### Administration

1. T. E. Benner, Dean.....	B	.....
Professor of Education.....	A	\$ 9 000
2. L. W. Williams, Instructor and Secretary of Appointments Committee.....	DG30	1 000
(See Supervision and High School Instruction.....)	DG70	2 200)
(Total salary.....)		3 200)
3. Lillian Hart, Secretary to Dean (Exempt).....	DG65	1 300
(See Industrial Education.....)	DG25	500)
(From Summer Session, 1932.....)	DG10	300)
(Total salary.....)		2 100)
4. Ruth Elizabeth Dalrymple, Stenographer and Clerk (C. S.).....	DG25	360
(See Supervision and High School Instruction).....	DG75	960)
(Total salary.....)		1 320)
<i>Total, Administration.....</i>		<u>\$11 660</u>

#### Athletic Coaching

(For Athletic Coaching salaries see combined schedule under  
Physical Education for Men.)

#### Education

1. E. H. Cameron, Professor.....	A	\$ 7 000
2. W. S. Monroe, Professor.....	A	.....
(Salary under Bureau of Educational Research)		
3. J. A. Clement, Professor.....	A	5 000
4. R. F. Seybolt, Professor.....	A	5 500
5. C. W. Odell, Associate Professor.....	A	3 750
6. C. R. Griffith, Associate Professor.....	DG50	2 625
(See Athletic Coaching.....)	DG50	2 625)
(Total salary.....)		5 250)
7. O. F. Weber, Associate Professor.....	A	3 500
8. Mrs. Nell C. B. Johnston, Assistant Professor.....	B	3 000
9. E. W. Dolch, Assistant Professor.....	B	2 700
10. G. W. Reagan, Assistant Professor.....	B	3 000

		<i>Salary</i>
11.	E. F. Potthoff, Assistant Professor.....	B 3 000
12.	R. B. Browne, Instructor.....	E 2 000
13.	W. W. Peters, Instructor.....	E 2 000
14.	H. H. Punke, Instructor.....	E 2 200
<i>Total, Education.....</i>		<u>\$45 275</u>
<b>Supervision and High School Instruction</b>		
1.	L. W. Williams, Principal and Instructor.....	DG70 \$ 2 200
	(See Education Administration.....)	DG30 1 000)
	(Total salary.....)	3 200)
2.	H. G. Paul, Professor of Teaching of English.....	AG50 2 750
	(See English.....)	AG50 2 750)
	(Total salary.....)	5 500)
3.	E. B. Lytle, Associate Professor of Teaching of Mathematics.....	AG67 2 600
	(See Mathematics.....)	AG33 1 400)
	(Total salary.....)	4 000)
4.	C. C. Gullette, Associate.....	BG50 1 450
	(See Romance Languages.....)	BG50 1 450)
	(Total salary.....)	2 900)
5.	R. M. Holmes, Instructor.....	EG50 1 300
	(See School of Music.....)	EG50 1 300)
	(Total salary.....)	2 600)
6.	R. T. Gregg, Assistant.....	EG75 1 200
	(See Industrial Education.....)	EG25 400)
	(Total salary.....)	1 600)
7.	J. R. Byerley, Teacher.....	E 1 900
8.	Liesette J. McHarry, Teacher.....	E 2 100
9.	Alice M. Jacoby, Teacher.....	E 1 600
10.	Edith M. Davis, Teacher.....	E 1 600
11.	W. E. Harnish, Teacher.....	E 2 100
12.	Helen Taylor, Teacher.....	E 2 000
13.	Marie Boysen, Teacher.....	E 1 700
14.	W. Habberton, Teacher.....	E 2 000
15.	Pauline E. Changnon, Teacher.....	E 1 600
16.	Mrs. Frances D. Wilson, Teacher.....	E 1 800
17.	Mata Smith, Teacher.....	E 1 600
18.	Mrs. Mabel R. Hagan, Teacher.....	E 1 800
19.	Mrs. E. Sullivan, Librarian (C. S.).....	E 1 600
20.	Velma I. Kitchell, Teacher.....	EG50 1 000
	(See School of Music.....)	EG50 1 000)
	(Total salary.....)	2 000)
21.	Louise Zilly, Teacher.....	EG50 700
22.	W. S. Angus, Teacher.....	EG50 800
23.	Jessie Strang, Teacher.....	EG50 700
24.	Ruth Dalrymple, Stenographer and Clerk (C. S.).....	DG75 960
	(See Administration.....)	DG25 360)
	(Total salary.....)	1 320)
<i>Total, Supervision and High School Instruction.....</i>		<u>\$39 060</u>
<b>Bureau of Educational Research</b>		
1.	W. S. Monroe, Professor and Director.....	\$ 6 000
2.	C. W. Odell, Associate Professor.....	A .....
	(Salary under Education)	
3.	V. T. Smith, Assistant.....	D 1 600
4.	M. D. Engelhart, Assistant.....	D 2 000
5.	T. T. Hamilton, Assistant.....	D 1 800
6.	Helen M. Putnam, Chief Clerk (C. S.).....	1 620
7.	Mrs. Evelyn McCabe, Stenographer (C. S.).....	1 260
8.	Mrs. Katherine S. Ashley, Clerk and Typist (C. S.).....	1 200
<i>Total, Bureau of Educational Research.....</i>		<u>\$15 480</u>

Agricultural Education		Salary
1. A. W. Nolan, Associate Professor.....	A	\$ 4 500
2. B. C. Lawson, Instructor.....	D	2 500
3. H. J. Rucker, Instructor.....	DG75	1 800
(Paid by Board of Education at St. Joseph.....)	DG25	1 100)
(Total salary.....)		2 900)
4. Melvin Henderson, Assistant.....	DG75	1 800
(Paid by Board of Education at Tolono.....)	DG25	1 100)
(Total salary.....)		2 900)
<i>Total, Agricultural Education.....</i>		<u>\$10 600</u>
<b>Home Economics Education</b>		
1. Anna Belle Robinson, Associate.....	D	\$ 2 700
2. Elizabeth Todd, Associate.....	D	2 700
3. Florence King, Instructor.....	E	2 400
<i>Total, Home Economics Education.....</i>		<u>\$ 7 800</u>
<b>Industrial Education</b>		
1. A. B. Mays, Professor.....	A	\$ 4 750
2. A. F. Dodge, Assistant Professor.....	B	4 000
3. H. H. Braucher, Associate.....	D	3 000
4. R. T. Gregg, Assistant.....	EG25	400
(See Supervision and High School Instruction.....)	EG75	1 200)
(Total salary.....)		1 600)
5. Lillian Hart, Secretary (Exempt).....	DG25	500
(See Administration.....)	DG65	1 300)
(From Summer Session, 1932.....)	DG10	300)
(Total salary.....)		2 100)
<i>Total, Industrial Education.....</i>		<u>\$12 650</u>

**COLLEGE OF ENGINEERING AND ENGINEERING  
EXPERIMENT STATION**

Summary

	Salaries	Expense and Equipment	Total
Administration.....	\$ 18 460 00	\$ 4 900 00	\$ 23 360 00
Ceramic Engineering.....	24 980 00	5 480 00	30 460 00
Civil Engineering.....	60 400 00	4 700 00	65 100 00
Electrical Engineering.....	49 860 00	6 100 00	55 960 00
General Engineering Drawing.....	37 300 00	2 200 00	39 500 00
Mechanical Engineering.....	109 250 00	14 125 00	123 375 00
Mining Engineering.....	16 000 00	1 000 00	17 000 00
Physics.....	77 166 00	8 850 00	86 016 00
Railway Engineering.....	21 000 00	1 980 00	22 980 00
Theoretical and Applied Mechanics....	53 200 00	5 000 00	58 200 00
<i>Total, College.....</i>	( 467 616 00)	( 54 335 00)	( 521 951 00)
Engineering Experiment Station.....	70 910 00	24 305 00	95 215 00
Coal Mines Investigation.....	3 600 00	1 800 00	5 400 00
<i>Grand Total.....</i>	<u>\$542 126 00</u>	<u>\$ 80 440 00</u>	<u>\$622 566 00</u>

## Expendable Gift Funds

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<b>Ceramics</b>			
Boiler Furnace Refractories.....			1
Clay Sewer Pipe.....	\$ 3 300		\$ 3 300
Drying of Clay Wares.....			1
Enameling on Sheet Steel.....			1
Feldspar Investigation.....			1
Ageing of Porcelain.....	3 000	\$ 3 000	6 000
<b>Chemical Engineering</b>			
Partial Oxidation Research.....	3 000	3 500	6 500
Chemical Reactions of Methane Gas.....	3 000	2 000	5 000
Effects of Products of Combustion on Flue Pip- ing and Chimneys.....	4 000		4 000
Gas Engineering Short Course.....		1 000	1 000
Ice Making at Low Brine Temperatures.....	4 000		4 000
Illinois Gas Association Graduate Assistantship in Research.....	1 200		1 200
Solubility of Boiler Waters.....	4 000		4 000
Stack Gases.....	8 000	1 000	9 000
<b>Civil Engineering</b>			
Jointing Materials for Sewer Pipe.....			1
Reinforced Concrete Arches Investigation.....	3 900	11 100	15 000
Concrete with Light Aggregate.....			1
Cylindrical Shells as Columns.....	600	500	1 100
High Temperature Fatigue of Metals.....			1
Joints in Wide Plates.....	600	500	1 100
Tests of Large Rollers.....			1
Sewage Aeration.....	1 200	1 000	2 200
Timber Floors.....	1 200	400	1 600
<b>Electrical Engineering</b>			
Testing High Voltage Cables.....	2 400	1 200	3 600
Electrical Metermen's Short Course.....		700	700
<b>Mechanical Engineering</b>			
Heating and Ventilating Research.....	4 100	900	5 000
Warm Air Furnace Research.....	3 700	1 300	5 000
Steam and Hot Water Heating.....			1
<b>Railway Engineering</b>			
Locomotive Syphon Tests.....			1
Brake Shoe Friction Tests.....	1 800		1 800
<b>Theoretical and Applied Mechanics</b>			
Cast Iron Pipe Investigation.....			1
Concrete Columns Investigation.....		1 500	1 500
Car Axle Failures.....			1
Stresses in Elevated Structures and Equipment.....	3 600	3 150	6 750
Fissures in Steel Rails.....			1
Stretching of Lead Sheaths.....	2 600		2 600
Concrete Masonry Walls.....			1
Rails Investigation.....	10 700	39 300	50 000
Estimated Additional Funds <sup>2</sup> .....	20 000 <sup>3</sup>	10 000	30 000
<b>Total, Expendable Gift Funds.....</b>	<b>\$ 89 900</b>	<b>\$ 82 050</b>	<b>\$171 950</b>

<sup>1</sup>Balance June 30, 1931, to be expended in 1931-32.<sup>2</sup>Estimated new funds, renewals of current funds and June 30, 1931, balances.<sup>3</sup>Estimated salaries. No appointments included in Budget.

**Administration**

		<i>Salary</i>
1. M. S. Ketchum, Dean of the College of Engineering and Director of the Engineering Experiment Station . . . .	A	8 500
2. H. H. Jordan, Assistant Dean of the College of Engineering (See General Engineering Drawing . . . . .)	DG20 AG80	1 500 5 500
(Total Salary . . . . .)		7 000
3. Marie Huber, Assistant to the Dean (Exempt) . . . . .	D	2 400
4. _____, Stenographer (C. S.) . . . . .		1 200
5. Hertha Bowman, Stenographer (C. S.) . . . . .		1 320
6. Lucile Small, Stenographer (C. S.) . . . . .		1 200
7. _____, Stenographer (C. S.) . . . . .		1 140
8. Elsie M. Briney, Stenographer (C. S.) . . . . .		1 200
<i>Total, Administration . . . . .</i>		<u>\$ 18 960</u>

**Ceramic Engineering**

1. C. W. Parmelee, Professor of Ceramic Engineering and Head of the Department . . . . .	A	\$6 500
2. R. K. Hursh, Professor . . . . .	A	4 500
3. A. I. Andrews, Associate Professor . . . . .	A	4 300
4. C. L. Thompson, Instructor . . . . .	E	2 500
5. E. G. Bourne, Laboratory Demonstrator and Potter . . . . .	D	2 300
6. W. B. McDevitt, Assistant Laboratory Demonstrator . . . . .	D	2 000
7. J. H. Cain, Laboratory Attendant (C. S.) . . . . .		1 800
8. Lillian Marr, Clerk and Stenographer (C. S.) . . . . .		1 080
<i>Total, Ceramic Engineering . . . . .</i>		<u>\$ 24 980</u>

**Civil Engineering**

1. W. C. Huntington, Professor of Civil Engineering and Head of the Department . . . . .	A	\$ 7 500
2. H. Cross, Professor of Structural Engineering . . . . .	A	5 000
3. H. E. Babbitt, Professor of Sanitary Engineering . . . . .	A	5 000
4. J. S. Crandell, Professor of Highway Engineering . . . . .	A	5 000
5. G. W. Pickels, Professor of Civil Engineering . . . . .	A	4 200
6. C. C. Wiley, Associate Professor of Highway Engineering . . . . .	A	3 600
7. T. C. Shedd, Associate Professor of Structural Engineering . . . . .	A	3 800
8. J. J. Doland, Associate Professor . . . . .	A	4 000
9. J. Vawter, Associate Professor . . . . .	A	3 700
10. W. H. Rayner, Assistant Professor . . . . .	D	3 300
11. E. E. Bauer, Assistant Professor . . . . .	B	3 000
12. F. W. Stubbs, Assistant Professor . . . . .	B	3 300
13. G. H. Dell, Instructor . . . . .	E	2 900
14. W. A. Oliver, Instructor . . . . .	E	2 600
15. K. C. Tippy, Instructor . . . . .	E	1 900
16. L. Louise Gibson, Secretary (C. S.) . . . . .		1 600
<i>Total, Civil Engineering . . . . .</i>		<u>\$ 60 400</u>

**Electrical Engineering**

1. E. B. Paine, Professor of Electrical Engineering and Head of the Department . . . . .	A	\$ 7 000
2. M. Brooks, Professor, <i>Emeritus</i> . . . . .		1 800
3. E. H. Waldo, Associate Professor . . . . .	A	3 500
4. A. R. Knight, Associate Professor . . . . .	A	3 500
5. E. A. Reid, Associate Professor . . . . .	A	3 800
6. H. A. Brown, Assistant Professor . . . . .	A	4 000
7. H. J. Reich, Assistant Professor . . . . .	D	3 600
8. C. A. Keener, Assistant Professor . . . . .	D	3 300
9. J. O. Kraehenbuehl, Assistant Professor . . . . .	D	3 300
10. M. A. Faucett, Associate . . . . .	D	2 800
11. C. E. Skroder, Associate . . . . .	D	2 800
12. L. B. Archer, Associate . . . . .	D	2 800

		<i>Salary</i>
13. L. L. Smith, Instructor.....	E	2 200
14. H. N. Hayward, Instructor.....	E	2 200
15. W. S. Goodspeed, Mechanician (C. S.).....		2 000
16. Marcia Hopperstad, Clerk and Stenographer (C. S.).....		1 260
<i>Total, Electrical Engineering.....</i>		<i>\$ 49 860</i>

#### General Engineering Drawing

1. H. H. Jordan, Professor of General Engineering Drawing and Head of the Department.....	AG80	\$ 5 500
(See Engineering College Administration.....)	DG20	1 500)
(Total salary.....)		7 000)
2. R. P. Hoelscher, Professor.....	A	4 500
3. F. M. Porter, Assistant Professor.....	B	3 300
4. C. H. Springer, Assistant Professor.....	B	3 000
5. R. S. Crossman, Associate.....	D	2 600
6. A. Jorgensen, Associate.....	D	2 700
7. S. G. Hall, Associate.....	D	2 700
8. L. D. Walker, Instructor.....	E	2 400
9. P. E. Nielsen, Instructor.....	E	2 100
10. H. M. Fitch, Instructor.....	E	2 400
11. L. D. Doty, Instructor.....	E	2 300
12. H. H. Black, Instructor.....	E	1 900
13. J. T. Lendrum, Instructor.....	E	1 900
<i>Total, General Engineering Drawing.....</i>		<i>\$ 37 300</i>

#### Mechanical Engineering

1. A. C. Willard, Professor of Heating and Ventilation and Head of the Department of Mechanical Engineering.....	A	\$ 9 000
2. O. A. Leutwiler, Professor of Mechanical Engineering De- sign.....	A	6 500
3. J. A. Polson, Professor of Steam Engineering.....	A	5 500
4. C. H. Casberg, Professor of Mechanical Engineering.....	A	5 500
5. C. W. Ham, Professor of Machine Design.....	A	5 100
6. H. J. Macintire, Professor of Refrigeration.....	A	4 300
7. W. H. Severns, Professor.....	A	4 300
8. J. A. Goff, Associate Professor of Thermodynamics.....	A	4 500
9. M. R. Riddell, Associate Professor of Aeronautical Engi- neering.....	A	.....
Assistant to the Director of the Engineering Experiment Station.....	B	.....
(Salary under Engineering Experiment Station)		
10. W. N. Espy, Assistant Professor.....	D	3 400
11. P. E. Mohn, Assistant Professor.....	D	3 000
12. P. E. Henwood, Associate in Machine Design.....	D	2 800
13. F. H. Thomas, Associate.....	D	3 000
14. E. T. Lanham, Associate.....	B	2 800
15. B. R. Hall, Associate.....	B	2 400
16. J. F. Wooddell, Associate.....	D	3 000
17. P. H. Black, Instructor.....	E	2 200
18. J. C. Reed, Instructor.....	E	2 200
19. R. F. Larson, Instructor.....	E	2 300
20. D. G. Ryan, Instructor.....	E	2 400
21. E. E. Ambrosius, Instructor.....	E	2 200
22. J. R. Fellows, Instructor.....	E	2 000
23. C. J. Starr, Instructor.....	D	2 500
24. C. E. Schubert, Instructor.....	D	2 500
25. A. D. Wright, Instructor.....	D	2 200
26. R. L. Scolah, Assistant.....	D	2 400
27. C. E. Derrough, Assistant.....	D	2 300

	<i>Salary</i>
28. E. B. Corbin, Mechanician in the Shop Laboratories (C. S.)	2 000
29. G. J. Oehmke, Mechanician in the Mechanical Engineering Laboratory (C. S.)	2 000
30. M. W. Hoag, Mechanician in the Mechanical Engineering Laboratory (C. S.)	2 000
31. C. G. Bradley, Mechanician in the Mechanical Engineering Laboratory (C. S.)	2 000
32. T. E. Parsons, Assistant Mechanician in the Shop Laboratories (C. S.)	1 500
33. M. B. Singer, Assistant Mechanician in the Shop Laboratories (C. S.)	1 500
34. W. C. Clark, Assistant Mechanician in the Shop Laboratories (C. S.)	E 1 250
35. I. E. Douglas, Tool-room Attendant in the Mechanical Engineering Laboratory (C. S.)	1 300
36. C. D. Floyd, Tool-room Attendant in the Machine Laboratory (C. S.)	1 200
37. J. H. Huffer, Tool-room Attendant in the Pattern Laboratory (C. S.)	E 1 100
38. Mrs. Beulah Dent, Secretary (C. S.)	1 900 <sup>1</sup>
39. Mrs. Irene Glotfelty, Clerk and Stenographer (C. S.)	1 200
<i>Total, Mechanical Engineering</i>	<u>\$109 250</u>
<b>Mining Engineering</b>	
1. A. C. Callen, Professor of Mining Engineering and Head of the Department	A 7 000
2. D. R. Mitchell, Assistant Professor	D 3 300
3. H. P. Nicholson, Instructor	E 2 700
4. H. J. VanDerbeek, Mechanician (C. S.)	1 800
5. Vannie L. Sheiry, Clerk and Stenographer (C. S.)	1 200
<i>Total, Mining Engineering</i>	<u>\$ 16 000</u>
<b>Physics</b>	
1. F. Loomis, Professor of Physics and Head of the Department	A \$7 500
2. A. P. Carman, Professor, <i>Emeritus</i>	3 000
3. C. T. Knipp, Professor of Experimental Electricity	A 6 000
4. F. R. Watson, Professor of Experimental Physics	A 6 000
5. J. Kunz, Professor of Mathematical Physics	A 5 300
6. W. F. Schulz, Associate Professor	A 3 600
7. E. H. Williams, Associate Professor of Experimental Physics	A 3 800
8. R. F. Paton, Associate Professor	A 4 000
9. P. G. Kruger, Assistant Professor	B 3 000
10. J. H. Bartlett, Jr., Assistant Professor of Theoretical Physics	D 3 000
11. H. M. Mott-Smith, Associate	D 2 700
12. G. M. Almy, Associate	D 2 500
13. C. E. Ireland, Assistant	EG50 800
14. C. D. Hause, Assistant	EG50 800
15. P. C. Ludolph, Assistant	EG75 1 200
16. F. M. Sparks, Assistant	EG50 700
17. J. J. Gibbons, Jr., Assistant	EG50 700
18. C. N. Challacombe, Assistant	EG50 700
19. _____, Assistant	EG50 700
20. M. C. Watson, Assistant	EG50 700
21. M. P. Rassweiler, Assistant	EG50 700
22. R. T. Young, Jr., Assistant	EG50 700
23. S. G. Weissberg, Assistant	EG50 700
24. T. F. Watson, Assistant	EG50 700
25. R. K. Cook, Assistant	EG50 700

<sup>1</sup>Subject to approval of Civil Service Commission.

		<i>Salary</i>
26.	—————, Assistant .....	EG <sub>50</sub> 700
27.	—————, Assistant .....	EG <sub>50</sub> 700
28.	—————, Assistant .....	EG <sub>50</sub> 700
29.	G. R. Irwin, Assistant .....	EG <sub>50</sub> 700
30.	—————, Assistant .....	EG <sub>50</sub> 700
31.	R. B. Horsfall, Jr., Assistant .....	EG <sub>50</sub> 700
32.	—————, Assistant .....	EG <sub>50</sub> 700
33.	—————, Assistant .....	EG <sub>50</sub> 700
34.	—————, Assistant .....	EG <sub>50</sub> 700
35.	G. D. Rahrer, Assistant .....	EG <sub>50</sub> 700
36.	—————, Assistant .....	EG <sub>50</sub> 700
37.	C. W. Fieg, Mechanician (C. S.) .....	1 900
38.	W. C. Deem, Assistant Mechanician (C. S.) .....	1 700
39.	DaVon Smith, Assistant Mechanician (C. S.) .....	1 600
40.	H. T. Wyninger, Storekeeper and Lecture Attendant (C. S.) .....	1 700
41.	Della M. Rogers, Secretary (C. S.) .....	1 600
42.	A. Tornquist, Mechanician, <i>Retired</i> .....	766
<i>Total, Physics</i> .....		<hr/> \$77 166
<b>Railway Engineering</b>		
1.	E. C. Schmidt, Professor of Railway Engineering and Head of the Department .....	A \$ 6 500
2.	E. E. King, Professor of Railway Civil Engineering .....	A 4 800
3.	J. K. Tuthill, Associate Professor of Railway Electrical Engineering .....	A 3 800
4.	H. J. Schrader, Associate in Railway Mechanical Engineering .....	D 2 900
5.	H. R. Higgins, Mechanician (C. S.) .....	1 800
6.	Mollie M. Faullin, Clerk and Stenographer (C. S.) .....	1 200
<i>Total, Railway Engineering</i> .....		<hr/> \$21 000
<b>Theoretical and Applied Mechanics</b>		
1.	M. L. Enger, Professor of Mechanics and Hydraulics and Head of the Department of Theoretical and Applied Mechanics .....	A \$ 7 500
2.	A. N. Talbot, Professor of Municipal and Sanitary Engineering, <i>Emeritus</i> .....	3 000
3.	F. B. Seely, Professor .....	6 000
4.	H. M. Westergaard, Professor .....	5 000
5.	N. E. Ensign, Associate Professor .....	4 000
6.	W. J. Putnam, Associate Professor .....	4 000
7.	J. O. Draffin, Associate Professor .....	3 800
8.	V. R. Fleming, Assistant Professor .....	B 3 600
9.	W. L. Schwalbe, Associate .....	D 2 800
10.	W. M. Lansford, Instructor .....	E 2 300
11.	W. L. Collins, Instructor .....	E 2 200
12.	E. W. Suppiger, Instructor .....	E 2 200
13.	T. J. Dolan, Instructor .....	E 2 100
14.	R. Pergande, Mechanician (C. S.) .....	2 000
15.	A. J. Nickerson, Assistant and Storekeeper (C. S.) .....	1 500
16.	—————, Clerk and Stenographer (C. S.) .....	1 200
<i>Total, Theoretical and Applied Mechanics</i> .....		<hr/> \$53 200
<b>Engineering Experiment Station</b>		
1.	M. S. Ketchum, Dean of the College of Engineering and Director of the Engineering Experiment Station .....	A .....
(Salary under College Administration)		
2.	D. B. Keyes, Professor of Industrial Chemistry in the Department of Chemistry .....	A \$ 3 250
(See Department of Chemistry .....		3 250)
(Total salary .....		6 500)

		<i>Salary</i>
3. H. F. Moore, Research Professor of Engineering Materials.	A	8 000
4. W. M. Wilson, Research Professor of Structural Engineering	A	6 300
5. A. P. Kratz, Research Professor of Mechanical Engineering (Paid from Warm Air Furnace Research Funds, see below (Total salary.....	A	5 300 700) 6 000)
6. E. G. Young, Research Professor of Railway Mechanical Engineering.....	A	4 200
7. J. T. Tykociner, Research Professor of Electrical Engineer- ing.....	A	5 000
8. F. E. Richart, Research Professor of Engineering Materials	A	5 300
9. M. R. Riddell, Associate Professor of Aeronautical Engi- neering.....	A	.....
Assistant to the Director.....	B	4 000
10. R. L. Brown, Research Associate in Theoretical and Applied Mechanics.....	D	2 600
11. S. Swann, Jr., Research Associate in Chemical Engineering	D	2 700
12. E. L. Broderick, Research Assistant in Mechanical Engi- neering.....	D	2 000
13. A. E. Badger, Research Assistant in Ceramic Engineering.	D	2 400
14. A. E. Hershey, Research Assistant in Mechanical Engineer- ing.....	D	2 700
15. J. G. Lowther, Research Assistant in Mechanical Engineer- ing.....	D	2 200
16. R. K. Smith, Research Graduate Assistant in Ceramic Engi- neering (2 yrs. of 10 mos. each from Sept. 1, 1930)	F	600
17. R. E. Nusbaum, Research Graduate Assistant in Physics (2 yrs. of 10 mos. each from Sept. 1, 1930).....	F	600
18. T. G. Taylor, Research Graduate Assistant in Theoretical and Applied Mechanics (2 yrs. of 10 mos. each from Sept. 1, 1930).....	F	600
19. _____, Research Graduate Assistant (2 yrs. of 10 mos. each from Sept. 1, 1931).....	F	600
20. _____, Research Graduate Assistant (2 yrs. of 10 mos. each from Sept. 1, 1931).....	F	600
21. M. W. Woodruff, Research Graduate Assistant in Electrical Engineering (2 yrs. of 10 mos. each from Sept. 1, 1931)	F	600
22. H. E. Gross, Research Graduate Assistant in Mining Engi- neering (2 yrs. of 10 mos. each from Sept. 1, 1931)....	F	600
23. _____, Research Graduate Assistant (2 yrs. of 10 mos. each from Sept. 1, 1931).....	F	600
24. _____, Research Graduate Assistant (2 yrs. of 10 mos. each from Sept. 1, 1931).....	F	600
25. W. T. Pope, Mechanician for research work in Civil Engi- neering (C. S.).....		2 000
26. G. H. Powers, Mechanician for research work in Electrical Engineering (C. S.).....		1 600
27. E. F. Heater, Draftsman (C. S.).....		2 300
28. Wilhelmina Luther, Editorial Assistant (C. S.).....		1 800
29. Harriet Postlewait, Clerk and Stenographer (C. S.).....		1 500
30. Dorsie R. Baize, Stenographer (C. S.).....		360
(See Chemistry.....	G33	780)
(Total salary.....	G67	1 140)
<i>Total, General University Funds</i> .....		(\$70 910)

#### Expendable Gift Funds for Research Projects

##### *Rails Investigation*

- |   |   |          |
|---|---|----------|
| 1. H. R. Thomas, Special Research Professor of Engineering<br>Materials (Until further notice).....               | F | \$ 5 300 |
| 2. N. J. Alleman, <sup>1</sup> Special Research Assistant in Engineering<br>Materials (Until further notice)..... | F | 3 000    |

<sup>1</sup>Mr. Alleman may also be paid from Stretching of Lead Sheaths.

3. J. L. Bisesi, Special Research Assistant in Engineering Materials (Until further notice).....	F	<i>Salary</i> 2 400
<i>(1) Stresses in Elevated Structures and (2) Stretching of Lead Sheaths</i>		
1. N. H. Roy, Special Research Assistant Professor of Engineering Materials (Until further notice).....	F	3 600
2. B. B. Betty, Special Research Assistant in Engineering Materials (Until further notice).....	F	2 600
<i>Ice Making at Low Brine Temperatures</i>		
1. Dana Burks, Jr., Special Research Assistant Professor of Chemical Engineering (Until further notice).....	F	4 000
<i>Solubility of Boiler Waters</i>		
1. F. G. Straub, Special Research Assistant Professor of Chemical Engineering (Until further notice).....	F	4 000
<i>Stack Gases</i>		
1. H. F. Johnstone, Special Research Assistant Professor of Chemical Engineering (Until further notice).....	F	4 000
2. R. D. Snow, Special Research Assistant Professor of Chemical Engineering (Until further notice).....	F	4 000
<i>Heating and Ventilating</i>		
1. M. K. Fahnestock, Special Research Assistant Professor of Mechanical Engineering (Until further notice).....	F	3 500
2. H. F. Irving, Special Research Graduate Assistant in Mechanical Engineering.....	EG <sub>50</sub>	600
<i>Effects of Products of Combustion on Flue Piping and Chimneys</i>		
1. A. C. Robertson, Special Research Associate in Chemical Engineering (Until further notice).....	F	4 000
<i>Partial Oxidation</i>		
1. _____, Special Research Assistant (Until further notice).....	F	3 000
<i>Reactions of Methane Gas</i>		
1. P. E. Peters, Special Research Associate (Until further notice).....	F	3 000
<i>Warm Air Furnace Research</i>		
1. A. P. Kratz, Research Professor of Mechanical Engineering (From Engineering Experiment Station.....	A	700
(Total Salary.....		5 300)
2. S. Konzo, Special Research Associate in Mechanical Engineering (Until further notice).....	F	3 000
<i>Methods of Testing Cables</i>		
1. L. P. Morris, Special Research Assistant in Electrical Engineering (Until further notice).....	F	2 400
<i>Clay Sewer Pipe</i>		
1. W. R. Morgan, Special Research Assistant in Ceramic Engineering (Until further notice).....	F	3 300
<i>Ageing of Porcelain</i>		
1. A. J. Monack, Special Research Assistant in Ceramic Engineering (Until further notice).....	F	2 400
2. D. H. Wamsley, Special Research Graduate Assistant in Ceramic Engineering.....	EG <sub>50</sub>	600
<i>Illinois Gas Association Research Graduate Assistantships</i>		
1. R. H. McCormack, Special Research Graduate Assistant in Gas Engineering (2 yrs. of 10 mos. each from Sept. 1, 1931).....	FG <sub>50</sub>	600
2. _____, Special Research Graduate Assistant in Gas Engineering (2 yrs. of 10 mos. each from Sept. 1, 1931)	FG <sub>50</sub>	600

*Reinforced Concrete Arches*

		<i>Salary</i>
1. R. W. Kluge, Special Research Assistant in Civil Engineering (Until further notice).....	F	2 700
2. W. M. Honour, Special Research Graduate Assistant in Civil Engineering (Until Feb. 1, 1932).....	FG50	600
3. Glenn Murphy, Special Research Graduate Assistant in Civil Engineering.....	EG50	600

*Cylindrical Shells as Columns*

1. N. M. Newmark, Special Research Graduate Assistant in Civil Engineering.....	EG50	600
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*Joints in Wide Plates*

1. C. O. Harris, Special Research Graduate Assistant in Civil Engineering.....	EG50	600
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*Timber Floors*

1. L. F. Buran, Special Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1930).....	FG50	600
2. G. E. Jewett, Special Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1930).....	FG50	600

*Aeration of Sewage*

1. W. R. Hildeman, Special Research Graduate Assistant in Civil Engineering.....	EG50	600
2. G. C. Unger, Special Research Graduate Assistant in Civil Engineering.....	EG50	600

*Brake Shoe Friction Tests*

1. C. E. Morgan, Special Research Assistant in Railway Engineering (Until further notice).....	F	1 800
<i>Total, Special Funds</i> .....		(69 900)
<i>Grand Total, Engineering Experiment Station</i> .....		<u>\$140 810</u>

**Cooperative Mines Investigation**

1. C. M. Smith, Research Assistant Professor of Mining Engineering.....	D	\$ 3 600
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**COLLEGE OF AGRICULTURE  
AND AGRICULTURAL EXPERIMENT STATION**

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 25 770 00	\$ 10 800 00	\$ 36 570 00
Agricultural Economics.....	5 775 00		5 775 00
Agricultural College Extension.....	10 680 00	7 250 00	17 930 00
Agronomy.....	116 200 00	77 085 00	193 285 00
Soil Survey Reports, Printing.....		7 500 00	7 500 00 <sup>a</sup>
Animal Husbandry.....	96 010 00	143 185 00	239 195 00
Dairy Husbandry.....	53 270 00	64 320 00	117 590 00
Farm Mechanics.....	18 720 00	9 250 00	27 970 00
Farm Organization and Management	28 350 00	7 950 00	36 300 00
Home Economics.....	51 270 00	7 606 00	58 876 00
Horticulture.....	76 140 00	77 570 00	153 710 00
<i>Sub-total</i> .....	(482 185 00)	(412 516 00)	(894 701 00)
<b>Revolving Funds</b>			
Dairy Creamery.....	3 867 00	90 225 00	94 092 00
Dairy Creamery Short Course.....			
Home Economics Cafeteria.....	1 500 00	11 180 00	12 680 00
Extension Revolving.....		2 000 00	2 000 00
<i>Sub-total</i> .....	(487 552 00)	(515 921 00)	(1 003 473 00)
Cook County Experiment Station...	2 800 00	13 100 00	15 900 00
Purnell Fund.....	37 328 56 <sup>1</sup>	22 671 44	60 000 00
Smith-Lever Fund.....	178 107 50 <sup>1</sup>	42 203 90	220 311 40
Capper-Ketcham Fund.....	33 662 50 <sup>1</sup>	4 798 51	38 461 01
Additional Cooperative Fund.....	27 900 00	3 100 00	31 000 00
<i>Grand Total</i> .....	<u>\$767 350 56</u>	<u>\$601 794 85</u>	<u>\$1 369 145 41</u>

Resources for Budget

	<i>University and Federal Funds</i>	<i>Estimated Receipts<sup>2</sup></i>
Administration.....	\$ 36 570 00	
Agricultural Economics.....	5 775 00	
Agricultural College Extension.....	17 930 00	
Agronomy.....	182 485 00	\$10 800 00
Soil Survey Reports, Printing.....	7 500 00	
Animal Husbandry.....	185 545 00	53 650 00
Dairy Husbandry.....	82 090 00	35 500 00
Farm Mechanics.....	27 670 00	300 00
Farm Organization and Management	36 300 00	
Home Economics.....	58 876 00	
Horticulture.....	128 210 00	25 500 00
<i>Sub-total</i> .....	(768 951 00)	(125 750 00)
<b>Revolving Funds</b>		
Dairy Creamery.....		94 092 00
Dairy Creamery Short Course.....		
Home Economics Cafeteria.....		12 680 00
Extension Revolving.....		2 000 00
<i>Sub-total</i> .....	(768 951 00)	(234 522 00)
Cook County Experiment Station.....	15 000 00	900 00
Purnell Fund.....	60 000 00	
Smith-Lever Fund.....	220 311 40	
Capper-Ketcham Fund.....	38 461 01	
Additional Cooperative Fund.....	31 000 00	
<i>Grand Total</i> .....	<u>\$1 133 723 41</u>	<u>\$235 422 00</u>

<sup>1</sup>Unused balances in salary budget items may be transferred to expense and equipment budgets by the Director.

<sup>2</sup>Unexpended balance will lapse September 30, 1932.

<sup>3</sup>Expenditures may not exceed actual receipts if less than estimate.

Estimated College-Station Distribution

	<i>College</i>	<i>Station</i>
Administration.....	\$ 12 950 00	\$ 23 620 00
Agricultural Economics.....		5 775 00
Agricultural College Extension.....	17 930 00	
Agronomy.....	33 741 81	159 543 19
Soil Survey Reports, Printing.....		7 500 00
Animal Husbandry.....	77 651 63	161 543 37
Dairy Husbandry.....	59 870 83	57 719 17
Farm Mechanics.....	15 206 67	12 763 33
Farm Organization and Management.....	6 550 00	29 750 00
Home Economics.....	58 876 00	
Horticulture.....	80 032 00	73 678 00
<i>Sub-total</i> .....	(362 808 94)	(531 892 06)
Revolving Funds		
Dairy Creamery.....	94 092 00	
Dairy Creamery Short Course.....		
Home Economics Cafeteria.....	12 680 00	
Extension Revolving.....	2 000 00	
<i>Sub-total</i> .....	(471 580 94)	(531 892 06)
Cook County Experiment Station.....		15 900 00
Purnell Fund.....		60 000 00
Smith-Lever Fund.....	220 311 40	
Capper-Ketcham Fund.....	38 461 01	
Additional Cooperative Fund.....	31 000 00	
<i>Grand Total</i> .....	<u>\$761 353 35</u>	<u>\$607 792 06</u>

Expendable Gift Funds

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Agronomy			
Nitrate of Soda Effect on Soil.....			1
Phosphate Rock as Fertilizer.....	\$ 1 110 00	\$ 15 00	\$ 1 125 00
Potash Effect on Crop Production.....	1 110 00		1 110 00
Dairy Husbandry			
Marketability of Fluid Milk.....	1 100 00	100 00	1 200 00
Farm Organization and Management			
Transmission Lines.....		1 500 00	1 500 00
Home Economics			
Carotene Research.....		1 000 00	1 000 00
Horticulture			
Cannery Crops.....	2 400 00	2 600 00	5 000 00
Sweet Corn Investigation.....	4 500 00	500 00	5 000 00
Use of Blood Albumen in Spray Materials.....			1
Estimated Additional Funds <sup>2</sup> .....		2 000 00	2 000 00
<i>Total</i> .....	<u>\$10 220 00</u>	<u>\$ 7 715 00</u>	<u>\$17 935 00</u>

Administration

	<i>Salary</i>
C—College; S—Station; E—Extension	
1. E. Davenport, Dean and Professor, <i>Emeritus</i> .....	\$ 3 900
2. H. W. Mumford, Dean, College of Agriculture (C); Director, Agricultural Experiment Station (S); Director, Agricultural Extension Service (E); Professor of Animal Husbandry (C).....	A 6 900
(See Smith-Lever.....)	2 100)
(Total salary.....)	9 000)

<sup>1</sup>Balance June 30, 1931, to be expended in 1931-32.

<sup>2</sup>Estimated new funds, renewals of current funds, and June 30, 1931, balances.

		<i>Salary</i>
3. G. L. Jordan, Assistant to the Dean of the College of Agriculture, and to the Director of the Agricultural Experiment Station and Agricultural Extension Service (CS&E).....	D	1 100
(See Smith-Lever.....)		1 100)
(See Purnell.....)		1 100)
(Total salary.....)		3 300)
4. D. E. Lindstrom, Associate in Rural Sociology (E&S).....	D	.....
(See Smith-Lever.....)		1 450)
(See Purnell.....)		1 350)
(Total salary.....)		2 800)
5. W. P. Flint, Entomologist and Associate Professor (S).....	DG	1 000
6. Anna C. Glover, Secretary of Agricultural Experiment Station, Manager of Publications (S) (Fed.).....	B	3 100
(See Purnell.....)		100)
(Total salary.....)		3 200)
7. F. J. Keilholz, Extension Editor (S&E) (Fed.).....	B	250
(See Smith-Lever.....)		3 750)
(Total salary.....)		4 000)
8. Blanche Penrod, Editorial Assistant (C. S.) (S&E) (Fed.)..	D	1 900
(See Smith-Lever.....)		100)
(Total salary.....)		2 000)
9. Mabel Deere, Editorial Assistant (C. S.) (S).....	D	1 800
10. Margaret E. Shannon, Specialist in Office Organization and Management (S&E) (Fed.).....	D	.....
(See Smith-Lever.....)		1 730)
(See Purnell.....)		470)
(Total salary.....)		2 200)
11. Catherine Davey, Secretary to Dean and Director (Exempt)	D	1 800
12. Bess Riggs, Chief Clerk (C. S.).....		1 800
13. Lucy Coe, Stenographer (C. S.).....		1 140
14. Helen Sears, Stenographer (C. S.).....		.....
(See Purnell.....)		1 200)
15. _____, Stenographer (C. S.).....		1 080
<i>Total, Administration</i> .....		\$ 25 770

**Agricultural Economics  
(Agricultural Experiment Station)**

1. C. L. Stewart, Chief, Agricultural Economics (S).....	BG50	\$2 500 00
(See College of Commerce.....)	AG50	2 500 00)
(See Purnell.....)		555 56)
(See Summer Session, 1931.....)		277 77)
(Total salary.....)		5 833 33)
2. L. J. Norton, Assistant Chief (S).....	BG50	1 900 00
(See College of Commerce.....)	BG50	1 900 00)
(See Purnell.....)		583 33)
(Total salary.....)		4 383 33)
3. R. W. Bartlett, First Assistant (S).....	EG50	1 375 00
(See College of Commerce.....)	EG50	1 375 00)
(See Purnell.....)		416 67)
(Total salary.....)		3 166 67)
4. G. M. Francis, Assistant (S) (2 months from July 1)...	F	.....
(See Purnell.....)		400 00)
5. E. L. McBride, Research Assistant (S).....	DG50	.....
(See Purnell.....)		720 00)
6. F. A. Plastino, Research Assistant (S).....	DG50	.....
(See Purnell.....)		720 00)
7. S. C. Lee, Research Assistant (S).....	DG25	.....
(See Purnell.....)		360 00)
8. C. J. Bradley, Research Assistant (S).....	DG25	.....
(See Purnell.....)		360 00)

		<i>Salary</i>
9. _____, Stenographer (Fed.).....	D	.....
(See Purnell.....)		1 200 00)
<i>Total, Agricultural Economics.....</i>		<i>\$ 5 775 00</i>
<b>Agricultural College Extension</b>		
1. F. H. Rankin, Superintendent, Agricultural College Extension.....	A	.....
Assistant Dean.....	D	\$ 5 000
2. W. H. Young, Associate.....	B	2 800
3. Alice V. Hamilton, Secretary to Assistant Dean (C. S.)....		1 800
4. Mrs. Helen N. Poole, Stenographer (C. S.).....		1 080
<i>Total, Agricultural College Extension.....</i>		<i>\$ 10 680</i>
<b>Agronomy</b>		
1. W. L. Burlison, Professor and Chief, Crop Production (C&S), Head of Department.....	A	\$ 7 500
2. C. F. Hottes, Consulting Plant Physiologist (S).....	DG17	1 050
(See Department of Botany.....)	AG83	5 250)
(Total salary.....)		6 300)
3. L. H. Smith, Chief in charge of Publications of Soil Survey (S).....	A	4 500
4. F. C. Bauer, Professor, Soil Extension (E), Chief, Soils Experiment Fields (S).....	A	4 750
(See Smith-Lever.....)		250)
(Total salary.....)		5 000)
5. J. C. Hackleman, Professor and Chief, Crops Extension (E&S) (Salary under Smith-Lever.....)	B	4 800)
6. E. E. DeTurk, Professor and Chief, Soil Technology (C&S), in charge of Soil Analysis of Soil Survey.....	B	4 250
7. R. S. Smith, Professor and Chief, Soil Physics (C&S), in charge of identification and mapping of soil types....	B	5 000
8. C. M. Woodworth, Professor and Chief, Plant Genetics (C&S).....	B	4 500
9. O. H. Sears, Associate Professor and Associate Chief, Soil Biology (C&S).....	B	4 000
10. J. J. Pieper, Associate Professor and Associate Chief, Crop Production (C&S).....	B	4 000
11. G. H. Dungan, Associate Professor and Associate Chief, Crop Production (C&S).....	B	4 000
12. B. Koehler, Associate Chief, Crop Pathology (S).....	B	4 000
13. H. J. Snider, Assistant Chief, Soil Experiment Fields (S)...	B	3 300
14. D. C. Wimer, Assistant Professor and Assistant Chief, Soil Physics (C&S).....	B	3 250
15. E. A. Norton, Assistant Chief, Soil Survey Mapping (S)...	B	3 400
16. C. M. Linsley, Assistant Professor, Soils Extension (E)...		.....
(Salary from Smith-Lever.....)	B	3 400)
17. A. L. Lang, Assistant Chief, Soil Experiment Fields (S)...	B	2 700
18. F. H. Crane, Assistant Professor and Assistant Chief, Soil Fertility (C&S).....	B	2 800
19. R. S. Stauffer, Associate, Soil Physics and Soil Survey Mapping (C&S).....	B	2 500
20. C. J. Badger, Associate, Soil Experiment Fields (S).....	B	2 100
21. R. H. Bray, Associate, Soil Survey Analysis (S).....	B	2 700
22. W. J. Mumm, Associate, Plant Breeding (C&S).....	B	2 500
23. O. T. Bonnett, Associate, Plant Breeding (C&S).....	B	2 300
24. L. B. Miller, Associate, Soil Experiment Fields (S).....	B	2 200
25. _____, Associate, Grain Marketing Technology (C&S).....	D	1 000
(See Purnell Fund.....)		2 800)
(Total salary.....)		3 800)

		<i>Salary</i>
26.	D. C. Maxwell, First Assistant, Soil Survey Mapping (S).....	D 2 300
27.	H. Wascher, First Assistant, Soil Survey Mapping (S).....	D 2 100
28.	P. E. Johnson, Assistant, Soil Experiment Fields and Soil Extension (S&E).....	D 1 150
	(See Smith-Lever.....)	450)
	(Total salary.....)	1 600)
29.	J. E. Giesecking, Assistant Soil Survey Mapping (S).....	DG <sub>50</sub> 1 000
30.	K. A. Potter, Assistant, Soil Experiment Fields (S).....	D 1 600
31.	J. C. Anderson, First Assistant, Soil Fertility (S).....	D 1 800
32.	E. B. Earley, Assistant, Soil Fertility (S).....	D 1 600
33.	E. Winters, Jr., Assistant, Soil Physics and Soil Survey Mapping (S).....	D 2 000
34.	L. K. Eby, Assistant, Soil Survey Analysis (S).....	D 1 400
35.	C. H. Farnham, Assistant, Soil Experiment Fields (S).....	D 1 800
36.	C. A. Van Doren, Assistant, Crop Production (C&S).....	D 2 000
37.	L. E. Allison, Assistant, Soil Biology (C&S).....	D 1 600
38.	....., Assistant, Soil Experiment Fields (S).....	D 1 400
39.	C. N. Darras, Assistant, Soil Survey Analysis (S).....	D 1 600
40.	G. D. Smith, Assistant, Soil Physics and Soil Survey Map- ping (S).....	D 1 700
41.	H. L. Buckardt, Assistant, Crop Production (S).....	DG <sub>50</sub> 720
42.	M. F. Hershberger, Assistant, Soil Biology (C&S).....	D 1 400
43.	R. E. Fore, Assistant, Plant Breeding (S).....	DG <sub>50</sub> 840
44.	L. E. Kehoe, Assistant, Soil Fertility (S).....	DG <sub>50</sub> 720
45.	Cecele E. Schlarman, Head Stenographer (C. S.).....	1 800
46.	Lulu B. Meyers, Clerk, (C. S.).....	1 600
47.	Hazel P. Livengood, Stenographer (C. S.).....	1 020
48.	Anne M. Cohen, Stenographer (C. S.).....	1 200
49.	Mrs. Vera M. S. Sherwood, Stenographer (C. S.).....	1 020
50.	Gladys L. Paul, Stenographer (C. S.).....	1 200
51.	Mary E. Parker, File Clerk (C. S.).....	1 020
52.	W. A. McIntire, <i>Retired</i> .....	310
<i>Total, General University Funds</i> .....		(116 200)

#### Expendable Gift Funds for Special Cooperative Research

##### *Ruhm Phosphate and Chemical Company and Thomson Phosphate Company*

1.	K. B. Daniloff, Assistant, Soil Fertility (½ time Sept.–May; full time June–August).....	F \$ 1 110
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##### *Agricultural and Scientific Bureau and Potash Export Company*

1.	A. W. Klemme, Assistant, Soil Fertility (½ time Sept.–May; full time June–August).....	F 1 110
<i>Total, Expendable Gift Funds</i> .....		(2 220)

*Total, Agronomy*..... \$118 420

#### Animal Husbandry

1.	H. P. Rusk, Professor & Chief, Cattle Husbandry (C&S), Head of Department.....	A \$ 7 000
2.	R. Graham, Professor & Chief, Animal Pathology & Hy- giene (CS&E).....	A 4 000
	(See Smith-Lever.....)	2 000)
	(Total salary.....)	6 000)
3.	L. E. Card, Professor and Chief, Poultry Husbandry (C&S)	A 5 500
4.	J. L. Edmonds, Professor and Chief, Horse Husbandry (C&S).....	A 5 000
5.	H. H. Mitchell, Professor and Chief, Animal Nutrition (C&S).....	A 5 000
6.	W. E. Carroll, Professor and Chief, Swine Husbandry (C&S)	A 4 500
7.	H. S. Grindley, Professor, <i>Emeritus</i> .....	2 000

		<i>Salary</i>
8. S. Bull, Associate Professor and Associate Chief, Meats (C&S).....	B	4 500
9. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E).....	D	.....
(See Smith-Lever.....)		4 250)
10. R. C. Ashby, Associate Professor and Associate Chief, Livestock Marketing (C&S).....	B	2 125
(See Purnell.....)		2 125)
(Total salary.....)		4 250)
11. E. Roberts, Associate Professor and Associate Chief, Animal Genetics (C&S).....	B	4 250
12. R. R. Snapp, Associate Professor and Associate Chief, Beef Cattle Husbandry (C&S).....	B	4 000
13. W. G. Kammlade, Assistant Professor and Assistant Chief, Sheep Husbandry (C&S).....	D	3 750
14. T. S. Hamilton, Associate, Animal Nutrition (C&S).....	D	3 200
15. H. H. Alp, Extension Specialist, Poultry (E).....	D	.....
(See Smith-Lever.....)		3 000)
16. H. J. Sloan, Associate, Poultry (C&S).....	D	3 000
17. F. Thorp, Jr., Associate, Animal Pathology (S).....	D	3 000
18. C. W. Crawford, Associate (C&S).....	D	2 750
19. F. C. Olson, Instructor and First Assistant (C&S).....	D	1 100
(See Purnell.....)		1 100)
(Total salary.....)		2 200)
20. F. E. Elliott, Assistant, Poultry Husbandry (S).....	D	.....
(See Purnell.....)		2 600)
21. W. A. James, Assistant, Animal Pathology (C&S).....	D	2 400
22. G. E. Hunt, Assistant, Swine (C&S) (11 mos. from Oct. 1, 1931).....	F	1 925
23. Mary H. Keith, First Assistant, Animal Nutrition (S)....	D	2 000
24. F. Simpson, Assistant, Animal Nutrition (S).....	D	1 700
25. _____, Assistant (S).....	D	1 600
26. _____, Assistant, Beef Cattle (C&S).....	D	1 500
27. T. E. Aspinall, Assistant, Animal Nutrition (S).....	D	1 500
28. Jessie R. Beadles, Assistant, Animal Nutrition (S).....	D	1 400
29. F. I. Nakamura, Assistant, Animal Nutrition (S).....	DG75	1 260
30. Viola M. Michael, First Assistant (S).....	DG50	860
31. H. D. Preston, Assistant, Animal Nutrition (S).....	DG50	840
32. Sunshine Park, First Assistant (S).....	DG50	720
33. _____, Assistant, Animal Genetics (S).....	DG50	720
34. Josephine Schmalhausen, Secretary (C&S) (C. S.).....		1 800
35. Josephine Nelson, Stenographer, Pathology (C. S.).....		1 440
36. Mrs. Mary P. Sudduth, Stenographer (C. S.).....		1 400
37. Mrs. Margaret Schrader, Senior Clerk (C. S.).....		1 380
38. Elizabeth Jung, Stenographer (C. S.).....		630
(See Purnell.....)		630)
(Total salary.....)		1 260)
39. _____, Junior Clerk (C. S.).....		1 080
40. _____, Stenographer (C. S.).....		1 200
41. L. Ethylene Odell, Stenographer (C. S.).....		1 140
42. Faye Sporleder, Stenographer (C. S.).....		1 020
43. _____, Stenographer (C. S.).....		960
44. W. J. Engle, <i>Retired</i> .....		860
<i>Total, Animal Husbandry</i> .....		\$ 96 010

#### Dairy Husbandry

1. H. A. Ruehe, Professor and Chief, Dairy Manufactures (C&S), Head of Department.....	A	\$ 6 500
2. M. J. Prucha, Professor and Chief, Dairy Bacteriology (C&S).....	A	4 500
3. W. L. Gaines, Professor and Chief, Milk Production (C&S)	A	4 000
4. W. J. Fraser, Professor, Dairy Farming (C).....	A	4 000

		<i>Salary</i>
5. W. W. Yapp, Professor and Chief, Dairy Cattle (C&S).....	B	4 250
6. C. S. Rhode, Professor and Chief, Dairy Husbandry Extension (E&S) (See Smith-Lever.....)	B	4 400)
7. W. B. Nevens, Associate Professor and Associate Chief, Dairy Cattle Feeding (C&S).....	B	4 000
8. P. H. Tracy, Associate Professor and Associate Chief, Dairy Manufactures (C&S).....	B	1 333
(See Creamery.....)		2 667)
(Total salary.....)		4 000)
9. O. R. Overman, Assistant Professor and Assistant Chief, Dairy Chemistry (C&S).....	B	3 750
10. J. M. Brannon, Assistant Professor and Assistant Chief, Dairy Bacteriology (C&S).....	B	3 000
11. C. A. Brown, Associate, Dairy Economy (C&S).....	B	412
(See Purnell.....)		2 888)
(Total salary.....)		3 300)
12. A. F. Kuhlman, Instructor and First Assistant (C&S).....	D	2 100
13. S. L. Tuckey, Instructor and First Assistant, Dairy Manufactures (C&S).....	D	2 100
14. O. F. Garrett, Instructor and First Assistant, Dairy Chemistry (C&S).....	D	2 000
15. D. D. Shaw, Instructor and First Assistant, Dairy Production (C&S).....	D	2 000
16. R. J. Ramsey, Assistant, Dairy Manufactures (C&S).....	D	1 600
17. _____, Assistant, Dairy Husbandry Extension (E) (See Smith-Lever.....)	D	.....
		1 500)
18. Lucile Bullions, Secretary (C. S.).....		1 800
19. Roberta Buckley, Stenographer (C. S.).....		1 320
20. Ellen Fabert, Stenographer (C. S.).....		1 140
21. Frances Schwartz, Clerk (C. S.).....		1 020
22. _____, Stenographer (C. S.).....		1 020
23. Mary Jones, Clerk (C. S.).....		1 080
24. Mrs. Thelma Rund, Clerk (C. S.) (See Creamery.....)		1 200)
25. W. T. Marsh, <i>Retired</i> .....		345
<i>Total, General University Funds</i> .....		(53 270)

**Expendable Gift Funds for Special Cooperative Research**

*International Association of Milk Dealers*

1. H. K. Wilson, Special Research Assistant (1 year from June 1, 1931).....	FG60	1 100
<i>Total, Expendable Gift Funds</i> .....		(1 100)
<i>Total, Dairy Husbandry</i> .....		<u>\$ 54 370</u>

**Dairy Creamery**

1. P. H. Tracy, Associate Professor and Associate Chief, Dairy Manufactures (C&S).....	B	2 667
(See Dairy Husbandry.....)		1 333)
(Total salary.....)		4 000)
2. Mrs. Thelma Rund, Clerk (C. S.).....		1 200
<i>Total, Dairy Creamery</i> .....		<u>\$ 3 867</u>

**Farm Mechanics**

1. E. W. Lehmann, Professor and Chief (C&S), Head of Department.....	A	5 750
2. R. I. Shawl, Assistant Professor (C), Assistant Chief (S) ..	B	3 750
3. W. A. Foster, Assistant Professor of Rural Architecture (C), Assistant Chief (S) (See Architecture.....)		4 000)
4. A. L. Young, Associate (C&S).....	B	3 200

		<i>Salary</i>
5.	R. H. Reed, Instructor (C), First Assistant (S).....	D 2 700
6.	D. A. Albrecht, Instructor (C), First Assistant (S).....	D 2 000
7.	E. G. Johnson, Extension Specialist (E) (See Smith-Lever..	D 2 500)
8.	_____, Stenographer (C&S).....	1 320
<i>Total, Farm Mechanics</i> .....		\$ 18 720
<b>Farm Organization and Management</b>		
1.	H. C. M. Case, Professor and Chief (C&S), Head of Depart- ment.....	B 5 750
2.	R. R. Hudelson, Associate Professor (E), Associate Chief (S) (See Smith-Lever.....	B 1 100
	(Total salary.....	3 150)
	(Total salary.....	4 250)
3.	R. H. Wilcox, Associate Professor (C), Associate Chief (S)	B 4 250
4.	M. L. Mosher, Assistant Professor (E) (See Smith-Lever..	BG <sub>50</sub> 2 250)
5.	_____, Assistant Professor (C), Assistant Chief (S). (See Purnell.....	D 850
	(Total salary.....	2 550)
	(Total salary.....	3 400)
6.	P. E. Johnston, Assistant Professor (C&E), Assistant Chief (S).....	D 2 400
	(See Smith-Lever.....	1 300)
	(Total salary.....	3 700)
7.	J. B. Andrews, Associate (S) (See Purnell.....	D 3 800)
8.	R. G. Trummel, Assistant (S).....	D 1 900
9.	J. E. Wills, Assistant (C&S).....	D 1 900
10.	L. F. Shoot, Assistant (C&S).....	D 1 600
11.	Leslie Wright, Assistant (S).....	D 1 800
12.	Harry Russell, Assistant (E) (See Additional Federal Co- operative Funds.....	D 1 600)
13.	_____, Assistant (C&S).....	D 1 400
14.	_____, Assistant (S).....	.....
	(See Purnell.....	EG <sub>50</sub> 600)
15.	_____, Assistant (S).....	EG <sub>50</sub> 600
16.	_____, Assistant (S).....	EG <sub>50</sub> 600
17.	Alice Oathout, Stenographer and Clerk (C. S.).....	1 500
18.	Catherine Goodman, Clerk (C. S.).....	1 260
19.	_____, Clerk (C. S.).....	1 020
20.	_____, Stenographer (C. S.).....	420
	(See Purnell.....	600)
	(Total salary.....	1 020)
<i>Total, Farm Organization and Management</i> .....		\$ 28 350
<b>Home Economics</b>		
1.	Ruth A. Wardall, Professor, Head of Department (C), Vice- Director Extension Work in Home Economics (E)....	A 4 250
	(See Smith-Lever.....	750)
	(Total salary.....	5 000)
2.	Isabel Bevier, Professor, <i>Emeritus</i> (C).....	2 160
3.	Sybil Woodruff, Associate Professor and Associate Chief, Foods (C&S).....	B 2 800
	(See Purnell.....	1 200)
	(Total salary.....	4 000)
4.	Julia P. Outhouse, Assistant Professor and Assistant Chief, Nutrition (C&S).....	B 2 500
	(See Purnell.....	1 000)
	(Total salary.....	3 500)
5.	Harriet T. Barto, Assistant Professor, Dietetics (C).....	B 3 250
6.	Eda A. Jacobsen, Assistant Professor, Clothing (C).....	B 3 000
7.	Mrs. Kathryn V. Burns, State Leader Home Economics Ex- tension (E), Assistant Professor (C).....	D 400
	(See Smith-Lever.....	3 200)
	(Total salary.....	3 600)

		<i>Salary</i>
8. E. Evelyn Smith, Assistant Professor, Institutional Management (C).....	B	3 400
9. Edna E. Walls, Specialist and Assistant Professor Child Development and Parent Education (E&C).....	D	600
(See Smith-Lever.....)		2 800)
(Total salary.....)		3 400)
10. Fannie M. Brooks, Assistant Professor, Home Economics Extension (E), Assistant Professor (C).....	D	250
(See Smith-Lever.....)		2 950)
(Total salary.....)		3 200)
11. _____, Assistant Professor, Home Management (C)	D	3 000
12. Virginia H. Weaver, Assistant Professor (C).....	B	3 200
13. Mary C. Whitlock, Associate (C).....	B	2 600
14. Irene M. Barnes, Associate (C).....	B	2 500
15. Stella Munger, Associate (C).....	B	2 400
16. _____, Associate (C).....	D	2 200
17. Mrs. Clara R. Meyer, Associate and Research Assistant (C&S).....	DG50	1 200
(See Purnell.....)	DG50	1 200)
(Total salary.....)		2 400)
18. Louise M. Pickens, Instructor (C).....	E	2 000
19. Olga Zwermann, Instructor (C).....	E	1 600
20. Hortense H. Honig, Instructor (C).....	E	1 800
21. Mary Bennett, Assistant, Institutional Management (C)...	E	.....
(See Cafeteria Fund.....)		1 500)
22. Mrs. Mary W. Beam, Assistant (C).....	E	1 500
23. Florence M. Roy, Assistant, Nutrition (S).....	D	.....
(See Purnell.....)		1 400)
24. Janice M. Smith, Laboratory Assistant (C).....	EG50	600
25. Mrs. Lucille R. Webber, Laboratory Assistant (C).....	DG50	600
26. Ruth C. Freeman, Home Accounts Specialist.....	D	.....
(See Purnell.....)		900)
(See Smith-Lever.....)		1 100)
(Total salary.....)		2 000)
27. Bessie E. Packard, Secretary (C. S.).....		1 900
28. Dorothy Nordwall, Stenographer (C. S.).....		960
29. Mrs. Mary Ryan, Laboratory Caretaker (C. S.).....	DG67	600
(From Building Operations.....)		300)
(Total salary.....)		900
<i>Total, Home Economics</i> .....		\$ 51 270

#### Home Economics Cafeteria

1. Mary Bennett (See Home Economics, Item 21).....	E	1 500
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#### Horticulture

1. J. C. Blair, Professor and Chief, Horticulture (C&S), Head of Department.....	A	\$ 7 500
2. J. W. Lloyd, Professor and Chief, Olericulture (C&S), Chief in Fruit and Vegetable Marketing.....	A	5 500
3. H. B. Dorner, Professor and Chief, Floriculture (C&S)....	A	5 000
4. M. J. Dorsey, Professor and Chief, Pomology (C&S).....	B	5 000
5. W. A. Ruth, Professor and Chief, Pomological Physiology (C&S).....	B	4 000
6. A. S. Colby, Professor, Pomology and Chief, Small Fruit Culture (C&S).....	B	4 000
7. H. W. Anderson, Professor and Chief, Pomological Pathology (C&S).....	B	4 000
8. R. S. Marsh, Associate Professor, Horticulture Extension (E) (See Smith-Lever.....)	B	3 750)
9. S. W. Hall, Associate Professor and Associate Chief, Floriculture (C&S).....	B	4 000

		<i>Salary</i>
10. W. A. Huelsen, Associate Professor and Associate Chief, Olericulture (C&S).....	B	4 000
11. F. F. Weinard, Associate Professor and Associate Chief, Floricultural Physiology (C&S).....	B	3 500
12. V. W. Kelley, Assistant Professor and Assistant Chief, Pomology (C&S).....	B	3 000
13. J. Hutchinson, Associate, Floriculture (S).....	B	3 000
14. E. P. Lewis, Associate Olericulture (S) (Paid from Cook County Experiment Station).....	B	2 800)
15. S. W. Decker, Associate, Floriculture (C&S).....	D	2 600
16. R. L. McMunn, Associate, Pomology (C&S).....	D	2 600
17. H. M. Newell, Associate, Fruit and Vegetable Marketing (S) (Purnell Fund).....	D	2 400)
18. L. A. Somers, Associate, Olericulture (S) Associate, Vegetable Gardening Extension (E).....	D	1 000
(Smith-Lever).....		1 200)
(Total salary).....		2 200)
19. H. H. Thornberry, Assistant, Pomology (S).....	D	2 200
20. _____, Assistant, Plant Breeding (S).....	D	1 800
21. J. P. McCollum, Assistant and First Assistant, Olericulture (C&S).....	D	2 000
22. B. L. Weaver, Assistant and First Assistant, Olericulture (C&S).....	D	2 200
23. _____, Assistant Plant Breeding (S).....	EG50	700
24. J. L. Bumbalek, Research Assistant, Olericulture (S)..... (Paid from Gibson Canning Company Contract Fund).. (1 year from Feb. 1, 1931).....	F	2 400
25. Louise Mosgrove, Secretary (C. S.).....		1 700
26. Ruth Schmutzler, Stenographer and Clerk (C. S.).....		1 140
27. _____, Stenographer and Record-keeper (Fed.).....		1 020
28. _____, Stenographer (C. S.).....		1 020
29. Sophia Immele, Stenographer (C. S.).....		1 260
30. Mrs. Helen Hamlin, Stenographer and Clerk (C. S.).....		1 440
31. _____, Stenographer (C. S.).....		960
<i>Total, General University Funds</i> .....		( 76 140)

#### Expendable Gift Funds for Special Cooperative Research

##### *Illinois Cannery Association*

1. H. L. Thomas, Research Assistant in Olericulture (Until further notice).....	F	\$ 2 000
2. W. H. Michaels, Associate in Olericulture (Until further notice).....	F	2 500

##### *Gibson Canning Company*

1. J. L. Bumbalek, Research Assistant in Olericulture (1 year from Feb. 1, 1931).....	F	2 400
<i>Total, Expendable Gift Funds</i> .....		(6 900)
<i>Total, Horticulture</i> .....		<u>\$83 040</u>

#### Cook County Experiment Station

1. E. P. Lewis..... (See Horticulture, Item 14)	B	\$ 2 800
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#### Purnell Fund

##### **Administration**

1. G. L. Jordan..... (See Administration, Item 3)	D	\$ 1 100 00
2. Anna C. Glover..... (See Administration, Item 6)	B	100 00

		<i>Salary</i>
3. Margaret E. Shannon.....	D	470
(See Administration, Item 10)		
4. Helen Sears.....	I	200
(See Administration, Item 14)		
<b>Administration—Rural Sociology</b>		
1. D. E. Lindstrom.....	D	1 350
(See Administration, Item 4)		
<b>Agricultural Economics</b>		
<i>A. Field Research, Summer, 1931</i>		
1. C. L. Stewart.....	F	555 56
(See Agricultural Economics, Item 1)		
2. L. J. Norton.....	F	583 33
(See Agricultural Economics, Item 2)		
3. R. W. Bartlett.....	F	416 67
(See Agricultural Economics, Item 3)		
4. G. M. Francis.....	F	400
(See Agricultural Economics, Item 4)		
<i>B. School Year Research</i>		
5. E. L. McBride.....	DG50	720
(See Agricultural Economics, Item 5)		
6. F. A. Plastino.....	DG50	720
(See Agricultural Economics, Item 6)		
7. S. C. Lee.....	DG25	360
(See Agricultural Economics, Item 7)		
8. C. J. Bradley.....	DG25	360
(See Agricultural Economics, Item 8)		
9. _____	D	1 200
(See Agricultural Economics, Item 9)		
<b>Agronomy</b>		
1. _____	D	2 800
(See Agronomy, Item 25)		
<b>Animal Husbandry</b>		
1. R. C. Ashby, Associate Professor and Associate Chief, Livestock Marketing (C&S).....	B	2 125
(See Animal Husbandry, Item 10)		
2. F. E. Elliott, Assistant, Poultry Husbandry (S).....	D	2 600
(See Animal Husbandry, Item 19)		
3. F. C. Olson, Instructor and First Assistant (C&S).....	D	1 100
(See Animal Husbandry, Item 21)		
4. Elizabeth Jung, Stenographer (C. S.).....		630
(See Animal Husbandry, Item 38)		
<b>Dairy Husbandry</b>		
1. C. A. Brown.....		2 888
(See Dairy Husbandry, Item 11)		
<b>Farm Organization and Management</b>		
1. _____	D	2 550
(See Farm Organization and Management, Item 5)		
2. J. B. Andrews.....	D	3 800
(See Farm Organization and Management, Item 7)		
3. _____	EG50	600
(See Farm Organization and Management, Item 14)		
4. _____	D	600
(See Farm Organization and Management, Item 20)		

**Home Economics**

	<i>Salary</i>
1. Sybil Woodruff..... (See Home Economics, Item 3)	1 200
2. _____..... (See Home Economics, Item 4)	1 000
3. Mrs. Clara R. Meyer..... (See Home Economics, Item 17)	1 200
4. Florence M. Roy..... (See Home Economics, Item 23)	1 400
5. Ruth C. Freeman..... (See Home Economics, Item 26)	900

**Horticulture**

1. H. M. Newell..... (See Horticulture, Item 19)	D	2 400
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*Total, Purnell Fund*..... \$ 37 328 56<sup>1</sup>

**Smith-Lever Extension**

1. H. W. Mumford, Dean, College of Agriculture (C); Director, Agricultural Experiment Station (S); Director, Agricultural Extension Service (E); Professor of Animal Husbandry (C)..... (See Agriculture Administration..... (Total salary.....	A	\$ 2 100 6 900 9 000)
2. J. C. Spittler, State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 750
3. J. D. Bilsborrow, Assistant State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 500
4. F. E. Longmire, Assistant State Leader of Farm Advisers with rank of Assistant Professor (E).....	D	4 000
5. _____, Assistant State Leader of Farm Advisors	D	2 500
6. G. L. Jordan, Assistant to Dean and Director (CS&E).. (See Purnell..... (See Agriculture Administration..... (Total salary.....	D	1 100 1 100 1 100 3 300)
7. F. J. Keilholz, Extension Editor (S&E)..... (See Agriculture Administration..... (Total salary.....	B	3 750 250 4 000)
8. M. Eileen Shannon, Specialist in Office Organization and Management (S&E)..... (See Purnell..... (Total salary.....	D	1 730 470 2 200)
9. D. E. Lindstrom, Associate in Rural Sociology (Department of Sociology) assigned to Agricultural Extension Service and Experiment Station (S&E).... (See Purnell..... (Total salary.....	D	1 450 1 350 2 800)
10. E. I. Pilchard, Specialist in Junior Club Work (E)....	D	3 250
11. G. S. Randall, Assistant in Junior Club Work (E)....	D	2 400
12. Blanche Penrod, Editorial Assistant (E&S)..... (See Agriculture Administration..... (Total salary.....	D	100 1 900 2 000)
13. J. C. Hackleman, Professor and Chief, Crops Extension (E&S).....	B	4 800
14. F. C. Bauer, Professor, Soils Extension (E), Chief, Soil Experiment Fields (S)..... (See Agronomy..... (Total salary.....	A	250 4 750 5 000)
15. C. M. Linsley, Assistant Professor, Soils Extension (E) .	B	3 400

<sup>1</sup>Unused balance in salary budget items may be transferred to expense and equipment budget by the Director.

16. P. E. Johnson, Associate, Soils Experiment Fields and Soils Extension (S&E).....	D	<i>Salary</i> 450
(See Agronomy.....)		1 150)
(Total salary.....)		1 600)
17. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E).....	D	4 250
18. R. Graham, Professor and Chief, Animal Pathology and Hygiene (CS&E).....	A	2 000
(See Animal Husbandry.....)		4 000)
(Total salary.....)		6 000)
19. H. H. Alp, Extension Specialist in Poultry Husbandry..	D	3 000
20. C. S. Rhode, Professor and Chief, Dairy Husbandry Extension (E&S).....	B	4 400
21. ———, Assistant, Dairy Husbandry Extension.. (E).....	D	1 500
22. R. R. Hudelson, Associate Professor and Associate Chief, Farm Organization and Management (E&S).....	B	3 150
(See Farm Management.....)		1 100)
(Total salary.....)		4 250)
23. M. L. Mosher, Assistant Professor, Farm Organization and Management Extension (E).....	BG50	2 250
24. P. E. Johnston, Assistant Professor and Assistant Chief, Farm Organization and Management Extension (CE&S).....	D	1 300
(See Farm Management.....)		2 400)
(Total salary.....)		3 700)
25. E. G. Johnson, Extension Specialist in Farm Mechanics (E).....	D	2 500
26. R. S. Marsh, Associate Professor, Horticulture Extension (E).....	B	3 750
27. L. A. Somers, Associate, Olericulture (S), Associate, Vegetable Gardening Extension (E).....	D	1 200
(See Horticulture.....)		1 000)
(Total salary.....)		2 200)
28. Ruth A. Wardall, Professor and Head of Department (C), Vice-Director Extension Work in Home Economics (E).....	A	750
(See Home Economics.....)		4 250)
(Total salary.....)		5 000)
29. Mrs. Kathryn Van Aken Burns, State Leader, Home Economics Extension (E), Assistant Professor, Home Economics (C).....	D	3 200
(See Home Economics.....)		400)
(Total salary.....)		3 600)
30. Mary L. Chase, Assistant State Leader and Associate in Home Economics Extension (E).....	B	3 300
31. Katharine Patterson, Assistant State Leader, Home Economics Extension (E).....	D	2 700
32. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E).....	B	3 000
33. Glenna A. Henderson, Extension Specialist in Foods (E)	D	2 200
34. Gladys J. Ward, Associate, Home Management Extension (E).....	D	2 900
35. Isabelle M. Hitchcock, Associate, Home Furnishings Extension (E).....	D	2 500
36. Edna R. Gray, Associate in Clothing Extension (E)....	B	2 900
37. Mary A. McKee, Extension Specialist in Junior Club Work (E).....	B	3 000
38. Cleo Fitzsimmons, Extension Specialist in Junior Club Work (E).....	D	2 200

	D	<i>Salary</i>
39. Edna E. Walls, Specialist and Assistant Professor, Child Development and Parent Education (C&E).....	D	2 800
(See Home Economics.....)		600)
(Total salary.....)		3 400)
40. Fannie M. Brooks, Assistant Professor, Home Economics Extension (C&E).....	D	2 950
(See Home Economics.....)		250)
(Total salary.....)		3 200)
41. Mrs. Ruth C. Freeman, Extension Specialist in Home Accounts (S&E).....	D	1 100
(See Purnell.....)		900)
(Total salary.....)		2 000)
42. Blanche L. Lewis, Office Assistant.....	D	2 000
43. Alonzella Banta, File Clerk.....	D	1 200
44. _____, Stenographer.....	D	1 140
45. Dorothy A. Eyman, Stenographer.....	D	1 080
46. _____, Stenographer.....	D	1 020
47. Mrs. Dorine Douthit, Stenographer.....	D	1 080
48. Mrs. Neva B. Klockner, Stenographer and Clerk.....	D	1 320
49. Mrs. Genevieve F. Smith, Stenographer.....	D	1 020
50. Mrs. Iva B. Forker, Stenographer.....	D	1 080
51. County Home Advisers		
32 @ \$2000 a year all funds.....		\$64 000
Less State Appropriation <sup>1</sup> .....		25 000
32 @ \$1218.75 from Smith-Lever and Capper-Ketcham.....		39 000
14 @ \$1218.75 from Capper-Ketcham... ..		17 062 50
18 @ \$1218.75 from Smith-Lever.....		\$ 21 937 50
52. County Farm Advisers		
95 @ \$1920 year all funds.....		182 400
Less State Appropriation <sup>1</sup> .....		114 000
95 @ \$720 year Federal Funds.....		68 400
Less F. C. D. Fund <sup>2</sup> .....		10 800
Paid from Smith-Lever and A. F. C. F... ..		57 600
59 @ \$300 year from A. F. C. F.....		17 700
95 @ \$420 year from Smith-Lever.....		39 900 <sup>3</sup>
Total, Smith-Lever Extension.....		<u>\$178 107 50</u>

**Capper-Ketcham Extension**

(Smith-Lever Extension)

1. _____, Assistant in Junior Club Work (E).....	D	\$1 700
2. <i>Field Salaries (80% Total Appropriation) Home Advisers</i>		
(1) Lulu S. Black, Temporary County Home Adviser <sup>4</sup> ..	D	2 600

<sup>1</sup>The State appropriations for the fiscal year July 1, 1931-July 1, 1932, will be paid by the State Department of Agriculture on the salaries of the county home and farm advisers following monthly certification for salary by the Director of Extension.

<sup>2</sup>The \$10,800 Farmers' Cooperative Demonstration Fund appropriated by the United States Department of Agriculture will be paid directly to the farm advisers through the Extension Service by the United States Treasury Office as follows:

36 farm advisers @ \$300 a year.....	\$10 800
An additional amount of \$500 is available to cover the cost of penalty envelopes for the farm and home advisers, which are purchased by the United States Department of Agriculture and shipped to Illinois for distribution.....	500
<i>Total, Farmers' Cooperative Demonstration Fund.....</i>	<u>\$11 300</u>

<sup>3</sup>To be increased in June, 1932, 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 federal funds.)

<sup>4</sup>Permanently employed, but works temporarily in one county and then in another.

(2) 32 @ \$2000 a year.....	64 000		<i>Salary</i>
Less State Appropriation.....	25 000 <sup>1</sup>		
32 from Smith-Lever and Capper-Ketcham.....	39 000		
18 paid from Smith-Lever.....	21 937 50		
14 paid from Capper-Ketcham.....	17 062 50		17 062 50
<i>Junior Club Work</i>			
(1) T. H. Hafer, District Junior Club Leader (E).....		D	3 100 <sup>2</sup>
(2) Martha L. Hensley, District Junior Club Leader (E).....		D	3 100 <sup>2</sup>
(3) F. F. Gingrich, District Junior Club Leader (E)....		D	3 000 <sup>2</sup>
(4) Erma Cottingham, District Junior Club Leader (E).....		D	3 100 <sup>2</sup>
(5) County Junior Club Leaders (E).....			
<i>Total, Capper-Ketcham Extension (Smith-Lever Extension).....</i>			<u>\$ 33 662 50</u>
<b>Additional Federal Cooperative Fund</b>			
1. _____, Extension Specialist in Marketing (E)...		D	\$5 000
2. H. G. Russell, Assistant in Farm Management Extension (E).....		D	1 600
3. R. C. Ross, Specialist in Agricultural Economics with rank of Assistant Professor (E).....		D	3 600
4. _____, Assistants in Marketing and Agricultural Economics.....		D	
<i>5. County Farm Advisers</i>			
95 @ \$1920 a year all funds.....	182 400		
Less State Appropriation <sup>3</sup> .....	114 000		
95 @ \$720 a year Federal Funds.....	68 400		
Less F. C. D. Funds <sup>4</sup> .....	10 800		
Paid from Smith-Lever and A. F. C. Funds.....	57 600		
95 @ \$420 a year Smith-Lever.....	39 900		
59 @ \$300 a year from A. F. C. F.....	17 700		17 700 <sup>5</sup>
<i>Total, Additional Federal Cooperative Fund.....</i>			<u>\$ 27 900</u>
<b>Clarke-McNary Fund</b>			
1. L. E. Sawyer, Extension Forester.....			.....
(Paid direct to individual from Federal Clarke-McNary Fund.....			\$ 1 980) <sup>6</sup>
(Paid from State Natural History Survey.....			1 020)
(Total salary.....			3 000)

<sup>1</sup>The State Appropriation for the fiscal year July 1, 1931-July 1, 1932, will be paid by the State Department of Agriculture on the salary of the county home advisers following monthly certification for salary by the Director of Extension.

<sup>2</sup>Salary includes \$700 each for automobile expense at 5¢ per mile actually travelled. In case this amount is more or less than the total actual mileage expense, the difference is adjusted on the last salary warrant.

<sup>3</sup>The State Appropriation for the fiscal year July 1, 1931-July 1, 1932, will be paid by the State Department of Agriculture on the salary of the county farm advisers following monthly certification for salary by the Director of Extension.

<sup>4</sup>The \$10,800 Farmers' Cooperative Demonstration Fund appropriated by the United States Department of Agriculture will be paid directly to the farm advisers through the Extension Service by the United States Treasury Office as follows:

36 farm advisers at \$300 a year.....	\$10 800
An additional amount of \$500 is available to cover the cost of penalty envelopes for the farm and home advisers, which are purchased by the United States Department of Agriculture and shipped to Illinois for distribution.....	500

*Total, Farmers' Cooperative Demonstration Fund.....* \$11 300

<sup>5</sup>To be increased in June, 1932, 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 federal funds.)

<sup>6</sup>The Federal Clarke-McNary Fund of \$1,980 will be paid at the rate of \$165 a month direct to appointee from the United States Treasury through the United States Department of Agriculture and Extension Service; not included in budget totals.

## LIBRARY SCHOOL

		<i>Salary</i>
1. P. L. Windsor, Director of the Library and Library School	D	\$ .....
Professor of Library Science.....	A	.....
(Salary under General Library)		
2. Amelia Krieg, Assistant Director.....	D	.....
Assistant Professor of Library Economy.....	B	3 800
3. Frances Simpson, Associate Professor and Assistant Director, <i>Emeritus</i> .....		1 870
4. Ethel Bond, Assistant Professor of Library Economy....	B	3 200
5. Anne M. Boyd, Assistant Professor of Library Economy...	B	3 200
6. Marie M. Hostetter, Associate in Library Economy.....	B	2 700
7. Margaret A. Gramesly, Associate in Library Economy....	D	2 300
8. Anna P. Durand, Instructor in Library Economy.....	E	2 100
9. Mildred Singleton, Instructor in Library Economy.....	E	2 000
10. _____, Instructor in Library Economy.....	E	2 500
11. Olga Skartvedt, Assistant.....	E	1 500
12. _____, Assistant.....	EG50	750
13. _____, Assistant.....	EG50	750
14. _____, Assistant.....	E	1 500
15. Nellie Myers, Assistant.....	E	1 500
16. Helen Small, Stenographer (C. S.).....	D	1 200
<i>Total, Library School</i> .....		\$ 30 870

## COLLEGE OF LAW

1. Albert J. Harno, Dean.....	D	.....
Professor.....	A	\$9 000
(Provost.....)	D	1 000)
(Total salary.....)		10 000)
2. Sveinbjorn Johnson, Professor.....	A	.....
University Counsel.....	D	.....
(Salary under University Counsel)		
3. Frederick Green, Professor.....	A	9 000
4. O. A. Harker, Professor, <i>Emeritus</i> .....		3 000
5. O. L. McCaskill, Professor.....	A	8 000
6. W. E. Britton, Professor.....	A	7 600
7. M. I. Schnebly, Professor.....	A	7 600
8. W. L. Summers, Professor.....	A	6 700
9. G. W. Goble, Professor.....	A	6 700
10. G. B. Weisiger, Professor.....	A	5 500
11. H. W. Holt, Professor.....	A	5 000
12. M. S. McDougal, Assistant Professor.....	D	4 000
13. _____, Instructor.....	E	3 000 <sup>1</sup>
14. Bertha M. Harper, Assistant to the Dean (Exempt).....	D	2 400
<i>Total, Law</i> .....		\$ 77 500

## COLLEGE OF FINE AND APPLIED ARTS

## Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 12 000 00	\$ 4 050 00	\$ 16 050 00
Architecture.....	78 100 00	2 970 00	81 070 00
Art.....	20 600 00	2 365 00	22 965 00
Landscape Architecture.....	24 500 00	1 975 00	26 475 00
Music.....	61 095 00	4 000 00	65 095 00
<i>Total</i> .....	<u>\$196 295 00</u>	<u>\$15 360 00</u>	<u>\$211 655 00</u>

<sup>1</sup>Paid from appropriation for administrative reorganization.

<b>Expendable Endowment Income Fund</b>		<i>Salary</i>
Art		
Lorado Taft Lectureship . . . . .	\$1 170 00	\$1 170 00
<b>Administration</b>		
1. _____, Dean . . . . .		\$9 000
2. _____, Assistant to Dean (Part-time; to be member of faculty of one of the departments) . . . . .		1 500
3. _____, Secretary . . . . .		1 500
<i>Total, Administration</i> . . . . .		\$ 12 000
<b>Architecture</b>		
1. L. H. Provine, Professor of Architectural Engineering and Head of Department of Architecture . . . . .	A	\$7 000
2. J. M. White, Professor of Architectural Engineering . . . . .	A	
Supervising Architect, and Superintendent of Business Operations . . . . .	B	. . . . .
(Salary under Physical Plant)		
3. R. Newcomb, Professor of History of Architecture . . . . .	A	7 500
4. A. F. Deam, Professor of Architecture . . . . .	D	6 500
5. C. E. Palmer, Professor of Architectural Engineering . . . . .	A	5 200
6. T. E. O'Donnell, Associate Professor of Architecture . . . . .	A	3 800
7. N. D. Morgan, Associate Professor of Architectural Engi- neering . . . . .	A	4 200
8. L. F. Bailey, Associate Professor of Architecture . . . . .	A	3 500
9. W. A. Foster, Assistant Professor of Rural Architecture . . . . .	B	4 000
10. F. M. Lescher, Assistant Professor of Architecture . . . . .	B	3 400
11. O. S. Fjelde, Assistant Professor of Architecture . . . . .	B	3 400
12. E. I. Love, Assistant Professor of Architecture . . . . .	B	3 000
13. W. H. Scheick, Associate . . . . .	B	2 800
14. G. S. Keith, Associate . . . . .	B	2 800
15. J. W. Kennedy, Associate in Architecture . . . . .	B	2 600
16. J. D. Hogan, Instructor . . . . .	E	2 500
17. Louise Woodroffe, Instructor in Architecture . . . . .	E	2 300
18. J. E. Sweet, Instructor . . . . .	E	1 900
19. H. J. Harman, Assistant . . . . .	E	1 700
20. W. A. Ganster, Assistant . . . . .	E	1 700
21. E. F. Toth, Assistant . . . . .	E	1 900
22. C. Behrensmeyer, Assistant . . . . .	E	1 500
23. _____, Assistant . . . . .	E	1 700
24. J. J. Fiscus, Assistant and Storekeeper (C. S.) . . . . .		1 700
25. Mrs. Mildred C. Barber, Clerk and Stenographer (C. S.) . . . . .		1 500
<i>Total, Architecture</i> . . . . .		\$ 78 100
<b>Art</b>		
1. E. J. Lake, Associate Professor, Head of Department . . . . .	A	\$4 500
2. C. E. Bradbury, Associate Professor . . . . .	A	4 000
3. E. E. Nearpass, Assistant Professor . . . . .	B	3 000
4. C. V. Donovan, Assistant Professor . . . . .	B	3 000
5. _____, Assistant Professor . . . . .	B	3 500
6. A. Marie Anderson, Associate . . . . .	B	2 600
<i>Total, Art</i> . . . . .		\$ 20 600
<b>Landscape Architecture</b>		
1. O. G. Schaffer, Professor . . . . .	A	\$5 000
Head of Department . . . . .	D	. . . . .
2. K. B. Lohmann, Professor . . . . .	A	4 500

		<i>Salary</i>
3. S. H. White, Professor.....	B	4 500
4. H. Bartholomew, Professor, Civic Design (Four lectures a month and conferences).....	BG	1 400
5. I. L. Peterson, Assistant Professor.....	DG50	1 500
6. Florence B. Robinson, Assistant Professor.....	B	2 800
7. R. B. Mitchell, Associate.....	D	2 400
8. H. Wright, Lecturer in City Planning.....	EG	1 000
9. _____, Librarian and Secretary (C. S.).....		1 400
<i>Total, Landscape Architecture.....</i>		<i>\$ 24 500</i>

#### School of Music

1. F. B. Stiven, Director.....	B	.....
Professor.....	A	\$ 7 000
2. A. A. Harding, Professor.....	AG33	2 000
(See Military Bands.....)	AG67	4 500)
(Total salary.....)		6 500)
3. G. F. Schwartz, Associate Professor.....	A	4 000
4. H. J. van den Berg, Associate Professor.....	A	3 750
5. R. H. Miles, Associate Professor.....	D	3 400
6. W. L. Roosa, Assistant Professor.....	D	3 000
7. A. Beresford, Assistant Professor, <i>Emeritus</i> .....		1 095
8. LeRoy Hamp, Associate.....	D	3 000
9. F. T. Johnson, Associate.....	D	2 700
10. Jane C. Watt, Associate.....	D	2 800
11. Henry MacNeill, Associate.....	D	2 600
12. Sherman Schoonmaker, Associate.....	D	2 700
13. Edith Usry, Associate.....	E	2 400
14. R. M. Holmes, Instructor.....	EG50	1 300
(See College of Education.....)		1 300)
(Total salary.....)		2 600)
15. R. F. Dvorak, Instructor.....	EG50	1 400
(See Military Bands.....)	EG50	1 800)
(Total salary.....)		3 200)
16. _____, Instructor.....	E	2 400
17. H. Kessler, Instructor.....	E	2 000
18. Velma I. Kitchell, Instructor.....	EG50	1 000
(See College of Education.....)	EG50	1 000)
(Total salary.....)		2 000)
19. Kathryn J. Sutherlin, Instructor.....	E	2 000
20. L. F. Demming, Instructor.....	E	1 800
21. Stella R. Percival, Instructor.....	EG80	1 400
22. Mrs. Margaret C. Sullivan, Instructor.....	E	1 900
23. _____, Instructor.....	EG50	600
24. Dorothy G. DeLancy, Instructor.....	E	1 800
25. G. T. Overgard, Assistant.....	EG33	600
(See Military Bands.....)	EG25	500)
(Total salary.....)		1 100)
26. O. A. Kubitz, Instructor.....	EG10	200
(See Philosophy.....)	EG50	1 000)
(See Radio Station.....)	EG40	600)
(Total salary.....)		1 800)
27. Mrs. Betty Y. Freeman, Stenographer and Clerk (C. S.)...		1 200
28. 15 Student Assistantships in University Orchestra at \$35 per semester.....	G	1 050
<i>Total, Music.....</i>		<i>\$ 61 095</i>

## GRADUATE SCHOOL

## Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Salaries.....	\$11 300 00		\$11 300 00
Scholarships and Fellowships.....	25 000 00		25 000 00
<b>Expense and Equipment</b>			
(Subject to transfer within total)			
Administration.....		\$ 1 000 00	1 000 00
<b>Publications</b>			
University Studies.....		8 000 00	8 000 00
Special Monographs.....		2 500 00	2 500 00
Journal of English and Germanic Phil- ology.....		3 000 00	3 000 00
General Publications.....		1 000 00	1 000 00
<b>Research</b>			
General.....		10 000 00	10 000 00
Illinois Historical Survey.....		5 000 00	5 000 00
<i>Total</i> .....	<u>\$36 300 00</u>	<u>\$30 500 00</u>	<u>\$66 800 00</u>

## Expendable Gift Fund

Illinois Archaeological Explorations.....<sup>1</sup>

## Salaries

## Salary

1. A. H. Daniels, Dean.....	D	.....
Professor of Philosophy.....	A	\$8 000
(Acting Dean, L. A. & S.....)	F	1 000)
(Total salary.....)		9 000)
2. Lida E. Voight, Secretary (Exempt).....	D	2 100
3. Almira E. Alexander, Stenographer (C. S.).....		1 200
<i>Total, Graduate School</i> .....		<u>\$ 11 300</u>

## PHYSICAL WELFARE

## Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<b>Physical Education</b>			
Men.....	\$ 35 650 00	\$ 10 000 00	\$ 45 650 00
Women.....	26 800 00	4 350 00	31 150 00
Health Service.....	43 250 00	11 150 00	54 400 00
<i>Total</i> .....	<u>\$105 700 00</u>	<u>\$ 25 500 00</u>	<u>\$131 200 00</u>

## Expendable Endowment Income Fund

Women Students' Physical Welfare

    Fund from May Fetes..... \$ 300 00 \$ 300 00<sup>1</sup>

## Physical Education for Men and Athletic Coaching

1. G. A. Huff, Director of Physical Welfare.....	D	.....
Professor.....	A	.....
Physical Education.....		\$8 000
(Paid by Athletic Association.....)		2 400)
		10 400)

<sup>1</sup>Balance June 30, 1931, to be expended in 1931-32.

		<i>Salary</i>
2. R. C. Zuppke, Professor.....	A	.....
Physical Education.....		800
Athletic Coaching.....		1 000
(Total University salary.....)		1 800)
(Paid by Athletic Association.....)		8 200)
		10 000)
3. C. L. Lundgren, Professor.....	A	.....
Physical Education.....		1 100
Athletic Coaching.....		300
(Total University salary.....)		1 400)
(Paid by Athletic Association.....)		5 100)
		6 500)
4. S. C. Staley, Professor.....	A	.....
Physical Education.....		2 500
Athletic Coaching.....		2 300
(Total salary.....)		4 800)
5. C. R. Griffith, Associate Professor, Athletic Coaching.....	DG50	2 625
(See Education.....)	DG50	2 625)
(Total Salary.....)		5 250)
6. G. T. Stafford, Associate Professor.....	A	.....
Physical Education.....		3 400
Athletic Coaching.....		1 100
(Total salary.....)		4 500)
7. M. M. Olander, Assistant Professor.....	D	.....
Athletic Coaching.....		2 400
(Paid by Athletic Association.....)		3 600)
		6 000)
8. H. L. Gill, Associate.....	D	.....
Physical Education.....		300
(Paid by Athletic Association.....)		5 500)
		5 800)
9. J. C. Ruby, Associate.....	D	.....
Physical Education.....		300
Athletic Coaching.....		1 900
(Total University salary.....)		2 200)
(Paid by Athletic Association.....)		2 800)
		5 000)
10. E. J. Manley, Associate.....	D	.....
Athletic Coaching.....		850
(Paid by Athletic Association.....)		2 550)
		3 400)
11. A. F. Smith, Associate.....	D	.....
Athletic Coaching.....		2 000
(Paid by Athletic Association.....)		750)
		2 750)
12. H. E. Kenney, Associate.....	D	.....
Physical Education.....		300
Athletic Coaching.....		600
(Total University salary.....)		900)
(Paid by Athletic Association.....)		2 300)
		3 200)
13. F. E. Rokusek, Associate.....	D	.....
Athletic Coaching.....		1 400
(Paid by Athletic Association.....)		2 200)
		3 600)

		<i>Salary</i>
14.	W. S. Wilson, Associate.....	D .....
	Physical Education.....	200
	Athletic Coaching.....	1 300
	(Total University salary.....)	1 500
	(Paid by Athletic Association.....)	1 500)
		3 000)
15.	C. D. Werner, Associate.....	D .....
	Athletic Coaching.....	2 150
	(Paid by Athletic Association.....)	1 250)
		3 400)
16.	A. R. von Lehsten, Instructor.....	D .....
	Physical Education.....	300
	Athletic Coaching.....	2 000
	(Total University salary.....)	2 300)
	(Paid by Athletic Association.....)	400)
		2 700)
17.	J. J. Jordan, Instructor.....	E .....
	Athletic Coaching.....	1 350
	(Paid by Athletic Association.....)	1 400)
		2 750)
18.	M. H. Sogolow, Instructor.....	E .....
	Athletic Coaching.....	1 800
	(Paid by Athletic Association.....)	1 200)
		3 000)
19.	C. O. Jackson, Instructor.....	E .....
	Athletic Coaching.....	1 400
	(Paid by Athletic Association.....)	1 200)
		2 600)
20.	H. D. Price, Instructor.....	E .....
	Physical Education.....	400
	Athletic Coaching.....	900
	(Total University salary.....)	1 300)
	(Paid by Athletic Association.....)	1 200)
		2 500)
21.	J. P. Sabo, Instructor.....	E .....
	Athletic Coaching.....	1 300
	(Paid by Athletic Association.....)	1 500)
		2 800)
22.	Aitken Young, Assistant.....	E .....
	Physical Education.....	1 600
23.	H. C. Paterson, Assistant.....	E .....
	Physical Education.....	2 000
24.	F. T. Burt, Assistant.....	E .....
	Physical Education.....	1 700
25.	D. M. Bullock, Assistant.....	E .....
	Athletic Coaching.....	600
	(Paid by Athletic Association.....)	2 400)
		3 000)
26.	P. H. Derr, Assistant.....	D .....
	Physical Education.....	1 800
27.	W. E. McClure, Assistant.....	E .....
	Physical Education.....	600
	(Paid by Athletic Association.....)	1 600)
		2 200)

		<i>Salary</i>
28. O. A. Hankner, Assistant.....	E	.....
Physical Education.....		8 50
Athletic Coaching.....		8 50
(Total salary.....)		17 00)
29. G. C. Law, Assistant.....	E	.....
Physical Education.....		8 00
(Paid by Athletic Association.....)		1 300)
		2 100)
30. K. J. McCristal, Assistant.....	E	.....
Physical Education.....		1 400
Athletic Coaching.....		5 00
(Total salary.....)		1 900)
31. H. W. Craig, Assistant.....	E	.....
Physical Education.....		1 100
(Paid by Athletic Association.....)		9 00)
		2 000)
32. W. J. Treece, Assistant.....	E	.....
Physical Education.....		2 000
33. W. W. Brown, Instructor.....	E	.....
Physical Education.....		8 00
Athletic Coaching.....		5 00
(Total University salary.....)		1 300)
(Paid by Athletic Association.....)		1 300)
		2 600)
34. _____, Assistant.....	E	.....
Physical Education.....		1 200
Athletic Coaching.....		1 000
(Total salary.....)		2 200)
35. _____, Assistant.....	EG	.....
Physical Education.....		4 00
(Paid by Athletic Association.....)		5 00)
		9 00)
36. Clara Brown, Stenographer (C. S.).....		.....
Physical Education.....		1 400
37. _____, Stenographer (C. S.).....		.....
Physical Education.....		4 00
(Paid by Athletic Association.....)		8 00)
		1 200)
Physical Education.....		\$ 35 650
Athletic Coaching.....		32 125
(Total University.....)		67 775)
(Paid by Athletic Association.....)		53 850)
		(121 625)

**Physical Education for Women**

1. Louise Freer, Director.....	D	.....
Professor.....	A	\$4 500
2. Mary F. Lawson, Assistant Professor.....	D	3 000
3. Carita Robertson, Associate.....	D	2 800
4. Angela M. Kitzinger, Instructor.....	E	2 400
5. _____, Instructor.....	E	1 800
6. Laura J. Huelster, Instructor.....	E	2 200
7. Ione M. Johnson, Instructor.....	E	2 200
8. Enid Schnauber, Instructor.....	E	1 800
9. Emily Meares, Instructor.....	E	1 900

		<i>Salary</i>
10. Dorothy Stahmer, Instructor.....	E	1 800
11. Eloise Lukeman, Stenographer (C. S.).....		1 200
12. Elizabeth Goodrich, Custodian (C. S.).....		1 200
<i>Total, Physical Education for Women.....</i>		<u>\$ 26 800</u>

**Health Service (including Hygiene)**

1. J. H. Beard, Professor of Hygiene.....	A	.....
University Health Officer.....	D	\$ 6 500
2. V. A. Ross, Assistant Health Officer, Senior Medical Ad- viser for Men.....	D	5 000
3. Maude L. Etheredge, Professor of Hygiene.....	A	.....
Medical Adviser for Women.....	D	4 250
4. J. R. Cain, Assistant Professor of Hygiene, Medical Adviser for Men.....	D	3 750
5. Virgil Gilchrist Wheeler, Associate in Hygiene, Medical Adviser for Women.....	D	2 750
6. G. R. Blackstone, Associate in Hygiene, Medical Adviser for Men.....	D	3 000
7. H. C. Gebhart, Associate in Hygiene, Medical Adviser for Men.....	D	3 500
8. May Millbrook, Assistant in Hygiene, Medical Adviser for Women.....	D	2 500
9. L. D. Lewis, Instructor in Hygiene, Medical Adviser for Men.....	D	3 000
10. L. N. Judah, Instructor in Hygiene, Medical Adviser for Men.....	D	3 300
11. Marjorie Smarzo, Assistant in Hygiene, Medical Adviser for Women.....	D	2 700
12. A. M. Bruner, Assistant in Hygiene, Medical Adviser for Men.....	D	3 000
<i>Total, Health Service.....</i>		<u>\$ 43 250</u>

**MILITARY DEPARTMENT**

**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Military.....	\$18 640 00	\$ 2 364 00	\$21 004 00
Revolving Funds			
Military Clothing and Equipment.....		2 000 00	2 000 00
Military Overcoats.....		2 000 00	2 000 00
Total, Revolving Funds.....		(4 000 00)	(4 000 00)
<i>Total.....</i>	<u>\$18 640 00</u>	<u>\$ 6 364 00</u>	<u>\$25 004 00</u>

**Salaries**

1. C. W. Weeks, Professor of Military Science and Tactics... ..	D	\$ 900 <sup>1</sup>
2. F. A. March, III, Supply Officer, R. O. T. C.....	D	600 <sup>1</sup>
3. A. Pinsenshaum, Storekeeper, R. O. T. C.....	D	600 <sup>1</sup>
4. N. C. Cochrane, Property Clerk, R. O. T. C.....	D	600 <sup>1</sup>
5. Mrs. Jennie L. McWilliams, Stenographer (C. S.).....		1 500
6. Marie Doyle, Stenographer (C. S.).....		1 140
7. Frances E. Lee, Stenographer (C. S.).....		1 080
8. Helen Byland, Stenographer (C. S.).....		1 020
9. 160 student-assistantships for cadet officers. (\$35 per semester).....	F	11 200
<i>Total, Military.....</i>		<u>\$ 18 640</u>

<sup>1</sup>These men are members of the United States Army and receive in addition salary from the United States Government.

<b>McKINLEY HOSPITAL</b>		<i>Salary</i>
1. Kate N. Putnam, Superintendent of McKinley Hospital . . .	D	\$ 2 400 <sup>1</sup>
(Part of salary of Lyle Dahlenburg, Junior Accountant in Business Office, also charged here) . . . . .		100
(Salaries paid from operating receipts of the Hospital and not included in the budget total) . . . . .		.....
<i>Total, McKinley Hospital</i> . . . . .		<u>\$ 2 500</u>

**COLLEGE OF MEDICINE**

## Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration . . . . .	\$ 21 847 00	\$ 4 950 00	\$ 26 797 00
Contingent . . . . .		2 850 00	2 850 00
Health Service . . . . .	1 500 00	200 00	1 700 00
Animal Hospitals . . . . .	5 680 00		5 680 00
Medical and Dental Illustration . . . . .	(11 335 00) <sup>2</sup>	(1 125 00) <sup>2</sup>	(12 460 00) <sup>2</sup>
Anatomy . . . . .	35 850 00	10 075 00	45 925 00
Dermatology . . . . .	10 160 00	1 645 00	11 805 00
Dispensary and Drug Room . . . . .	45 410 00	17 000 00	62 410 00
Hospital Laboratory . . . . .	16 470 00	5 675 00	22 145 00
Laryngology, Rhinology, and Otolaryngology . . . . .	3 900 00	1 400 00	5 300 00
Medicine (Internal) . . . . .	28 200 00	4 230 00	32 430 00
Neurology and Psychiatry . . . . .	24 300 00	6 000 00	30 300 00
Obstetrics and Gynecology . . . . .	20 200 00	3 475 00	23 675 00
Ophthalmology . . . . .	6 270 00	1 155 00	7 425 00
Pathology and Bacteriology . . . . .	38 990 00	15 310 00	54 300 00
Pediatrics . . . . .	10 700 00	1 550 00	12 250 00
Pharmacology and Therapeutics . . . . .	20 560 00	5 000 00	25 560 00
Physiological Chemistry . . . . .	20 940 00	7 000 00	27 940 00
Physiology . . . . .	30 270 00	5 050 00	35 320 00
Radiology . . . . .	11 920 00	8 140 00	20 060 00
Surgery (General) . . . . .	28 800 00	8 450 00	37 250 00
Orthopedic Surgery . . . . .	25 120 00	6 000 00	31 120 00
<i>Total</i> . . . . .	<u>\$407 087 00</u>	<u>\$115 155 00</u>	<u>\$522 242 00</u>

**Expendable Gift and Endowment Income Funds**

Adolph Gehrmann Lectureship . . . . .	\$500 00	\$500 00
Charles Sumner Bacon Lectureship . . . . .	170 00	170 00
Theodore B. Sacks Residency . . . . .	2 500 00	2 500 00
<b>Research Funds</b>		
Allergy Research (Robert F. Carr) . . . . .	900 00	900 00
Allergy Research (Dr. and Mrs. H. O. Deuss) . . . . .	100 00	100 00
Antiseptic Properties of the Skin . . . . .		3
Effect of Yeast on the Digestive Tract . . . . .	1 750 00	1 750 00
Lactic Acid Milk . . . . .		3
Milk Toxins . . . . .		3
Study of Bones of Teeth . . . . .		3
Cutaneous Pathology . . . . .		3
Cutaneous Research—The Wilson Laboratories . . . . .		3
Social Hygiene . . . . .		3
William Beaumont Memorial Endowment for Award for Research in Diseases of the Alimentary Tract . . . . .	100 00	100 00
Estimated Additional Funds <sup>4</sup> . . . . .	2 000 00	2 000 00
<i>Total</i> . . . . .	<u>\$ 8 020 00</u>	<u>\$ 8 020 00</u>

<sup>1</sup>With maintenance, including living quarters, board, and laundry while hospital is in operation.<sup>2</sup>Entire amount chargeable to other accounts in Medicine and Dentistry.<sup>3</sup>Balance, June 30, 1931, to be expended in 1931-32.<sup>4</sup>Estimated new funds, renewals of present funds and June 30, 1931, balances.

<b>Administration</b>		<i>Salary</i>
1. D. J. Davis, Dean .....	D	.....
Professor of Pathology.....	A	\$ 9 000
2. G. R. Moon, Examiner and Recorder, Chicago Professional Schools and Assistant to the Dean (C. S.).....	D	4 500
3. Dorothy Davison, Secretary to the Dean (Exempt).....	D	1 800
4. W. H. Browne, <i>Retired</i> .....		2 500 <sup>1</sup>
5. Mabel Arneson, Assistant to Registrar and Recorder (C. S.).....		2 100
6. Ethel Engeljohn, Clerk (C. S.).....		1 800
7. E. D. Brothers, <i>Retired</i> .....		147
<i>Total, Administration</i> .....		<u>\$ 21 847</u>
<b>Health Service</b>		
1. W. W. Dalitsch, Health Officer.....	DG33	\$ 1 500
(See Internal Medicine.....)	FG12	400)
(Total salary .....		<u>1 900)</u>
<i>Total, Health Service</i> .....		<u>\$ 1 500</u>
<b>Animal Hospital</b>		
<b>Research Laboratory</b>		
1. _____, Technician.....	DG50	\$ 600
		(Plus tuition, lab. fees and room)
2. G. Breeding, Animal Keeper (C. S.).....		1 600
3. J. O. Firth, Animal Keeper (C. S.).....	G50	480
4. W. H. Kaaiser, Technician.....	D	1 500
<b>Medical Building</b>		
5. F. Stashak, Animal Keeper (C. S.).....		<u>1 500</u>
<i>Total, Animal Hospital</i> .....		<u>\$ 5 680</u>
<b>Medical and Dental Illustration</b>		
1. T. S. Jones, Chief Artist and Assistant Professor.....	DG75	\$4 000
2. Marion L. Mason, Artist.....	DG75	2 100
3. L. A. Toriello, Photographer.....	D	2 400
4. Mrs. Nellie M. Frain, Artist in Dental Illustration.....	DG75	2 250
5. _____, Assistant to Photographer (9 mos. from September 1).....	FG50	585
<i>Total, Medical and Dental Illustration</i> .....		<u>\$ 11 335</u>
<b>Anatomy</b>		
1. O. F. Kampmeier, Professor and Head of Department.....	A	\$6 500
2. F. P. Reagan, Associate Professor.....	D	5 250
3. A. A. Zimmermann, Assistant Professor.....	D	3 700
4. A. R. Cooper, Assistant Professor.....	DG50	2 200
5. G. von Bonin, Associate.....	D	3 150
6. G. Zechel, Associate.....	DG50	1 650
7. Y. Joranson, Associate (8 mos. from Oct. 1, 1931).....	FG25	600
8. R. L. Webb, Associate.....	D	2 700
9. P. H. Simer, Instructor.....	D	2 700
10. L. Boelio, Instructor.....	DG50	800
11. M. Fisch, Instructor.....	DG50	600
12. E. Stein, Instructor (8 mos. from Oct. 1, 1931).....	FG25	400
13. Adeline R. White, Assistant.....	DG25	550
14. H. J. Pilka, Assistant (8 mos. from Oct. 1, 1931).....	FG25	250
15. G. Miller, Technician.....	D	1 800
16. Mrs. A. E. Fork, Technician.....	D	1 500
17. Mrs. Katherine Baird, Typist (C. S.).....		1 500

<sup>1</sup>To continue on full time until December 31, 1931, at a salary rate of \$5,000 a year. Excess of salary for this period over retiring allowance covered by special appropriation.

		<i>Salary</i>
18. _____, Assistant (8 mos. from Oct. 1, 1931).....	FG25	Tuition and Lab. Fees
19. R. H. Puumala, Assistant (8 mos. from Oct. 1, 1931).....	FG25	Tuition and Lab. Fees
<i>Total, Anatomy</i> .....		\$ 35 850

#### Dermatology

1. F. E. Senear, Professor and Head of Department.....	AG50	\$5 000
2. M. S. Wien, Assistant Professor.....	DG50	1 500
3. T. Cornbleet, Instructor.....	DG75	1 200
4. C. S. Scuderi, Instructor.....	DG20	240
5. S. Rosenthal, Assistant.....	DG20	240
6. S. Bergen, Assistant.....	DG20	240
7. H. M. Mortimer, Assistant.....	DG20	240
8. Doris Jennings, Technician.....	D	1 500
<i>Total, Dermatology</i> .....		\$ 10 160

#### Dispensary and Drug Room

##### Dispensary

1. E. S. Moore, Superintendent of Hospital Medical Staff....	DG75	\$3 900
2. Amy Littig, Anaesthetist.....	D	3 500
3. Helen F. Stocking, Dispensary Clerk (C. S.).....	G50	700
4. Irene M. Chott, Dispensary Clerk (C. S.).....		1 140
5. Dorothy E. Wagner, Dispensary Clerk (C. S.).....		1 140
6. Maria J. Weseman, Dispensary Clerk (C. S.).....		1 140
7. Clara M. Lowe, Superintendent of Dispensary Nurses (C. S.)		2 100
8. Frances V. Craig, Assistant Superintendent of Nurses (C. S.)		2 000
9. Teresa J. Robertson, Dispensary Nurse (C. S.).....		1 800
10. Hattie C. Larson, Dispensary Nurse (C. S.).....		1 800
11. Alyce Riley, Dispensary Nurse (C. S.).....		1 800
12. Hazel Koonce, Dispensary Nurse (C. S.).....		1 800
13. Marie Sorenson, Dispensary Nurse (C. S.).....		1 900
14. Hazel M. Nelson, Dispensary Nurse (C. S.).....		1 800
15. _____, Dispensary Nurse (C. S.).....		1 800
16. Marguerite J. Glenn, Dispensary Nurse (C. S.).....		1 800
17. Victoria S. Jaglowski, Dispensary Nurse (C. S.).....		1 800
18. _____, Dispensary Nurse (C. S.).....		1 800
19. Shirley Brenner, Dispensary Cashier (C. S.).....		1 140
20. B. B. Miller, Orderly and Male Nurse (Also a room) (C. S.)		1 500
21. Mary S. Hempel, Assistant Anaesthetist.....	D	1 800
22. _____, Record Clerk <sup>1</sup> (C. S.).....		1 500
23. _____, Record Clerk <sup>1</sup> (C. S.).....		1 800
<i>Sub-total, Dispensary</i> .....		(41 460)

##### Drug Room

1. S. W. Morrison, Pharmacist.....	D	1 750
(See Pharmacy.....)		1 750)
(Total salary.....)		3 500)
2. _____, Drug Room Clerk (C. S.).....		1 200
3. W. B. Collins, Assistant Pharmacist.....	D	1 000
(See Pharmacy.....)		1 000)
(Total salary.....)		2 000)
<i>Sub-total, Drug Room</i> .....		(3 950)
<i>Total, Dispensary and Drug Room</i> .....		\$ 45 410

#### Hospital Laboratory

1. S. A. Levinson, Hospital Pathologist and Director, Assistant Professor of Pathology.....	DG75	\$3 600
2. R. P. MacFate, Hospital Chemist.....	DG80	2 400
3. Margaret E. Milliken, Hospital Serologist.....	D	1 800

<sup>1</sup>Transferred from Department of Public Welfare.

		<i>Salary</i>
4. F. Elizabeth Powell, Bacteriologist.....	D	1 800
5. H. Kleppe, Assistant in Clinical Pathology.....	D	1 800
6. Rebecca I. Clark, Assistant in Clinical Pathology.....	D	1 800
7. _____, Technician.....	D	1 320
8. Charlotte Karpass, Filing Clerk and Stenographer (C. S.).	G50	750
(See Ophthalmology.....)	G50	750)
(Total salary.....)		1 500)
9. L. Goldberg, Laboratory Attendant (C. S.).....		1 200
<i>Total, Hospital Laboratory.....</i>		<i>\$ 16 470</i>

#### Laryngology, Rhinology, and Otology

1. F. L. Lederer, Associate Professor.....	DG50	\$ 1 800
2. A. A. Steinberg, Resident (1 year from July 1, 1931).....	FG	600
3. C. Wessmann.....	D	1 500
<i>Total, Laryngology, Rhinology, and Otology.....</i>		<i>\$ 3 900</i>

#### Medicine (Internal)

1. C. S. Williamson, Professor and Head of Department.....	AG50	\$ 5 000
2. R. W. Keeton, Professor.....	AG50	3 500
3. E. Foley, Assistant Professor.....	DG50	1 200
4. H. A. Singer, Assistant Professor.....	DG75	1 800
5. A. L. Sawyer, Assistant Professor (9 mos. from Sept. 1, 1931)	FG13	300
6. A. VanderKloot, Assistant Professor (9 mos. from Sept. 1, 1931).....	FG13	300
7. J. B. Cipriani, Assistant Professor (9 mos. from Sept. 1, 1931).....	FG13	300
8. D. W. Propst, Assistant Professor (9 mos. from Sept. 1, 1931).....	FG13	300
9. M. H. Streicher, Assistant Professor.....	DG75	1 800
10. Carroll L. Birch, Assistant Professor.....	B	3 600
11. H. O. Deuss, Associate (9 mos. from Sept. 1, 1931).....	FG13	300
12. Marion Hood, Instructor.....	D	2 000
13. _____, Instructor.....	DG50	1 200
14. Dorothy Dickson, Assistant.....	D	1 800
15. R. D. Knapp, Resident (1 year from July 1, 1931).....	F	600
16. L. R. Limargi, Resident (1 year from July 1, 1931).....	F	600
17. Alyce Pollock, Social Service Worker and Stenographer....	D	1 600
18. Dorothy Sherman, Operator for Electrocardiograph.....	D	1 600
19. W. W. Dalitsch, Associate (9 mos. from Sept. 1, 1931)....	FG12	400
(See Health Service.....)	DG33	1 500)
(Total salary.....)		1 900)
<i>Total, Internal Medicine.....</i>		<i>\$ 28 200</i>

#### Neurology and Psychiatry

1. H. D. Singer, Professor and Head of Department.....	AG50	\$ 5 000
2. G. B. Hassin, Professor.....	AG50	4 000
3. _____, Associate Professor.....	DG50	2 400
4. I. B. Diamond, Assistant Professor.....	BG50	1 200
5. D. M. Olkon, Assistant Professor.....	BG50	1 200
6. A. A. Low, Assistant Professor.....	BG50	1 200
7. J. C. Rheingold, Resident (1 year from July 1, 1931).....	F	600
8. _____, Resident (1 year from July 1, 1931).....	F	600
9. _____, Psychologist.....	DG50	1 500
10. Beatrice Kahn, Secretary and Technician.....	D	1 800
11. Mary F. South, Stenographer (C. S.).....		1 200
12. _____, Stenographer (C. S.).....	D	1 200
13. _____, Psychiatric, Social Worker.....	D	2 400
<i>Total, Neurology and Psychiatry.....</i>		<i>\$ 24 300</i>

<b>Obstetrics and Gynecology</b>		<i>Salary</i>
1. F. H. Falls, Professor and Head of Department.....	AG75	\$ 7 500
2. W. H. Browne, Assistant Professor.....	DG50	1 500
3. H. Maryan, Associate.....	DG50	1 000
4. H. H. Hill, Instructor.....	DG50	1 000
5. Jane R. McLaughlin, Instructor.....	DG25	600
6. M. J. Summerville, Instructor.....	DG50	1 000
7. A. Kobak, Instructor.....	DG25	400
8. S. Kaplan, Instructor.....	DG25	400
9. C. H. Lesage, Assistant and Resident (1 year from July 1, 1931).....	F	1 000
10. _____, Assistant and Out-Patient Resident (1 year from July 1, 1931).....	F	1 000
11. L. J. Rossiter, Technician.....	DG50	900
(See Surgery.....)		900)
(Total salary.....)		1 800)
12. Helen E. Natzke, Supervising Nurse-Out Patient (1 year from July 1, 1931).....	F	1 500
13. Cathryn C. Smongeski, Assistant Nurse-Out Patient (1 year from July 1, 1931).....	F	1 200
14. _____, Stenographer (C. S.).....		1 200
<i>Total, Obstetrics and Gynecology.....</i>		<u>\$ 20 200</u>
<b>Ophthalmology</b>		
1. H. Beard, Associate Professor.....	DG50	\$ 1 800
2. M. L. Folk, Assistant Professor.....	DG50	1 500
3. S. Wolf, Associate.....	DG50	600
4. E. Horick, Refractionist.....	DG50	1 020
5. W. R. Greiner, Resident (1 year from July 1, 1931).....	F	600
6. Charlotte Karpas, Technician.....	DG50	750
(See Hospital Laboratory.....)	DG50	750)
(Total salary.....)		1 500)
<i>Total, Ophthalmology.....</i>		<u>\$ 6 270</u>
<b>Pathology and Bacteriology</b>		
1. D. J. Davis, Professor and Head of Department.....	A	.....
Dean.....	D	.....
(Salary under Administration)		
2. W. F. Petersen, Professor.....	A	\$ 7 000
3. L. Arnold, Professor.....	A	6 000
4. I. Pilot, Associate Professor.....	DG50	1 800
5. A. J. Nedzel, Associate.....	D	3 200
6. G. Milles, Instructor.....	D	2 400
7. _____, Instructor.....	D	2 000
8. R. J. Kremer, Instructor.....	EG50	1 000
9. Johanna M. Dieckmann, Instructor.....	D	2 400
10. _____, Instructor.....	DG50	1 200
11. J. Lepak, Chief Technician.....	D	1 800
12. S. Moore, Technician.....	D	1 500
13. Mrs. H. Paulsen, Technician.....	D	1 500
14. Albina Sruogins, Technician.....	D	1 400
15. R. I. Stonecipher, Technician.....	D	1 200
16. E. Peterson, Technician.....	D	1 650
17. _____, Technician.....	D	1 320
18. Mrs. Gertie Strand, Laboratory Helper.....	D	720
19. Mildred Rosenberg, Stenographer (C. S.).....	G75	900
<i>Total, Pathology and Bacteriology.....</i>		<u>\$ 38 990</u>

		<i>Salary</i>
<b>Pediatrics</b>		
1.	H. G. Poncher, Assistant Professor.....	B \$ 4 000
2.	I. P. Bronstein, Associate.....	D 2 800
3.	Bertha DeMar, Social Worker.....	D 1 650
4.	_____, Research Assistant.....	D 1 650
5.	Raymond Cohen, Resident (1 year from July 1, 1931).....	F 600
	<i>Total, Pediatrics</i> .....	\$ 10 700
<b>Pharmacology and Therapeutics</b>		
1.	H. A. McGuigan, Professor and Head of Department.....	A \$ 7 500
2.	W. J. R. Camp, Associate Professor.....	A 4 500
3.	P. L. Ewing, Associate.....	D 2 200
4.	_____, Instructor.....	D 1 500
5.	J. Higgins, Assistant.....	DG67 960
6.	LaVerne Masterson, Stenographer (C. S.).....	D 1 500
7.	W. Williams, Technician.....	D 1 320
8.	R. E. Johnson, Laboratory Helper (C. S.).....	D 1 080
	<i>Total, Pharmacology and Therapeutics</i> .....	\$ 20 560
<b>Physiological Chemistry</b>		
1.	W. H. Welker, Professor and Head of Department.....	A \$ 6 500
2.	O. Bergeim, Associate Professor.....	A 4 000
3.	A. G. Cole, Assistant Professor.....	B 3 000
4.	C. A. Johnson, Instructor.....	DG50 1 200
5.	C. C. Harvey, Assistant.....	D 1 200
6.	Frances Briggs, Assistant.....	DG50 1 200
7.	O. R. Burns, Technician.....	D 1 260
8.	R. A. Noelck, Technician.....	D 1 080
9.	Sara Bock, Stenographer (C. S.).....	D 1 500
	<i>Total, Physiological Chemistry</i> .....	\$ 20 940
<b>Physiology</b>		
1.	M. B. Visscher, Professor and Head of Department.....	A \$ 6 500
2.	A. Bachem, Professor of Bio-Physics.....	D 4 800
3.	_____, Associate Professor.....	D 4 200
4.	_____, Assistant Professor.....	D 3 500
5.	_____, Instructor.....	D 2 000
6.	_____, Instructor.....	D 2 400
7.	_____, Assistant (8 mos. from October 1).....	FG50 600
8.	_____, Assistant (8 mos. from October 1).....	FG50 600
9.	J. W. Thomas, Technician.....	D 1 800
10.	R. E. Vessey, Technician.....	D 1 320
11.	_____, Technician.....	D 1 200
12.	_____, Stenographer (C. S.).....	D 1 350
	<i>Total, Physiology</i> .....	\$ 30 270
<b>Radiology</b>		
1.	A. Hartung, Professor.....	AG75 \$ 7 000
2.	_____, Roentgen Operator and Assistant.....	D 1 800
3.	Olive H. George, Nurse Attendant.....	D 1 800
4.	Martha Cunningham, Stenographer (C. S.).....	D 1 320
	<i>Total, Radiology</i> .....	\$ 11 920
<b>Surgery (General)</b>		
1.	C. A. Hedblom, Professor and Head of Department.....	AG75 \$ 7 500
2.	E. Oldberg, Assistant Professor of Neurological Surgery....	DG75 2 500
3.	G. W. Post, Jr., Associate Professor.....	D 320

		<i>Salary</i>
4. R. D. Herrold, Assistant Professor.....	DG50	2 000
5. C. H. Phiifer, Professor.....	A	320
6. Arrie Bamberger, Assistant Professor.....	D	320
7. O. E. Nadeau, Assistant Professor.....	DG25	600
8. C. B. Puestow, Associate.....	DG75	2 200
9. _____, Associate.....	DG75	2 000
10. H. I. Meyer, Instructor.....	DG50	1 200
11. W. VanHazel, Instructor.....	DG75	1 800
12. F. N. Boonstra, Assistant and Senior Resident.....	D	1 000
13. M. W. Alcorn, Assistant and First Junior Resident.....	D	800
14. J. L. Poppen, Assistant and Second Junior Resident.....	D	600
15. E. E. Ewert, Instructor.....	DG75	1 800
16. L. J. Rossiter, Surgical Technician.....	DG50	900
(See Obstetrics.....)		900)
(Total salary.....)		1 800)
17. A. Kneeland, Technician.....	D	1 500
18. Annabel Wheeler, Typist (C. S.).....		1 440
<i>Total, Surgery (General).....</i>		<b>\$ 28 800</b>

**Orthopedic Surgery**

1. H. B. Thomas, Director of Orthopedic Institute, Professor of Orthopedic Surgery and Head of Department.....	AG50	\$ 5 000
2. _____, Assistant Professor.....	DG50	2 400
3. _____, Assistant Professor.....	DG50	1 800
4. _____, Instructor.....	D	1 800
5. _____, Resident (1 year from July 1, 1931).....	DF	600
6. _____, Assistant and Resident (1 year from July 1, 1931).....	DF	900
7. L. Pelzman, Physio-Therapist (male).....	DG50	1 500
8. Helen Moulton, Physio-Therapist Technician.....	D	1 800
9. Marion Taft, Physio-Therapist.....	D	1 800
10. _____, Attendant (male).....	D	1 500
11. _____, Attendant (female).....	D	1 000
12. Helena Petersen, Laboratory Helper (C. S.).....		960
13. Mrs. Ruth Christensen, Technician.....	D	1 600
14. Mrs. Reba S. Burrows, Laboratory Helper (C. S.).....		960
15. _____, Stenographer (C. S.).....		1 500
<i>Total, Orthopedic Surgery.....</i>		<b>\$ 25 120</b>

**COLLEGE OF DENTISTRY**

**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 11 770 00	\$ 3 000 00	\$14 770 00
Illustration.....		3 450 00	3 450 00
Children's Clinic.....	5 500 00	600 00	6 100 00
English.....	1 000 00		1 000 00
Histology.....	6 200 00	900 00	7 100 00
Infirmary.....	13 500 00	16 500 00	30 000 00
Operative Dentistry.....	13 100 00	350 00	13 450 00
Oral Surgery.....	15 750 00	1 050 00	16 800 00
Orthodontia.....	10 430 00	800 00	11 230 00
Pathology and Therapeutics.....	15 800 00	750 00	16 550 00
Prosthetic Dentistry.....	23 760 00	800 00	24 560 00
Roentgenology.....	2 900 00	1 500 00	4 400 00
Technical Drawing.....	600 00		600 00
<i>Sub-total.....</i>	<i>(120 310 00)</i>	<i>(29 700 00)</i>	<i>(150 010 00)</i>
Revolving Fund, Graduate Orthodontia.....		1 600 00	1 600 00
<i>Total.....</i>	<u><i>\$120 310 00</i></u>	<u><i>\$31 300 00</i></u>	<u><i>\$151 610 00</i></u>

<b>Administration</b>		<i>Salary</i>
1. F. B. Noyes, Dean . . . . .	DG	} 50 \$ 5 000
Director of Children's Clinic . . . . .	DG	
Professor of Orthodontia . . . . .	AG	
2. Mrs. Nell Snow Talbot, Assistant to the Dean . . . . .	D	2 750
(See English Department . . . . .)		1 000)
(Total salary . . . . .)		3 750)
3. Miriam R. Borg, Secretary to the Dean (Exempt) . . . . .	D	1 800
4. Mildred Warren, Stenographer (C. S.) . . . . .		1 260
5. _____, Switchboard Operator and Typist (C. S.) . . . . .		960
<i>Total, Administration . . . . .</i>		<u>\$11 770</u>
<b>Children's Clinic</b>		
1. F. B. Noyes, Dean . . . . .	DG	} 50 . . . . .
Director of Children's Clinic . . . . .	DG	
Professor of Orthodontia . . . . .	AG	
(Salary under Administration)		
2. Elsie Gerlach, Superintendent of Children's Clinic, Associate	D	\$ 2 900
3. Beulah G. Nelson, Instructor . . . . .	DG50	1 000
4. Florence V. Malachowski, Instructor (two half days per week) . . . . .	DG	No salary
5. Clarice Mesick, Assistant . . . . .	D	1 600
<i>Total, Children's Clinic . . . . .</i>		<u>\$ 5 500</u>
<b>Dental Pathology and Therapeutics</b>		
1. J. R. Blayney, Associate Director of Infirmary . . . . .	D	. . . . .
Professor . . . . .	A	\$ 6 000
2. R. G. Kesel, Assistant Professor . . . . .	D	3 300
3. E. C. Wach, Associate . . . . .	DG50	1 500
4. Anita Ellingson, Instructor . . . . .	D	2 200
5. M. K. Hine, Instructor . . . . .	DG50	1 000
6. Evelyn Anderson, Technician . . . . .	D	1 800
<i>Total, Dental Pathology and Therapeutics . . . . .</i>		<u>\$15 800</u>
<b>English</b>		
1. Mrs. Nell Snow Talbot, Associate . . . . .	D	1 000
(See Dental Administration . . . . .)		2 750)
(Total salary . . . . .)		3 750)
<b>Histology</b>		
1. I. Schour, Associate Professor . . . . .	D	4 000
2. Frances Schwab, Instructor . . . . .	D	2 200
<i>Total, Histology . . . . .</i>		<u>\$ 6 200</u>
<b>Infirmary</b>		
1. V. T. Nylander, Director of Infirmary . . . . .	DG	. . . . .
Professor . . . . .	AG60	. . . . .
(Salary under Operative Dentistry)		
2. J. R. Blayney, Associate Director of Infirmary . . . . .	D	. . . . .
Professor . . . . .	A	. . . . .
(Salary under Dental Pathology and Therapeutics)		
3. J. S. Kellogg, Director of Prosthetic Infirmary . . . . .	D	. . . . .
Professor . . . . .	A	. . . . .
(Salary under Prosthetic Dentistry)		
4. Paul Lilja Lane, Examiner, Associate . . . . .	DG60	\$ 2 500
5. K. F. Knudtson, Associate (two half days each week) . . . . .	DG	No salary
6. Carolyn Peterson, Nurse (C. S.) . . . . .		2 000
7. Jessie M. Gustin, Nurse (C. S.) . . . . .		1 500

		<i>Salary</i>
8. G. Swanson, Technician.....	D	2 700
9. Alida Y. Shultheis, Clerk (C. S.).....		1 500
10. Anne Toomey, Clerk (C. S.).....		1 800
11. Maude Gubbins, Filing Clerk (C. S.).....		1 500
<i>Total, Infirmary.....</i>		<u>\$ 13 500</u>

**Operative Dentistry**

1. D. M. Gallie, Professor of Clinical Operative Dentistry (4 hours each week).....	AG	\$ 1 200
2. V. T. Nylander, Director of Infirmary.....	DG	} 60 4 500
Professor.....	AG	
3. E. J. Krejci, Associate.....	DG50	2 400
4. T. W. Humble, Associate.....	DG50	1 500
5. R. K. Baxter, Associate.....	DG33	1 400
6. C. V. Shoskey, Instructor.....	DG50	1 100
7. C. M. Buckman, Instructor.....	DG50	1 000
<i>Total, Operative Dentistry.....</i>		<u>\$ 13 100</u>

**Oral Surgery**

1. F. B. Moorehead, Professor.....	AG50	\$ 5 000
2. L. Schultz, Professor (4 hours each week).....	AG	1 200
3. R. L. Ladd, Assistant Professor.....	DG60	3 250
4. E. Olech, Associate.....	DG25	1 100
5. H. J. Droba, Associate.....	DG25	1 000
6. Anna Rieke, Instructor.....	D	2 500
7. Mrs. Nellie M. Frain, Artist.....	DG75	.....
(Salary under Medical and Dental Illustration)		
8. Marie Westgate, Technician.....	D	1 700
<i>Total, Oral Surgery.....</i>		<u>\$ 15 750</u>

**Orthodontia**

1. F. B. Noyes, Dean.....	DG	} 50 .....
Director of Children's Clinic.....	DG	
Professor of Orthodontia.....	AG	
(Salary under Administration)		
2. A. G. Brodie, Professor.....	DG50	4 500
3. B. O. Sippy, Professor.....	AG30	2 250
4. Mary Newell, Instructor (3 hours each week).....	DG	480
5. E. W. Myer, Instructor (4 hours each week for 4 months from February 1, 1932).....	FG	No salary
6. Alta E. Kamnetz, Technician.....	D	1 500
7. Bess Helen Faust, Assistant.....	D	1 700
<i>Total, Orthodontia.....</i>		<u>\$ 10 430</u>

**Prosthetic Dentistry**

1. G. W. Dittmar, Professor of Clinical Prosthetic Dentistry (4 hours each week).....	AG	1 200
2. S. D. Tylman, Professor.....	AG60	4 500
3. J. S. Kellogg, Professor, Director of Prosthetic Infirmary..	A	5 500
4. W. H. Kubacki, Professor.....	A	4 500
5. G. Kolar, Associate.....	DG50	1 300
6. R. A. Jentzsch, Associate.....	DG50	1 300
7. W. B. Downs, Associate.....	DG50	1 300
8. L. D. Kaplin, Instructor.....	DG50	1 100
9. F. N. Bazola, Instructor.....	DG50	1 100
10. W. Bray, Instructor (18 hours per week).....	DG	1 100
11. _____, Technician.....	D	960
<i>Total, Prosthetic Dentistry.....</i>		<u>\$ 23 760</u>

		Roentgenology	Salary
1.	Mrs. Helen B. Notestein, Instructor.....	D	\$ 1 700
2.	Judith M. Williams, Technician.....	D	1 200
	<i>Total, Roentgenology</i> .....		<u>\$ 2 900</u>
<b>Technical Drawing</b>			
1.	C. Kerrick, Instructor (5 hours each week, 1 semester)....	DG	\$ 600
<b>SCHOOL OF PHARMACY</b>			
<b>Botany and Materia Medica</b>			
1.	W. B. Day, Professor.....	A	.....
	Dean.....	D	\$ 7 500
2.	E. N. Gathercoal, Professor of Pharmacognosy.....	A	5 000
3.	E. H. Wirth, Assistant Professor of Pharmacognosy.....	B	4 000
4.	Esther Meyer, Instructor in Bacteriology.....	E	2 400
5.	P. D. Carpenter, Instructor.....	E	2 400
6.	J. A. Dorjahn, Instructor in Pharmacognosy.....	E	2 400
7.	J. T. Groot, Lecturer in Physiology (second semester only) (6 hours each week).....	FG	600
8.	Vivian J. Stuchlik, Assistant.....	E	1 350
9.	L. B. Eyer, Assistant.....	E	1 600
10.	R. S. Adamson, Assistant.....	E	1 300
11.	Gerston Bruch, Assistant.....	E	1 300
<b>Chemistry</b>			
12.	A. H. Clark, Professor.....	A	5 000
13.	H. L. Davis, Assistant Professor.....	B	4 000
14.	G. L. Webster, Associate.....	D	3 300
15.	C. W. Clarke, Associate.....	D	3 300
16.	R. A. Patelski, Instructor.....	E	2 000
17.	Rebecca Rosenblum, Assistant.....	E	1 800
18.	E. R. P. Kirch, Assistant.....	E	1 500
19.	P. G. Soderdahl, Assistant.....	E	1 500
20.	Solomon Gershon, Assistant.....	E	1 300
21.	Marion Kasbeer, Assistant.....	E	1 500
<b>Pharmacy</b>			
22.	C. M. Snow, Professor.....	A	5 000
23.	R. E. Terry, Assistant Professor.....	D	4 000
24.	S. W. Morrison, Associate.....	DG <sub>50</sub>	1 750
	(See College of Medicine.....)	DG <sub>50</sub>	1 750)
	(Total salary.....)		3 500)
25.	L. E. Martin, Instructor.....	E	2 700
26.	H. M. Emig, Associate.....	E	2 700
27.	Samuel Shkolnik, Instructor.....	D	2 600
28.	J. C. Ocenasek, Assistant.....	E	2 000
29.	Bernard Brody, Assistant.....	E	1 300
30.	R. M. Reifler, Assistant.....	E	1 800
31.	Laurence Templeton, Assistant.....	E	1 800
32.	Max Waytz, Assistant.....	E	1 300
33.	W. R. Collins, Assistant.....	E	1 000
	(See College of Medicine.....)		1 000)
	(Total salary.....)		2 000)
<b>General</b>			
34.	A. Burger, Technician.....	E	1 200
35.	K. B. Teague, Technician.....	E	1 200
36.	Mary M. Scanlan, Secretary to the Dean (Exempt).....	D	2 100
37.	Mrs. Dorothea M. Wheeler, Clerk and Library Attendant (C. S.).....		1 600
38.	Tillie Tinsky, Stenographer (C. S.).....		1 500
39.	Leona M. Frankovich, Stenographer (C. S.).....		1 320
	<i>Total, School of Pharmacy</i> .....		<u>\$ 91 920</u>

## NON-RECURRING APPROPRIATIONS

## Group I—Chargeable to 1931-32 Income

Graduate School		
a. Illinium Research.....	\$	5 000
b. Archeological Explorations.....		10 000
Library Additions.....		6 000
College of Liberal Arts and Sciences: Equipment.....		10 000 <sup>1</sup>
College of Medicine: Equipment.....		15 000 <sup>1</sup>
College of Dentistry		
a. Special Research.....		4 200
b. Equipment.....		2 300 <sup>1</sup>
College of Fine and Applied Arts		
a. Art Equipment.....		1 000 <sup>1</sup>
b. Music Equipment.....		800 <sup>1</sup>
College of Education: Equipment for High School Laboratory.....		500 <sup>1</sup>
<i>Total, included in 1931-32 Budget.....</i>	\$	54 800

## Group II—Chargeable to June 30, 1931, Balance

College of Engineering: Equipment.....	15 000 <sup>1</sup>	
College of Agriculture: Tractor.....	1 400 <sup>1</sup>	
Military Bands: Equipment.....	2 500	
Alumni News.....	3 000	
Illinois Union: Use of meeting rooms.....	1 000	
Radio Station: Broadcasting facilities.....	700	
Registrar's Office: Equipment.....	360	
College of Medicine: Balance of W. H. Browne salary.....	834	
<i>Total, not included in 1931-32 Budget.....</i>		24 794
<i>Grand Total.....</i>		\$ 79 594

## 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:

	Estimated Expenditures		
	Salaries	Expense and Equipment	Total
Woman's Residence Halls.....	\$5 325 00	\$89 675 00	\$95 000 00
Davenport House.....	1 425 00	16 575 00	18 000 00
McKinley Hospital.....	2 500 00	37 500 00	40 000 00
Tenant Properties <sup>2</sup> .....		3 000 00	3 000 00
<i>Total.....</i>	<u>\$9 250 00</u>	<u>\$146 750 00</u>	<u>\$156 000 00</u>

<sup>1</sup>Unencumbered balance lapses March 31, 1932.

<sup>2</sup>Balance lapses into General University Income June 30, 1932.

**EXPENDABLE ENDOWMENT INCOME AND GIFT FUNDS  
SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES**

	<i>Estimated Expenditures</i>		
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Scholarship and Fellowship Funds</i>			
Allerton American Traveling Scholarships in Architecture..... \$	800 00 <sup>1</sup>		800 00
Anonymous Scholarships in Civil Engineering.....	1 200 00		1 200 00
Dupont Fellowship in Chemistry.....	750 00 <sup>1</sup>		750 00
E. A. Wallace Memorial Scholarship.....	500 00 <sup>1</sup>		500 00
Francis J. Plym Fellowships and Prizes in Architecture.....	2 300 00 <sup>1</sup>		2 300 00
Graduate Scholarships and Fellowships in Public Utilities.....	5 000 00 <sup>1</sup>		5 000 00
John M. and Louisa C. Gregory Scholarships.....	350 00 <sup>1</sup>		350 00
Robert F. Carr Fellowship in Chemistry.....	750 00 <sup>1</sup>		750 00
Robert Laughlin Rea Scholarships in the College of Medicine.....	330 00 <sup>2</sup>		330 00
Estimated Additional Funds <sup>2</sup> .....	3 000 00 <sup>1</sup>		3 000 00
<i>Total, Scholarships and Fellowships</i> .....	(14 980 00)		(14 980 00)
<i>Prize Funds</i>			
English Poetry Prize.....		50 00	50 00
Ira O. Baker Prize.....		150 00	150 00
Thatcher Howland Guild Memorial Prize Fund for Students' Poems and One-Act Plays.....		25 00	25 00
Thrift Committee Economics Prize.....		100 00	100 00
William Jennings Bryan Prize for Students' Essays on Government.....		15 00	15 00
<i>Total, Prize Funds</i> .....		(340 00)	(340 00)
<i>Total, Scholarships, Fellowships, and Prizes</i> .....	\$14 980 00	\$340 00	\$15 320 00
<b>MISCELLANEOUS</b>			
Margaret Lange James Student Loan Fund Annuity.....		\$ 250 00	\$250 00
K. C. Babcock Fellowships in History and Political Science Annuity.....		2 975 00	2 975 00
Jessie Estep Class of 1878 Clock Maintenance Fund.....		20 00	20 00
W. B. McKinley Hospital Endowment.....		700 00	700 00
Other Expendable Funds			
Accountancy Committee (C.P.A. Examinations).....	2 250 00	7 750 00	10 000 00
Carter-Pennell Farm Operations..		4 000 00	4 000 00
<i>Total, Miscellaneous</i> .....	\$2 250 00	\$15 695 00	\$17 945 00

<sup>1</sup>Estimated salaries. No appointments included in budget.

<sup>2</sup>Estimated new funds and renewals of present funds.

## STORES AND SERVICE DEPARTMENTS

The following accounts are revolving accounts to which labor and material is temporarily charged pending the completion of work or delivery of material to departments after which it is charged at cost to the appropriations of the departments receiving the material and service. Some service is also rendered to student and other organizations and billed to them. The balances, receipts, and credits of these accounts are appropriated for these purposes:

	<i>Estimated Balance July 1</i>	<i>Estimated Total Transactions for Year</i>
<i>Storerooms</i> —balances represented by material on hand.		
Office Supply Stores.....	\$26 000 00	\$ 60 000 00
Physical Plant Stores.....	48 000 00	110 000 00
General Chemical Stores.....	27 000 00	65 000 00
Postage Stores.....	500 00	20 000 00
Coal Stores.....	7 000 00	100 000 00
Chicago General Stores.....	4 000 00	15 000 00
Feed Storage.....	5 000 00	25 000 00
<i>Service Departments</i> —Balances represented by work in process and material on hand.		
Physical Plant Job System.....	50 000 00	1 300 000 00
Print Shop.....	5 000 00	100 000 00
Blueprinting and Photography.....	4 000 00*	11 000 00
Stenographic Bureau.....	500 00*	8 000 00
Applied Chemistry Testing.....	1 000 00*	5 500 00
Organic Chemical Manufactures.....	3 000 00*	10 000 00
Chicago Job System.....	400 00	85 000 00
Chicago Animal Hospital.....	100 00	5 000 00
Tabulating Machines Operation.....	200 00*	1 000 00
Vending Machines.....	300 00	500 00
<i>Total (Not included in Budget Totals).....</i>	<i>\$164 600 00</i>	<i>\$1 921 000 00</i>

## DEPOSIT FUNDS

The following accounts are deposit accounts to which deposits are made by students for the use of certain equipment and facilities and against which refunds are charged when the equipment or facilities have been vacated. The balances and receipts of these accounts are appropriated for this purpose.

	<i>Estimated Total Deposits 1931-32</i>
Band Uniforms.....	\$ 3 000 00
Chicago Student Deposits.....	5 000 00 <sup>1</sup>
Graduate School Thesis Deposits.....	2 000 00
Key Deposits.....	200 00
Military Department Fund.....	200 00
Military Deposits.....	60 000 00
Towel Fund—Men's.....	2 000 00 <sup>2</sup>
Towel Fund—Women's.....	800 00
Military Uniforms.....	12 000 00
<i>Total (Not included in Budget Totals).....</i>	<i>\$85 200 00</i>

<sup>1</sup>Balance lapses into General Funds June 30, 1932.

<sup>2</sup>Balance lapses into General Funds September 1, 1932.

**APPOINTMENT OF MCKINLEY PROFESSOR**

(21) A recommendation that Dean C. M. Thompson of the College of Commerce be appointed McKinley Professor of the Economics of Public Utilities and Head of the Department of Public Utilities and Transportation, in addition to his positions as Dean of the College of Commerce and Business Administration and Director of the Bureau of Business Research. This recommendation is a part of the proposed reorganization of the work in Public Utilities and involves no change in Dean Thompson's salary.

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

**OFFICE OF UNIVERSITY COUNSEL**

(22) A recommendation that there be established in the University the Office of University Counsel and Professor of Law and that Professor Sveinbjorn Johnson of the College of Law be appointed to this office at a salary of \$8,500.

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

**APPOINTMENTS TO CLINICAL FACULTY OF COLLEGE OF MEDICINE**

(23) A recommendation that the following appointments be made to the Clinical Faculty of the College of Medicine; this list does not include recommendations from the Departments of Pathology, Bacteriology, and Laryngology, Rhinology, and Otolaryngology, which will be made later on, and which I recommend the President of the University be authorized to approve when submitted:

*Department of Anatomy*

BURTON RICHARD BANCROFT, B.S., M.D., *Assistant* (1 year)  
 JOHN BENJAMIN BATKO, B.S., M.D., *Assistant* (1 year)  
 MILO VACIN, M.D., *Assistant* (1 year)  
 SAMUEL ISSAC WEINER, B.S., M.D., *Assistant* (1 year)  
 SAMUEL J. BURROWS,<sup>1</sup> M.D., *Assistant* (1 year)  
 EARL E. MADDEN,<sup>1</sup> B.S., M.D., *Assistant* (1 year)

*Department of Dermatology*

LEONARD F. WEBER, M.D., *Assistant Professor* (1 year)  
 MARCUS RAYNER CARO, B.S., M.D., *Instructor* (1 year)  
 HENRY R. KRASNOW, M.D., *Instructor* (1 year)  
 HERBERT RATTNER, M.D., *Instructor* (1 year)  
 EARLE R. PACE, A.B., M.D., *Assistant* (1 year)  
 MINNIE O. PERLSTEIN, B.S., M.D., *Instructor* (1 year)  
 HENRY C. SCHORR, B.S., *Assistant* (1 year)

*Department of Internal Medicine*

MAURICE LEWISON, M.D., *Professor of Physical Diagnosis* (Indef.)  
 SIDNEY STRAUSS, A.B., M.D., *Professor* (Indef.)  
 FRANK CHAUVET, M.D., *Associate Professor* (Indef.)  
 BENJAMIN GOLDBERG, M.D., *Associate Professor* (1 year)  
 JACOB MEYER, B.S., M.S., M.D., *Associate Professor* (1 year)  
 ERNEST SISSON MOORE, Ph.B., M.D., *Associate Professor* (Indef.)  
 ISADORE PILOT, B.S., M.D., *Associate Professor* (1 year)  
 ELLIS B. FRELICH, M.D., *Assistant Professor* (2 years)  
 HERMAN PETRUS GUNNAR, B.S., M.D., *Assistant Professor* (2 years)  
 SAMUEL PERLSTEIN, M.D., *Assistant Professor* (2 years)  
 FRANKLIN S. WILSON, Ph.G., M.D., *Assistant Professor* (2 years)  
 ISIDORE A. RABENS, B.S., M.S., M.D., *Associate* (1 year)  
 MOSES GOLDWASSER, M.D., *Associate* (1 year)  
 MILTON HENRY KRONENBERG, B.S., M.D., *Associate* (1 year)  
 LEO E. AMTMAN, B.S., M.D., *Instructor* (1 year)  
 MAX T. BOLOTIN, B.S., M.D., *Instructor* (1 year)  
 CURTIS BUFORD BOWMAN, B.S., M.D., *Instructor* (1 year)  
 WALTER WILLIAM DALITSCH, B.S., M.D., *Associate* (1 year)  
 LOUIS FELDMAN, B.S., M.D., *Associate* (1 year)

<sup>1</sup>Appointment on salary basis 1930-31

JACOB FISHER, B.S., M.D., *Instructor* (1 year)  
 LOUIS BERNARD KARTOON, B.S., M.D., *Instructor* (1 year)  
 DIETRICH KLEMPFNER, M.D., *Associate* (1 year)  
 TELL NELSON, B.S., M.D., *Instructor* (1 year)  
 OSCAR B. RAGINS, B.S., M.D., *Instructor* (1 year)  
 OSCAR RICHTER, B.S., M.D., *Associate* (1 year)  
 HAROLD H. ROSENBLOOM, B.S., M.D., *Instructor* (1 year)  
 SAUL S. SOLOWAY, B.S., M.D., *Instructor* (1 year)  
 MELVIN LOUIS AFREMOW, B.S., M.D., *Assistant* (1 year)  
 ISRAEL BECKER, B.S., M.D., *Instructor* (1 year)  
 MYRTLE BARBARA CRUDIM, B.S., M.D., *Assistant* (1 year)  
 GEORGE EDWARD DE TRANA, B.S., M.D., *Assistant* (1 year)  
 MAX ELEAGER FISCH, B.S., M.S., M.D., *Assistant* (1 year)  
 HYMEN WILLIAM GOLUB, B.S., M.D., *Assistant* (1 year)  
 EUGENE GROSZ, B.S., M.D., *Assistant* (1 year)  
 JULIUS GURVEY, A.B., B.S., M.D., *Assistant* (1 year)  
 OTTO GUSTAV KLEIN, A.B., B.S., *Assistant* (1 year)  
 ALEX GEORGE MARSHALL, B.S., M.D., *Instructor* (1 year)  
 BENJAMIN PEARLMAN, B.S., M.D., *Assistant* (1 year)  
 FRANK E. NAGEL, JR., B.S., M.D., *Assistant* (1 year)  
 KENNETH J. SMITH, B.S., M.D., *Assistant* (1 year)  
 MARSHALL E. YONAN, B.S., M.D., *Assistant* (1 year)  
 BERNARD JOHN CIGRAND, B.S., M.S., D.D.S., *Lecturer in Medical History*<sup>1</sup>

*Department of Neurology and Psychiatry*

HAIM DAVIS, M.D., *Professor of Clinical Psychiatry* (Indef.)  
 JACOB PASKIND, M.D., *Assistant* (1 year)  
 ALFRED P. SOLOMON, A.B., M.D., *Instructor* (1 year)  
 RUTH LEBENSART, M.D., *Assistant* (1 year)

*Department of Obstetrics and Gynecology*

EGAN WALTER FISCHMANN, M.D., *Associate Professor of Gynecology* (1 year)  
 WALTER CHARLES HAMMOND, M.D., *Assistant Professor of Obstetrics* (1 year)  
 JULIUS ERNEST LACKNER, B.S., M.D., *Assistant Professor of Obstetrics and Gynecology*  
 (1 year)  
 JOHN MICHAEL LANG, M.D., *Assistant Professor of Gynecology* (1 year)  
 ABRAHAM FAE LASH, B.S., M.D., M.S., Ph.D., *Assistant Professor of Obstetrics and Gynecology* (1 year)  
 FRANK LEE STONE, M.D., *Assistant Professor of Gynecology* (1 year)  
 GOLDBE HOFFMAN, M.D., *Associate in Gynecology* (1 year)  
 CHARLES NEWBERGER, B.S., M.D., *Assistant Professor of Obstetrics* (1 year)  
 FRANK MAX WITTELLE, B.S., M.D., *Associate in Obstetrics* (1 year)  
 ALFONS R. BACON, B.S., M.D., *Instructor in Obstetrics* (1 year)  
 MAT BLOOMFIELD, B.S., M.D., *Instructor in Obstetrics* (1 year)  
 JOHN AMBROSE CLARK BUSBY, B.S., M.S., M.D., *Instructor in Obstetrics* (1 year)  
 SOL LITT, B.S., M.D., *Instructor in Obstetrics* (1 year)  
 LEON WADE MARTIN, M.D., *Associate in Obstetrics* (1 year)  
 HARRIET ILER SKEMP, B.S., M.D., *Instructor in Obstetrics and Gynecology* (1 year)  
 JAMES HERBERT SKILES, A.B., M.D., *Associate in Obstetrics* (1 year)  
 LEON PHILIP BELOUS, M.D., *Assistant in Obstetrics and Gynecology* (1 year)  
 HERMAN ALFRED JACOBSON, B.S., M.D., *Assistant in Obstetrics* (1 year)  
 HENNING MELVILLE SWENSON, B.S., M.D., *Assistant in Obstetrics and Gynecology*  
 (1 year)

*Department of Ophthalmology*

EPHRAIM K. FINDLEY, M.D., C.M., *Professor* (1 year)  
 HIRAM JASON SMITH, M.D., *Assistant Professor* (1 year)  
 CARL APPLE, B.S., M.D., *Instructor* (1 year)  
 SAMUEL KAUFMAN, M.S., *Associate* (1 year)  
 OTTO LEONARD KAHN, M.D., *Assistant* (1 year)  
 HENRY GODFREY STOLL, *Assistant* (1 year)

<sup>1</sup>See appointment in Salary Budget for 1931-1932.

*Department of Pediatrics*

JULIUS HAYES HESS, M.D., *Professor* (Indef.)  
 HENRY EUGENE IRISH, M.D., *Professor* (Indef.)  
 MAURICE LAMM BLATT, M.D., *Professor* (Indef.)  
 MAXWELL PHILIP BOROVSKY, B.S., M.D., *Assistant Professor* (1 year)  
 LESTER EDWARD BOWER, A.B., M.D., *Assistant Professor* (1 year)  
 JOSEPH K. CALVIN, B.S., M.D., *Assistant Professor* (1 year)  
 PHILIP ROSENBLUM, M.D., *Assistant Professor* (1 year)  
 IRIS MCKY CHAMBERLAIN, M.D., *Associate* (1 year)  
 SOLOMON MAXWELL GOLDBERGER, M.D., *Associate* (1 year)  
 JOSEPH GREENGARD, 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)  
 CARL COHEN, B.S., M.D., *Instructor* (1 year)  
 MAX E. ENGERMAN, B.S., M.D., *Instructor* (1 year)  
 BENJAMIN GASUL, B.S., M.D., *Instructor* (1 year)  
 ROBERT LUDWICK FURBY, M.D., *Instructor* (1 year)  
 LOUIS JOSEPH HALPERN, B.S., M.D., *Instructor* (1 year)  
 SAMUEL I. HOFFMAN, B.S., M.D., *Instructor* (1 year)  
 HARRY LEICHENGER, B.S., M.D., *Instructor* (1 year)  
 BENJAMIN MORDECAI LEVIN, B.S., M.D., *Instructor* (1 year)  
 NORBERT PAUKER, B.S., M.D., *Instructor* (1 year)  
 JOHN ANTHONY SULDANE, M.D., *Instructor* (1 year)  
 CLARA DEBORAH TIGAY, B.S., M.D., *Assistant* (1 year)

*Department of Surgery*

FREDERICK GEORGE DYAS, M.D., *Professor* (Indef.)  
 CHARLES EDWARD HUMISTON, M.D., *Professor* (Indef.)  
 NELSON MORTIMER PERCY, M.D., *Professor* (Indef.)  
 GEORGE DE TARNOWSKY, M.D., *Professor* (Indef.)  
 GEORGE LUTHER DAVENPORT, M.D., *Assistant Professor* (Indef.)  
 FRANK JOSEPH JIRKA, M.D., *Assistant Professor* (1 year)  
 HAROLD E. JONES, M.D., *Assistant Professor* (1 year)  
 SELIM WALKER MCARTHUR, Ph.B., M.D., *Assistant Professor* (1 year)  
 ARTHUR RAY METZ, A.B., M.D., *Assistant Professor* (1 year)  
 AUGUSTUS GEORGE ZIMMERMAN, LL.B., M.D., *Assistant Professor* (1 year)  
 DENNIS R. W. CRILE, B.S., M.D., *Assistant Professor* (1 year)  
 MINAS JOANNIDES, M.D., *Associate* (1 year)  
 RALPH AUGUST KORDENAT, B.S., M.D., *Assistant Professor* (1 year)  
 JOHN DOUGLAS KOUCKY, B.S., M.S., M.D., *Assistant Professor* (1 year)  
 MILTON HENRY KRONENBERG, B.S., M.D., *Associate* (1 year)  
 ROBERT BRUCE MALCOLM, M.S., M.D., *Assistant Professor* (1 year)  
 JACOB MORTON MORA, B.S., M.D., *Assistant Professor* (1 year)  
 P. JOSEPH SARMA, B.S., M.D., *Associate* (1 year)  
 LINDON SEED,<sup>1</sup> A.B., M.S., M.D., *Assistant Professor* (1 year)  
 VIRGIL RAY STEPHENS, B.S., M.D., *Associate* (1 year)  
 HAWTHORNE COLLINS WALLACE, A.B., M.D., *Associate* (1 year)  
 GUSTAV LEOPOLD ZECHEL, M.D., *Associate* (1 year)  
 CARL OSCAR ALMQUIST, B.S., M.D., *Instructor* (1 year)  
 PERCY JOSEPH DELANO, B.S., M.D., *Instructor* (1 year)  
 ARCHIE JAMES GRAHAM, A.B., M.D., *Instructor* (1 year)  
 RUDOLPH J. E. ODEN, A.B., M.D., *Instructor* (1 year)  
 EMIL JAMES STEIN, M.D., *Instructor* (1 year)  
 HARRY OSCAR WERNICKE, A.B., M.D., *Instructor* (1 year)  
 DAVID ARTHUR WILLIS, B.S., M.D., *Instructor* (1 year)  
 BENJAMIN BRAUDE, B.S., M.S., M.D., *Assistant* (1 year)  
 ALEX GEORGE MARSHALL, B.S., M.D., *Assistant* (1 year)  
 MORRIS LOUIS PARKER, B.S., M.D., *Assistant* (1 year)

*Genito-Urinary Surgery*

CHARLES MORGAN MCKENNA, B.S., M.D., *Professor* (Indef.)  
 VINCENT JOHN O'CONNOR, B.S., M.D., *Assistant Professor* (1 year)

<sup>1</sup>Appointment on salary basis 1930-1931.

EDWIN WALTER HIRSCH, B.S., M.D., *Associate* (1 year)  
 JOSEPH WALKON PLATIN, M.D., *Instructor* (1 year)

*Department of Orthopedics*

FRANK GEORGE MURPHY, B.S., M.D., *Assistant Professor* (1 year)  
 WALTER RATHFON FISCHER, B.S., M.D., *Instructor* (1 year)  
 WILLIAM A. MARSHALL, M.D., *Instructor* (1 year)  
 TIMOTHY FRANCIS MULLEN, B.S., M.D., *Instructor* (1 year)  
 HECTOR MORRISON ROSS, M.D., *Instructor* (1 year)  
 CARLO SALVADORE SCUDERI, B.S., M.D., *Instructor* (1 year)

*Department of Social Hygiene, Criminology, and Medical Jurisprudence*

PAUL L. SCHROEDER, B.S., M.D., *Professor and Head of Department* (1 year)  
 RACHELLE YARROS, M.D., *Professor of Social Hygiene* (1 year)  
 HANS DEUTSCH, Ph.B., M.D., *Associate* (1 year)  
 LOWELL SELLING, A.B., A.M., M.S., Ph.D., M.D., *Instructor* (1 year)  
 SARA GERTRUDE GEIGER, A.B., B.E., M.D., *Instructor* (1 year)  
 R. G. BARRICK, *Assistant Professor* (1 year)

On motion of Dr. Noble, these recommendations were adopted.

**APPROPRIATION FOR ALUMNI ASSOCIATION**

(24) A request from the officers of the University of Illinois Alumni Association for an appropriation of \$2,300, to supplement the present annual appropriation of \$3,000 which is being made for the *Illinois Alumni News*, for the year 1931-32, to enable the Association to send copies of the *Illinois Alumni News* to all members of the 1931 graduating class for one year. This is a modification of a previous request made in January for an appropriation of \$4,600 for this purpose. The modified estimate is on the basis of one dollar per senior.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**APPROPRIATION FOR SUMMER SESSION, 1931**

(25) A recommendation that an appropriation of \$2,500, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the current Summer Session, to be used as a contingent fund for salaries and expense and equipment.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**APPROPRIATION FOR UNIVERSITY PRESS**

(26) A recommendation that an appropriation of \$5,900 be made from the Reserve and Contingent Fund to the University Press for the purchase of the following equipment:

Cylinder Press Feeder (Replacement).....	\$2 700
Four tons of type metal.....	1 000
Monomelt type-melting system.....	2 200
<i>Total</i> .....	<u>\$5 900</u>

This is to supplement the list of Special Non-Recurring Appropriations for the year 1931-32 already recommended in the budget as submitted.

On motion of Mr. Williams, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### THE ATHLETIC ASSOCIATION BUDGET

(27) The Board of Directors of the Athletic Association submits its budget for the year 1931-32 and I recommend that it be referred to the Finance Committee for consideration and report.

On motion of Dr. Noble, this budget was referred to the Finance Committee for consideration and report.

#### GIFTS TO THE UNIVERSITY

(28) The following report of gifts received by the University since the last report:

1. From a prominent graduate of the College of Engineering, the sum of \$2,400 to be used for three \$400 graduate scholarships in civil engineering for a two-year period.

2. From the Wilson Laboratories, the sum of \$375 to be used for research work in connection with the relation of spleen extract to certain skin conditions.

3. From Mr. L. V. James of the Midland Division of National Lamp Works to the Department of Electrical Engineering, two bracket cabinets arranged with transparencies to illustrate various methods of electric street lighting and flood lighting installations. The total value of this gift is approximately \$300.

4. From Mrs. Alice E. Pelikan of the Class of 1917, School of Pharmacy, the sum of \$25 as a prize to be awarded annually to a member of the graduating class of the School of Pharmacy for excellence in the subject of materia medica.

5. From Dr. and Mrs. H. O. Deuss of Chicago, a biennial prize of \$100 for research work in the field of allergy, to be known as the James Burkett Deuss Memorial. (Doctor Deuss is one of the younger men on the staff of the College of Medicine and the prize is a memorial to his son who died of asthma.)

6. From the Chemical Foundation of New York the sum of \$625 to assist Professor Roger Adams of the Department of Chemistry in completing his work on synthetic preparations to replace chaulmoogra oil in the treatment of leprosy.

7. From Lewis M. Ellison of the Ellison Draft Gage Company a steam calorimeter valued at approximately \$150.

This report was received for record.

#### INTEREST ON THE HART MORTGAGE

(29) A report from the Comptroller that the full amount of interest due on the Hart mortgage as of December 16 has been collected but that it has not yet been possible to collect the interest on the Martin mortgage due January 7, 1931, which amounts to \$262.50.

This report was received for record.

#### PORTRAITS OF PROFESSORS PARR, NOYES, AND PALMER

(30) Professor Roger Adams of the Department of Chemistry reports that the alumni of that department desire to have portraits of Professor S. W. Parr, Professor W. A. Noyes and Professor A. W. Palmer painted by Professor C. E. Bradbury of the Department of Art, and to present them to the University to be hung in the Chemistry Library. A committee of the faculty appointed to pass upon the artistic quality of these portraits, in accordance with the rules of the Board governing the acceptance of objects of art, reports that these portraits will be entirely acceptable from that point of view and accordingly I recommend the approval of the project.

On motion of Mrs. Grigsby, this project was approved.

#### APPROVAL OF VARIOUS PURCHASES

(31) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

1. Five hundred and fifty cases of paper towels for the year 1931-32 for the Physical Plant Storeroom from the Scott Paper Company at a price of \$1,897.50.

2. Certain x-ray equipment for the College of Medicine from the General Electric X-Ray Corporation at a price of \$1,267.45 plus an additional \$50 for installation.

3. A low-temperature incubator, costing approximately \$2,500, for the Department of Bacteriology, to be used in investigation and teaching involving the effect of low temperatures on bacteria.

4. A contract with the United Military Stores of Chicago for the purchase of approximately 275 uniforms for advanced R. O. T. C. students for 1931-32 at a price of \$40 per outfit. Prices quoted by dealers on this equipment are all the same, so that the award of the contract is made on the basis of the quality of material and the number of accessories offered with each outfit. The quality of the equipment offered by the United Military Stores is superior or equal to that offered by any of the other dealers.

5. Chemicals needed for laboratory use in the Urbana Departments for the year 1931-32, amounting to \$8,064.24, for the General Chemistry Storeroom, from various concerns; these supplies were purchased on the basis of price, quality, and suitability of grades offered.

6. A supply of Pyrex laboratory glassware, amounting to approximately \$2,700, for the General Chemical Storeroom, from the A. Daigger and Company of Chicago. Pyrex glassware is not a competitive item and is sold at list prices and discounts prescribed by the manufacturers, so that the order is placed upon the basis of the service which the various dealers are able to render.

7. Three hundred boiler tubes for use in the Boiler House Addition, from the Chicago Tube and Iron Company, who submitted the lowest quotation at a price of \$1,668.60, f.o.b., Urbana.

8. One electric elevator for the large testing machine in the Materials Testing Laboratory, from the Montgomery Elevator Company of Moline, Illinois, the low bidder, at a contract price of \$4,100, plus the expenses of power line and other installation not to exceed \$400. Funds for this are available in the Special Equipment Appropriation of the College of Engineering for the current year.

On motion of Dr. Noble, these purchases were approved.

#### **APPROPRIATION TO THE DEPARTMENT OF SOCIOLOGY**

(32) Last fall at the request of the State Probation Officer the Governor assigned \$500 for a study of probation to be made under the direction of Professor Donald R. Taft of the Department of Sociology in selected counties of the State. This work has been brought to a point at which it is desirable to include a thorough study of delinquency in one of the smaller Illinois cities. The work can be done this summer, and I recommend an appropriation of \$2,000, or so much thereof as may be necessary, from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Armstrong, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### **CHICAGO ILLINAE CLUB LOAN FUND**

(33) The Chicago Illinae Club wishes to establish a loan fund for women students, the initial amount of the fund to be \$200 with the expectation of adding to it at the rate of one hundred dollars a year. The fund is to be administered under the general University regulations governing loan funds in addition to the one restriction that loans from it are to be made to women students only.

On motion of Mrs. Evans, the fund was accepted, and the President of the University was requested to express the thanks of the Board to the donors.

#### **COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS**

(34) The following report from the Comptroller of contracts and purchase orders executed since the last report:

**CONTRACTS EXECUTED BY THE COMPTROLLER  
MAY 9, 1931, TO JUNE 9, 1931**

Cooperative research agreements executed with the approval of the Board of Trustees in meeting of May 14, 1931, minutes, pages 219 and 220.

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
Super Power Company of Illinois	\$2 500	April 17, 1931	For cooperative investigation to study land occupancy by transmission line towers by Agricultural Experiment Station
North Shore Coke and Chemical Company	5 000	May 26, 1931	For cooperative investigation of chemical reactions of methane gas by Engineering Experiment Station

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of March 12, 1931, minutes, page 187:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
Association of Manufacturers of Chilled Car Wheels	\$3 800	March 18, 1931	For cooperative investigation of frictional qualities of railway brake shoes by the Engineering Experiment Station

Purchase agreement executed in accordance with report to Board of Trustees in meeting, February 5, 1931, minutes, page 153:

<i>Name</i>	<i>Amount to be paid by the University</i>	<i>Date</i>	<i>Item</i>
British Museum of London, England	£640	April 30, 1931	Two complete sets of new British Museum Catalogues

Minor contract executed under general regulations:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular fees	May 19, 1931	Regular instruction in College of Agriculture to be rendered to Mr. R. Kirkley for one year from February 1, 1931

**PURCHASE ORDERS ISSUED IN MAY NOT OTHERWISE  
REPORTED TO THE BOARD**

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation made in budget for</i>	<i>Procedure</i>
Producers Commission Association	Steers <sup>1</sup>	\$1 654 25	Animal Husbandry	Beef Cattle Station	Quoted
Carnegie Steel Company	Test Rails <sup>1</sup>	1 455 47	Theoretical and Applied Mechanics	Rails Investigation	Quoted

This report was received for record.

**APPOINTMENT OF PROFESSOR HARRIS F. FLETCHER AS  
ASSISTANT DEAN OF THE COLLEGE OF  
LIBERAL ARTS AND SCIENCES**

(35) A recommendation that Assistant Professor Harris F. Fletcher of the Department of English be appointed Assistant Dean of the College of Liberal Arts and Sciences beginning September 1, 1931, at a total salary of \$5,000 a year, \$3,400 to be charged to the College of Liberal Arts and Sciences administration and \$1,600 to the Department of English.

On motion of Mr. Trees, this appointment was made.

<sup>1</sup>Selected by representatives of department.

**APPOINTMENT OF PROFESSOR CHARLES F. SCHLATTER  
AS ASSISTANT DEAN OF THE COLLEGE OF COMMERCE**

(36) A recommendation that Associate Professor Charles F. Schlatter of the Department of Business Organization and Operation be appointed Assistant Dean of the College of Commerce and Business Administration, in addition to his professorship, at a total salary of \$5,000 a year beginning September 1, 1931.

On motion of Dr. Noble, this appointment was made.

**DEPARTMENTAL REORGANIZATION**

(37) A recommendation that the following departmental reorganization and changes be authorized:

*NEW DEPARTMENTS*

*College of Commerce*

The Department of Public Utilities and Transportation

(This is a reorganization to group together courses which at present are scattered among three departments but which are closely related.)

*College of Medicine*

The Department of Physiology

The Department of Physiological Chemistry

(These were formerly one department.)

The Department of Neurology and Psychiatry

The Department of Pediatrics

(These were formerly divisions or sub-departments of the Department of Internal Medicine.)

The Department of Orthopedics

(This was formerly a division of the Department of Surgery.)

*CHANGES IN TITLES*

In the College of Fine Arts the Department of Art and Design to be the *Department of Art*.

In the College of Dentistry the Department of Materia Medica and Therapeutics to be the *Department of Dental Pathology and Therapeutics*. (This title more nearly describes the work of the Department than the former.)

These recommendations involve no changes in the budget nor any additions to the staff.

On motion of Dr. Noble, this recommendation was adopted.

**TRANSFER OF FUNDS FROM THE UNIVERSITY OF ILLINOIS  
MUTUAL BENEFIT HOSPITAL FUND**

(38) Dean Thomas Arkle Clark, Trustee of the University of Illinois Mutual Benefit Hospital Fund, offers the University the sum of \$2,065.20 from that fund to meet the operating deficit of the McKinley Hospital for the past year. I recommend that this offer be accepted.

On motion of Mr. Armstrong, this gift was accepted.

**PHYSICIANS' EXTENSION COURSES IN ORTHOPEDIC  
SURGERY AND NEUROPSYCHIATRY**

(39) A recommendation from the Dean of the College of Medicine that the following Physicians' Extension Courses in Orthopedic Surgery and Neuropsychiatry be authorized:

Physicians' Extension Course in Orthopedic Surgery

80. Clinical Course.—This course is primarily intended for Post-Graduate Students in the Department of Orthopedic Surgery. It is designed to present and show the importance of examination and systematic development of indications.

The course includes, (a) Attendance at clinics and ward rounds, (b) operative orthopaedic surgery on cadavers, (c) assistance at operations, (d) work in pathology psychiatry, general surgery, physiotherapy, neurology, serology, etc. Hours: to be arranged. Registration limited. Fee for each 4 months period, \$50.00. The Staff

Physicians' Extension Course in Neuropsychiatry

80. Clinical Course.—This course is designed to present methods of examination and indications for treatment. The course includes, (a) Attendance at clinics and ward rounds, (b) work in Anatomy, Physiology, Pathology, Serology, etc. Hours: to be arranged. Registration limited. Fee for each 4 months period, \$50.00. The Staff

This proposal is an extension of an existing policy and is along similar lines. I recommend approval.

On motion of Mrs. Grigsby, these courses were authorized.

ARCHITECT'S FEES ON WOMAN'S GYMNASIUM

(40) The Supervising Architect submits the following statement from Mr. Charles A. Platt for professional services rendered on the Woman's Gymnasium:

CHARLES A. PLATT

Statement to

University of Illinois

WOMEN'S GYMNASIUM  
PROFESSIONAL SERVICES:

Commission in Full.....	\$11 000 00	
DISBURSEMENTS:		
To January 31, 1930.....	\$ 60 28	
From January 31, 1930, to April 30, 1931		
Blueprints .....	\$54 84	
Telegrams, etc.....	7 00	61 84
		<u>\$11 122 12</u>

CREDIT

Cash

Dec. 24, 1929.....	\$ 5 000 00	
Dec. 31, 1929.....	36 32	
Feb. 20, 1930.....	2 000 00	
Feb. 20, 1930.....	23 96	\$ 7 060 28

Balance Due.....		\$ 4 061 84
Amount available in building appropriation....		<u>\$ 3 211 84</u>

Balance to be paid from Physical Plant Extension Fund 1930-31.....		\$ 850 00
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Approved: JAMES M. WHITE

*Supervising Architect*

Mr. Platt has already been paid \$7,000 in fees and \$60.28 in disbursements but has rendered a statement for \$11,000 in fees with additional disbursements amounting to \$61.84. His services, however, have covered a building which it would cost \$500,000 to build and no further services from him will be necessary when the wings are added.

There is available in the appropriation for the building a balance of \$3,211.84 (\$500 of which has already been encumbered to pay a part of Mr. Platt's fees) and there is available in the Physical Plant Extension Fund for 1930-31 \$850 for the balance.

The Supervising Architect recommends that payment be made to Mr. Platt of \$4,061.84 due him, chargeable to the appropriations indicated.

On motion of Mr. Armstrong, this bill was approved for payment.

**ARCHITECT'S FEES ON PRESIDENT'S HOUSE**

(41) A recommendation of the Supervising Architect that the following bill for architectural services on the President's house be paid.

Statement

101 Park Avenue  
New York, June 8, 1931

UNIVERSITY OF ILLINOIS  
URBANA, ILLINOIS

TO CHARLES A. PLATT, DR.

PRESIDENT'S HOUSE

Office Cost of Draughting..... \$ 5 271 87

DISBURSEMENTS:

To Date

Blueprints.....\$180 58

Telegrams, etc..... 21 11

201 69

\$ 5 473 56

CREDIT:

By Cash—Dec. 4, 1930.....

3 000 00

\$ 2 473 56

Approved: JAMES M. WHITE

*Supervising Architect*

On motion of Dr. Noble, this bill was approved for payment.

**BIDS ON EQUIPMENT FOR WOMAN'S GYMNASIUM**

(42) The Supervising Architect has received bids on dressing booths and other equipment for the Woman's Gymnasium to be purchased out of the furniture item in the Physical Plant Extension budget, which has already been submitted and which, of course, is contingent on the final approval of the University's appropriation bill. I will ask him to present these bids.

June 25, 1931

*President H. W. Chase, 355 Administration (W)*

**WOMAN'S GYMNASIUM**

DEAR PRESIDENT CHASE:

Upon receipt of bids by Mr. Edwards for the 215 dressing booths, 1288 baskets and racks, and 60 lockers, we are recommending that the contract for same be awarded as follows:

1. Dressing booths to the Fiatt Metal Manufacturing Company at their bid of \$5,880.00 with 2% discount allowed for payment within 10 days.

2. Baskets and racks to the All Steel Equipment Company, using the Washburn basket at the unit price of \$1.19 or a total price of \$1,532.72 for the 1288.

3. Lockers to the Lyon Metal Products Company at their price of \$141.60 for the 48 in. locker, plus \$5.00 for the erector's fare, making it a total of \$146.60.

The above quotations include erection.

A schedule of the bids received is attached.

You will note that we are recommending the second low bidder for the dressing booths. The booths offered by the Lyon Metal Products Company were not designed for this type of installation, and are not of the same class and quality of construction bid upon by the others. We believe there is much more difference in the value than the difference in the two bids, and it is because we consider the construction of the Lyon Metal Products Company unsuitable for this building that we are recommending the awarding of the booths to the Fiatt Metal Manufacturing Company.

The other recommendations, you will note, go to the low bidders.

It will be necessary to take care of these contracts on the furniture item in our Physical Plant Extension budget, all contingent upon the signing of our appropriation by the Governor.

Very truly yours,  
JAMES M. WHITE  
*Supervising Architect*

**SCHEDULE OF BIDS ON LOCKER EQUIPMENT FOR  
WOMAN'S GYMNASIUM**

<i>Bidders</i>	<i>Dressing Booths</i>	<i>Baskets and Racks</i>	<i>Lockers</i>
Lyon Metal Products Company.....	\$4 205 35	\$1.00 per unit <sup>1</sup> 1.26 per unit	\$117 00 141 60 <sup>2</sup>
Hugh J. Baker Company.....	6 432 50		
All Steel Equipment Company.....		.99 per unit <sup>1</sup> 1.19 per unit	177 60
Fiatt Metal Manufacturing Company....	5 880 00		
Durabilt Steel Locker Company.....		1.26 per unit	249 60
Gandy and Earp.....	6 581 00		
Berger Manufacturing Company.....		1.00 per unit	
Fred Medart Manufacturing Company...		.97 per unit <sup>1</sup> .80 (basket only)	

The above bids include erection except the bids of Berger Manufacturing Company and the Fred Medart Manufacturing Company.

On motion of Mr. Armstrong, the contract for dressing booths was awarded to the Fiatt Metal Manufacturing Company, on the basis of quality, as recommended.

On motion of Mr. Trees, the contract for baskets and racks was awarded to the All Steel Equipment Company, the lowest bidders, as recommended.

On motion of Mr. Barrett, the contract for lockers was awarded to the Lyon Metal Products Company, the lowest bidders, as recommended.

**PLANS FOR WOMAN'S RESIDENCE HALLS**

(43) A request from the Supervising Architect for authority to prepare plans and drawings for the approval of the Board for the third unit of the Woman's Residence Halls.

On motion of Mrs. Evans, the Supervising Architect was authorized to proceed with these plans, for presentation to the Board or to the Executive Committee.

**ARCHITECTS FOR THE NEW MEDICAL BUILDINGS**

44) A recommendation of the Supervising Architect:

June 10, 1931

**MEDICAL AND DENTAL COLLEGE LABORATORIES**

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

I am ready to submit to the Trustees at their next meeting the studies for the additional Medical and Dental laboratory unit and recommend that a contract with Granger & Bollenbacher for architectural services on the present unit be extended to cover the next unit. I think we should lose no time in this matter because unless we get some decisions from the Medical and Dental faculties before they scatter for the summer, our work will be held up until fall.

I recommend that the contract be an extension of the present one because of the fact that we have already encumbered \$10,000 of the present building appropriation for plans for the next unit, and also because if there is still a free balance of a few thousand dollars in the present fund as of the first of July, that could easily be encumbered on Granger & Bollenbacher's contract.

We have paid Granger & Bollenbacher \$5,000 on account of their preliminary services on the new group, and I enclose a bill requesting an additional payment of \$2,500 with my approval.

Very truly yours,  
JAMES M. WHITE  
*Supervising Architect*

<sup>1</sup>This price is for ordinary wire basket. Second price is on Washburn welded steel basket.

<sup>2</sup>This price on 48 in. deep lockers. All other locker quotations are for lockers 42 in. deep.

The Supervising Architect was instructed to secure a proposal from Granger and Bollenbacher, for presentation to the Board or to the Executive Committee.

At this point, Mr. Barrett withdrew.

**MR. ARMSTRONG DESIGNATED TO ACT AS  
PRESIDENT PRO TEMPORE**

Mr. Barr stated that he might be out of the country during July and August, and requested that a member of the Board be designated to act as President of the Board during his absence.

On motion of Dr. Noble, the following resolution was adopted:

*WHEREAS*, George A. Barr, President of the Board of Trustees, has signified his intention to be absent from his office and from the State during July and August, 1931,

*BE IT RESOLVED*, that J. W. Armstrong, a duly elected and qualified member of this Board of Trustees, be, and he is hereby, appointed to act as President of this Board during the absence, if he is absent, of George A. Barr from the State in July and August, 1931, with full power to do all things pertaining to the business of the University which the said George A. Barr as President of the Board may now lawfully do.

**PANHANDLE-ILLINOIS PIPE LINE**

Mr. Armstrong, for the Committee on Buildings and Grounds, presented a recommendation that the following resolution be adopted. On motion of Mr. Armstrong, the resolution was adopted.

*WHEREAS*, the Panhandle-Illinois Pipe Line Company has applied to the Board of Trustees for permission to lay natural gas pipe line across the South Farm in order to bring natural gas to the community of Champaign-Urbana,

*NOW, THEREFORE, BE IT RESOLVED*: That the Board of Trustees of the University of Illinois hereby gives a license to the Panhandle-Illinois Pipe Line Company, a corporation, its successors and assigns, to lay a natural gas pipe line underground across the South Farm along First Street as extended south of the corporate limits of the City of Champaign and terminating at a meter house to be located on land belonging to the University approximately opposite a school house on South First Street, or on such site as shall be approved by the members of the Committee on Buildings and Grounds. This license includes the right, privilege and authority to construct, operate, and maintain a pipe line across the South Farm and a meter house in such a manner as is reasonably calculated to enable the said corporation to conduct natural gas to the community of Champaign-Urbana; the place where such pipe line shall be laid and the manner of laying the same, and the plans of the meter house, shall be subject to the approval and supervision of the Committee on Buildings and Grounds; the meter house, the place and method of construction and the laying of the pipe shall not interfere with the reasonable and necessary use of the South Farm or of any University property for educational purposes;

*BE IT FURTHER RESOLVED*: That the foregoing and within license is granted to the Panhandle-Illinois Pipe Line Company, a corporation, on the express condition and understanding that the said pipe line and meter house will be moved and the location thereof changed by the corporation aforesaid whenever, in the judgment of Board, the interests of the University of Illinois shall require such change, and twelve months notice to do so shall be given the Panhandle-Illinois Pipe Line Company. Such change in the location of the pipe line and meter house shall be effected at the expense of the Panhandle-Illinois Pipe Line Company, and shall, if feasible or possible, be to another location upon the South Farm. If the licensee disregard a removal notice duly given, the pipe line and meter house may be removed by the licensor at the expense of the licensee. The grantee of the license will, if requested by the Board of Trustees of the University of Illinois, place a tap or taps in the pipe line and supply a meter, and will sell gas to the University of

Illinois for use outside the corporate limits of Champaign as now existing, at not to exceed commercial rates in force in the city of Champaign, but without abridging the rights of the Board of Trustees of the University of Illinois to require a removal of the pipe line and meter house, or to cancel this license.

#### DORMITORIES FOR MEN

On motion of Dr. Noble, the President of the Board was requested to appoint a special committee of three members of the Board to investigate and report ways and means of financing dormitories for men. President Barr appointed Dr. Noble, Mrs. Grigsby, and Mr. Barrett to serve on this committee.

#### LANDSCAPING THE CAMPUS

President Barr read a letter from Mrs. Hopkins, for the sub-committee on Landscaping, which was received as a report of progress.

#### MARKERS FOR ENTRANCES TO CAMPUS

On motion of Mr. Armstrong, the President of the University was requested to present suggestions and estimates of the cost of providing markers for the entrances to the campus; and also to study the condition of the drives.

#### DATE OF JULY MEETING

On motion of Mr. Armstrong, it was voted to hold the July meeting on Monday, July 27, 1931, at 10 o'clock a.m. (Chicago time), at the Blackstone Hotel, in Chicago.

#### DEGREE OF M. D. CONFERRED

The Secretary presented for record the following list of persons on whom the degree of Doctor of Medicine has been conferred on the completion of one year of hospital service.

ORVILLE LINDSAY ABBOTT, B.S.	July 1, 1931
KENT ARCHIBALD ALCORN	July 1, 1931
ROBERT HOWARD ALLISON	July 1, 1931
DOROTHY JESSIE ARENZ, B.S.	July 1, 1931
WALTER EARL BARTON, B.S.	July 1, 1931
JEWELL LEE BASS, B.S.	July 1, 1931
ALBERT ALAN BEST	July 1, 1931
PAUL VERCO BRINLEY, B.S.	July 1, 1931
MARTIN VAN BROWN	June 23, 1931
BEHLE BASIL BURNS, B.S.	July 1, 1931
WILLIAM TRACY BURTON, A.B.	July 1, 1931
EUGENE SPENCER BUSBY, B.S.	June 8, 1931
ALVIN HOWARD CLARK, B.S.	July 1, 1931
HENRY WILLIAM EGGERS, B.S.	July 1, 1931
BENJAMIN EISENBERG	July 1, 1931
MILTON WILLIAM EISENSTEIN, B.S.	July 1, 1931
NATHAN EPSTEIN, B.S.	July 1, 1931
EUGENE ISADORE FALSTEIN, B.S.	July 1, 1931
CHARLES FINKELSTEIN, B.S.	July 1, 1931
BERNARD FRAZIN, B.S.	July 1, 1931
ELMER DELOSS GAY, B.S.	July 1, 1931
JACOB BENJAMIN GIER, B.S.	July 1, 1931
OTIS BERYL GILTNER, B.S.	July 1, 1931
WILLIAM EVERETT GLASS, B.S.	July 1, 1931
JAMES EDWARD GRAHAM, B.S.	July 1, 1931
HARRY GREENSTEIN, B.S.	July 1, 1931
FREEMAN CURTIS HARRIS	June 23, 1931
ROBERT B. HEMPHILL	July 1, 1931

HERMAN STEWART HENDRICKSON, B.S. ....	July 1, 1931
FORD KIMMEL HICK, B.S. ....	July 1, 1931
ELIZABETH WEBB HILL. ....	June 1, 1931
ALBERT DABNEY HURT, B.S. ....	July 1, 1931
GEORGE ALBERT INGRISH, B.S. ....	July 1, 1931
DAN DEWITT JAMISON. ....	July 1, 1931
ALBERT HERBERT JENKINS, B.S. ....	July 1, 1931
ESTHER CONCORDIA JOHNSON, B.S. ....	July 1, 1931
LOUIS DAVID JOSEPH. ....	July 1, 1931
FRANK BURT KAISERMAN, B.S. ....	July 1, 1931
SOL STEIN KAUFMAN, A.B., B.S. ....	July 1, 1931
ROBERT DANA KNAPP, B.S. ....	July 1, 1931
NOAH MEYER KOENIGSBERG, B.S. ....	July 1, 1931
SAMUEL H. KRAINES, B.S. ....	July 1, 1931
ALBERT HERMAN LAZERE, A.B. ....	July 1, 1931
LEONARD OWEN LEADER, B.S. ....	July 1, 1931
LEO ADRIAN LEE. ....	July 1, 1931
LOUIS ROBERT LIMARZI, B.S. ....	July 1, 1931
HUGO LONG. ....	July 1, 1931
EARL MATTHEW LUSTGARTEN, A.B. ....	July 1, 1931
DICK CAUTHEN MCCOOL, JR., B.S. ....	July 1, 1931
LYNN POPE MCGOLDRICK. ....	July 1, 1931
ROBERT GLENN MCMILLAN. ....	July 1, 1931
CHARLES ANDREW MACK, B.S. ....	July 1, 1931
WILFORD JOHN MASON, A.B. ....	July 1, 1931
JACK GREEN MEARNES, A.B., B.S. ....	July 1, 1931
CHARLES HIMES METZEL, A.B. ....	July 1, 1931
WILLIAM EDWARD MILLER, A.B., B.S. ....	July 1, 1931
LAWRENCE JOSEPH MURPHY, B.S. ....	July 1, 1931
VIRGIL LEROY MURPHY. ....	July 1, 1931
O. HAROLD MUUS, A.B., B.S. ....	July 1, 1931
JULIAN ANTHONY OSSMAN, B.S. ....	July 1, 1931
LOUIS PHILLIPS. ....	July 1, 1931
ALFRED GEORGE RICE, B.S. ....	July 1, 1931
DWIGHT WILLIAM RIFE, B.S. ....	June 8, 1931
ROY OTIS RISER, B.S. ....	July 1, 1931
NAHUM L. ROBBIN. ....	July 1, 1931
ROBERT RODIN, B.S. ....	July 1, 1931
JAMES J. RODGERS, B.S. ....	July 1, 1931
PERRY W. ROSS, Ph.G. ....	July 1, 1931
MAX RULNEY, B.S. ....	July 1, 1931
HERBERT ALBERT SACKS, B.S. ....	July 1, 1931
MARTIN HENRY SEIFERT, Ph.G., B.S. ....	July 1, 1931
GUY EMIL SEYMOUR, A.B., B.S. ....	July 1, 1931
LOUIS WILLARD SHABAT, B.S. ....	July 1, 1931
SAMUEL SHAPIRO. ....	July 1, 1931
GEORGE SHROPSHEAR, B.S. ....	July 1, 1931
IRVIN SIEGAL, B.S. ....	July 1, 1931
JACK D. SINGER, B.S. ....	July 1, 1931
BERNARD SKORODIN, B.S. ....	July 1, 1931
WILLIAM ROAN SMITH. ....	July 1, 1931
D. LOUIS STEINBERG, B.S. ....	July 1, 1931
JOHN WAYNE STEVENS, B.S. ....	July 1, 1931
WILLIAM THOMAS STICKLEY. ....	July 1, 1931
PETER STROFS, B.S. ....	July 1, 1931
JAMES EUGENE STROH. ....	July 1, 1931
JAMES SHERWOOD TAYLOR, B.S. ....	July 1, 1931
PHILIP THOREK, B.S. ....	July 1, 1931
JOSEPH S. TSCHETTER. ....	July 1, 1931
BENJAMIN EDWARD TWITCHELL, A.B., B.S. ....	July 1, 1931
FRANCIS JAMES P. TWOHEY, B.S. ....	July 1, 1931
GEORGE HAYWOOD VERNON, JR., A.B., B.S. ....	July 1, 1931
HENRY EUGENE VOGEL, A.B. ....	July 1, 1931

DAVID WAGNER, A.B. ....	July 1, 1931
HALVARD WANGER. ....	May 1, 1931
CHARLES MORSE WEINBERG, B.S. ....	June 15, 1931
BEN IDE WEININGER, B.S. ....	July 1, 1931
CHARLES P. WHALEN, B.S. ....	July 1, 1931
IRVING WOLINSKY, B.S. ....	July 1, 1931
MAURICE L. YOUNG, B.S. ....	July 1, 1931

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Brown, Andrew W., Associate Professor of Psychology, beginning July 1, 1931, on indefinite tenure, without salary. (June 19, 1931)<sup>1</sup>

Doty, J. R., Special Research Assistant in Chemistry, on one-half time, for twelve months beginning June 15, 1931, at a cash compensation of one thousand dollars (\$1,000). (June 19, 1931)

Kramp, Edgar Herman, Instructor in Materia Medica and Therapeutics, in the College of Dentistry, for one year beginning September 1, 1931, without salary. (June 19, 1931)

Lee, Shison Chinglin, Research Assistant in the Division of Agricultural Economics, in the Agricultural Experiment Station, on one-fourth time, beginning June 20, 1931, and continuing until August 31, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month (this supersedes his previous appointment). (June 23, 1931)

Readey, John Campbell, Associate in Horticulture Extension, in the Agricultural Extension Service, beginning June 15, 1931, and continuing until further notice, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (June 19, 1931)

Vopelius, Oswald, Research Assistant in the Division of Agricultural Economics, in the Agricultural Experiment Station, on one-fourth time, beginning June 20, 1931, and continuing until August 31, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month (this supersedes his previous appointment). (June 22, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

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

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**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**July 27, 1931**



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 time) on Monday, July 27, 1931. The following members were present: President Barr, Mr. Armstrong, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams.

Acting Provost Daniels was present, representing President Chase; Professor J. M. White was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of June 15, 1931, and of the adjourned session of June 26, 1931. On motion of Dr. Noble, the minutes were approved as printed on pages 239 to 381 above.

**MEETING OF EXECUTIVE COMMITTEE, JULY 2, 1931**

The Secretary presented for record the minutes of a meeting of the Executive Committee.

*MEETING OF THE EXECUTIVE COMMITTEE, CHICAGO ATHLETIC ASSOCIATION, JULY 2, 1931*

Present: George A. Barr, W. L. Noble, James M. White, and Messrs. Bollenbacher and Merrill of the firm of Granger & Bollenbacher.

The following proposal was received from Granger & Bollenbacher for architectural services on the next Medical and Dental College building:

*The Board of Trustees, University of Illinois*

GENTLEMEN:

We will furnish full architectural service on the proposed unit of the University of Illinois Medical and Dental College Building group for which an appropriation of \$1,400,000 has been made by the Legislature for a fee of six per cent (6%) of the cost of the work done under our supervision.

The \$10,000 for which we are under contract to prepare preliminary designs is to be credited as a payment on the proposed contract.

We further agree to reduce our fee by the actual cost of architectural assistance furnished to us through the office of the Supervising Architect of the University.

Very truly yours,

GRANGER & BOLLENBACHER

By J. C. BOLLENBACHER

The Committee adjourned to visit the Laboratory Building now nearing completion, following which they re-convened at the Research Laboratory and Library Building. On motion of Dr. Noble, concurred in by Mr. Barr, Granger & Bollenbacher's proposal for architectural services was accepted. The Committee then adjourned.

JAMES M. WHITE  
*Secretary Pro Tem.*

GEORGE A. BARR, *Chairman*  
W. L. NOBLE

**MATTERS PRESENTED BY ACTING PROVOST DANIELS**

The Board considered the following matters presented by the Acting Provost on behalf of the President of the University.

**APPROPRIATION OF \$24,000 FOR THE GEOLOGICAL SURVEY**

(1) A recommendation that an appropriation of \$24,000 be made from the Reserve and Contingent fund for remodeling the house recently purchased by the University adjoining the Ceramics Building and for building and equipping an additional building to provide housing and laboratory facilities for the State Geological Survey.

On motion of Mrs. Evans, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**APPROPRIATION FOR PSYCHOLOGICAL TESTS**

(2) A recommendation that an appropriation of \$1,500 be made from the Reserve and Contingent fund for psychological tests of the freshman class which will enter the University next fall.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**SPECIAL APPROPRIATION FOR PRESIDENT'S OFFICE**

(3) A recommendation that a special non-recurring appropriation of \$1,200 be made from the Reserve and Contingent fund for the President's Office.

On motion of Mr. Williams, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### APPROPRIATION FOR LEGAL SERVICES

(4) A recommendation that an appropriation of four hundred dollars be made from the Reserve and Contingent fund to pay for legal services required in the preparation of the suit which had to be instituted by the University to establish the constitutionality of the law authorizing the issue of tax anticipation warrants by the State of Illinois to meet the shortage in the University of Illinois Fund in the State Treasury. The Legal Counsel had previously been authorized by the President of the University and by the President of the Board to secure outside legal assistance in connection with these proceedings.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### APPOINTMENT OF ASSISTANT TO THE DEAN OF THE COLLEGE OF FINE AND APPLIED ARTS

(5) A report that Professor Cyrus E. Palmer of the Department of Architecture has been appointed Assistant to the Dean of the College of Fine and Applied Arts, in addition to his present professorship, for one year beginning September 1, 1931, at a total salary of \$5,200.

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

#### APPOINTMENTS TO THE CLINICAL FACULTY OF THE COLLEGE OF MEDICINE

(6) When the list of appointments to the clinical faculty of the College of Medicine was presented to the Board of Trustees at its last meeting, it did not include recommendations for appointments to the Department of Laryngology, Rhinology, and Otolaryngology, and the Department of Pathology and Bacteriology. These nominations are now submitted and I recommend their approval.

##### *Department of Laryngology, Rhinology, and Otolaryngology*

JOSEPH CLAR BECK, M.D., *Associate Professor* (1 year)  
 JACQUES HOLLINGER, M.D., *Assistant Professor* (1 year)  
 WALTER HENRY THEOBALD, B.S., M.D., *Assistant Professor* (1 year)  
 JOHN JOSEPH THEOBALD, B.S., M.D., *Assistant Professor* (1 year)  
 GEORGE S. LIVINGSTON, B.S., M.S., M.D., *Associate* (1 year)  
 ERNEST A. BREDLAW, M.D., *Associate* (1 year)  
 NOAH FOX, B.S., M.D., *Instructor in Otolaryngology* (1 year)  
 ARCHIE CECIL KANE, M.B., M.D., C.M., *Instructor in Otolaryngology* (1 year)  
 PHILIP ALLEN HALPER, B.S., M.D., *Instructor in Otolaryngology* (1 year)  
 SHERMAN L. SHAPIRO, B.S., M.D., *Instructor* (1 year)  
 IRWIN G. SPIESMAN, B.S., M.D., *Instructor* (1 year)  
 ARTHUR J. COOMBS, A.B., M.D., *Instructor* (1 year)  
 FRANK T. COOTE, C.M., M.D., *Assistant* (1 year)  
 MELVIN REESE GUTTMAN, B.S., M.D., *Assistant* (1 year)  
 JOHN W. HARNED, B.S., M.D., *Instructor* (1 year)  
 OLIVER EDWARD VAN ALYEA, B.S., M.D., *Instructor* (1 year)  
 MEREDITH LOUIS OSTROM, B.S., M.S., M.D., *Assistant* (1 year)

##### *Department of Pathology and Bacteriology*

HOWARD JOHN SHAUGHNESSY, B.S., Ph.D., *Assistant Professor of Bacteriology and Public Health* (1 year)  
 OTTO SAPHIR, M.D., *Assistant Professor of Pathology* (1 year)  
 BEN ZION RAPPAPORT, B.S., M.D., *Associate* (1 year)  
 SAMUEL CUSHING BEACH, M.D., *Associate in Industrial Hygiene* (1 year)

HERBERT M. McDANIELS, B.S., *Instructor in Bacteriology* (1 year)  
 ROBERT L. LADD, B.S., M.D., *Assistant Professor* (1 year)

On motion of Dr. Noble, these appointments were approved.

#### CONTINUATION OF DR. NORVAL H. PIERCE

(7) Dr. Norval H. Pierce, Professor and Head of the Department of Laryngology, Rhinology, and Otolaryngology, reached the retiring age this year. He asks that he be continued in service for one more year to enable him to finish research work he is doing on oto-sclerosis and also to complete a monograph on the pneumatization of the ear and nose. This work is of first importance in its specialty.

The best interests of the University as well as of the medical sciences will be served by permitting Doctor Pierce to continue in service for one more year, and in view of the circumstances I recommend approval of this request.

On motion of Dr. Noble, this extension was approved.

#### LEAVE OF ABSENCE FOR PROFESSOR R. R. HUDELSON

(8) A recommendation that R. R. Hudelson, Associate Professor and Associate Chief in Farm Organization and Management in the Agricultural Experiment Station and the Agricultural Extension Service, be given leave of absence without pay from November 1, 1931, to June 1, 1932, for the purpose of graduate study at Harvard University on a fellowship granted him by the Social Science Research Council.

On motion of Mr. Williams, this leave was granted.

#### C. P. A. CERTIFICATES

(9) A recommendation that the following candidates, who are certified by the Board of Examiners in Accountancy as having passed the May, 1931, examination, be awarded C. P. A. certificates:

JULIUS ALTSCHUL	MORRIS J. LIPP
SIDNEY AVERY, JR.	LOUIS J. MOSES
IVAN L. BEAMAN	SIDNEY MORRIS PERLSTADT
CROFFORD HENRY BUCKLES	HENRY R. PONDER
CARL M. DIEDERICHS	JOHN W. QUEENAN
LEONARD FAGENHOLZ	L. E. SHARPE
RUSSELL H. HASSLER	ROY W. STOLLSTORF
GEORGE L. HAYNES	DWIGHT C. SWANSON
J. FREDERICK HUNSCHÉ	WILLARD A. TRIPP
LOGAN C. KENNEDY	WILLIAM W. WAKELEE
KENNETH R. KING	PAUL E. WALLENDORF

On motion of Mr. Trees, these certificates were awarded.

#### C. P. A. CERTIFICATES AS OF NOVEMBER, 1930

(10) The Committee on Accountancy, on recommendation of the Board of Examiners in Accountancy, to correct an error in grading, recommends that Mr. Joseph Cerny and Mr. George Edward Simonds be awarded the certificate of Certified Public Accountant as of November, 1930.

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

#### PHYSICIANS' EXTENSION COURSES IN OTOLARYNGOLOGY

(11) A recommendation from the Dean of the College of Medicine that the following physicians' extension courses in Otolaryngology, together with the fees indicated, be authorized:

81. Functional Tests of the Ear.—(a) Cochlear apparatus with special consideration of the use of tuning forks; (b) Vestibular apparatus with special reference to the caloric, rotatory and galvanic tests. 10 hours. Minimum, 5 students. Fee, \$25.

Dr. S. L. SHAPIRO

82. Tuberculosis of the Larynx.—Municipal Tuberculosis Sanitarium. Demonstration upon patients of typical aspects of the disease with exact description of differential diagnosis and method of therapy. 12 hours. Limited to two students. Fee, \$50.

Associate Professor F. L. LEDERER

83. Intubation and Tracheotomy.—Municipal Contagious Disease Hospital. Demonstration upon patients with discussion of indications and treatment; manikin practice. 12 hours. Limited to two students. Fee, \$50.

Associate Professor LEDERER

84. Histopathology of the Ear, Nose, and Throat.—Demonstration of gross and microscopic specimens. Laboratory technique. 20 hours. Limited to four students. Fee, \$50.

Dr. I. G. SPIESMAN, Dr. N. FOX

85. Bronchoscopy and Esophagoscopy.—Research Hospital. Demonstration of methods of examination, indications, and contraindications; technique of bronchography. 12 hours. Limited to two students. Fee, \$50.

Associate Professor LEDERER

86. Otoneurology.—Vestibular apparatus in relation to labyrinthian disease, brain tumors, and head injuries. 10 hours. Limited to five students. Fee, \$25.

Dr. S. L. SHAPIRO

87. Surgical Anatomy and Surgery of the Mastoid.—Demonstration of specimens and technique of operation. 10 hours. Limited to two students. Fee, \$50.

Associate Professor LEDERER

88. (a) Surgical Anatomy of the Nose and Sinuses; (b) Clinical Aspects of Sinus Disease. 10 hours. Minimum registration, five students. Fee, \$25.

Assistant Professor W. THEOBALD, Dr. O. E. VAN ALYEA

(Note: Courses 81 to 88, inclusive, may be registered for individually or in groups, the time being arranged for with the instructors.)

Seminar.—Presentation and Discussion of clinical cases; critical reviews of results of investigations and recent literature.

The STAFF

This is in accordance with our established policy and I recommend approval.

On motion of Dr. Noble, this recommendation was adopted.

#### EXTENSION COURSES IN OTOLARYNGOLOGY

(12) A recommendation from the Dean of the College of Medicine that the fee of \$50 charged for the clinical extension course in Otolaryngology (Course No. 80) be increased from \$50 to \$100 for each period of four months. The fee for the special anatomy course which is offered in connection with the work in Otolaryngology is to continue.

On motion of Dr. Noble, this recommendation was adopted.

#### BEQUEST OF MARY F. KITCHELL

(13) The University was named a beneficiary in the will of Mary F. Kitchell, deceased, of Pana, Illinois, and received a bequest of certain books which have been delivered to the University. (Minutes, March 12, 1931, page 189). Inasmuch as the bequest has been delivered within the year the executor requires a bond from the legatee under the will pledging that the property will be returned, or damages paid if not returned, if it should turn out that the bequest was unlawfully delivered.

The University Counsel has prepared such a bond and recommends that the Board authorize its officers to execute it so that the matter may be closed so far as the University is concerned. This bond does not obligate the University to any expense except to pay damages and attorney's fees only in case the Board should refuse to redeliver the books upon proper demand of the executor.

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

#### EMERGENCY WORKING FUND

(14) A report from the Comptroller that the emergency working fund of \$50,000 established by the Board on April 27 (Minutes, page 216) as a revolving fund to take care of pressing needs, was returned to the University treasury on June 30.

This report was received for record.

**RESEARCH FUNDS FROM AMERICAN  
OTOLOGICAL SOCIETY**

(15) A report that the American Otological Society has granted a fund of \$3,000 to assist Professor E. A. Culler of the Department of Psychology in the research on hearing in animals for the year September 1, 1931, to September 1, 1932, this fund to be received by the University and disbursed by the Business Office on requisitions and vouchers drawn by Professor Culler. I have authorized the Comptroller to accept and to disburse these funds.

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

**GIFT TO THE UNIVERSITY**

(16) A report that the Class of 1931 of the School of Pharmacy has presented the University with an electric clock to be installed in the Pharmacy building.

On motion of Mrs. Evans, this gift was accepted and the Acting Provost was requested to express the thanks of the Board to the donors.

**REPORT OF CONTRACTS AND PURCHASES**

(17) The following report from the Comptroller of orders amounting to more than one thousand dollars placed by the Purchasing Agent since the last report was made to the Board:

A supply of lumber amounting to \$1,100 from Hunter, Wood and Company, Urbana, for use in tests of timber floors which the Engineering Experiment Station is conducting in cooperation with the National Lumber Manufacturers Association, which is financing these tests. The lumber was specially selected for this purpose and was shipped to Hunter, Wood and Company for resale to the University for use in the tests.

Two Chevrolet sedans from the Brubaker Sales Company, Champaign, at a cost of \$1,315.10 for the Physical Plant division.

A supply of steel rails amounting to \$1,340.18 from the Illinois Steel Company for use in the cooperative investigation of steel rails. This is to be payable out of funds provided for this purpose.

Ediphone equipment from Edwin C. Barnes and Brothers of Peoria amounting to \$1,540 for the Agricultural Extension Service, payable out of Federal funds.

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(18) The following quarterly report of the Comptroller as at June 30, 1931:

SCHEDULE A		
STATEMENT OF RESERVE AND CONTINGENT FUND		
FOR THE QUARTER ENDED JUNE 30, 1931		
Balance Forward April 1, 1931.....		\$54 355 12
Add:		
Lapsed 1929-1930 Balances (Previously carried forward to cover encumbrances but not required).....	221 61	\$54 576 73
Deduct:		
Special Appropriations made by Board of Trustees:		
In Meeting April 8, 1931		
Legal Counsel (p. 204).....	250 00	
Business Office Special Equipment (pp. 204 and 205)	2 400 00	
Death Benefits (Professor Julius Goebel) (p. 202)....	1 000 00	
In Meeting May 14, 1931		
Publicity (p. 230).....	300 00	
Radio Station (p. 230).....	100 00	
Publishers Trade List (p. 219).....	500 00	
Chemistry (p. 219).....	6 000 00	
Archaeological Explorations (p. 219).....	4 000 00	
Survey of Pennsylvania Avenue (p. 219).....	274 30	
President's House (p. 232).....	7 400 00	
President's House Furniture (p. 232).....	35 000 00	
In Meeting June 15, 1931		
Legal Counsel (p. 271).....	675 00	
Business Office (p. 271).....	100 00	
Death Benefits (Professor S. W. Parr) (p. 271).....	1 500 00	
In Meeting June 26, 1931		
Summer Session 1931 Salaries (p. 370).....	2 500 00	
Appropriated Deficit before closing books June 30, 1931....		61 999 30
		7 422 57

<b>Add:</b>			
Surplus of Actual Incomes over Estimates			
Student Fees .....	32 532 99		
Miscellaneous Sources .....	<u>16 955 05</u>	49 488 04	
Surplus in Stores Inventories .....		3 353 79	
Lapsed Appropriation Balances .....		<u>199 005 66</u>	251 847 49
			<u>244 424 92</u>
<b>Less:</b>			
Excess of Estimated Incomes over Actual Incomes .....			
State Board for Vocational Education .....	76 41		
McKinley Endowment .....	<u>987 76</u>	1 064 17	
Reserved for 1931-32 Special Appropriations made by Board June 26, 1931 .....		<u>34 994 00</u>	36 058 17
Unappropriated Balance of Income June 30, 1931 (to Sch. H)			<u>\$208 366 75</u>

SCHEDULE B  
STATEMENT OF BUDGET INCOME FOR THE YEAR  
ENDED JUNE 30, 1931

<b>Balances July 1, 1930</b>			
Reserve for Orders and Contracts Outstanding .....		\$109 454 07	
Balances Reappropriated or Carried Forward .....		199 554 12	
Reserve for 1930-31 Special Appropriations .....		183 340 00	
Reserve for Petty Cash Funds .....		30 600 00	
Unappropriated Agricultural Income .....		25 461 27	
Unappropriated General Income .....		225 697 77	\$774 107 23
<b>Incomes</b>			
From State Appropriations			
For Operation			
Salaries and Wages .....	\$3 515 019 42		
Travel .....	34 980 58		
Equipment .....	290 000 00		
Office Expense .....	150 000 00		
Operation .....	485 000 00		
Repairs .....	160 000 00		
Improvements .....	<u>130 000 00</u>	\$4 765 000 00 <sup>1</sup>	
For Buildings			
Agricultural Buildings .....	59 484 44		
Chemistry Annex .....	272 074 20		
Medical and Dental Laboratories .....	1 459 023 13		
Power Plant Addition .....	234 256 92		
Woman's Gymnasium .....	280 437 58	2 305 276 27	
For Special Purposes			
Agricultural Experiment Station, Cook County .....		<u>9 254 21</u>	7 079 530 48
From United States Grants			
Land Grant of 1862 (Interest on Endowment)	32 450 66		
Morrill Act of 1890 .....	25 000 00		
Nelson Act of 1907 .....	25 000 00		
Hatch Act of 1881 .....	15 000 00		
Adams Act of 1906 .....	15 000 00		
Smith-Lever Act of 1914 and 1918 .....	239 624 34		
Additional Federal Cooperative Fund of 1930	26 000 00		
Purnell Act of 1925 .....	60 000 00		
Capper-Ketcham Act of 1928 .....	40 167 48		
Smith-Hughes Act of 1917 .....	<u>15 923 59</u>	494 166 07	
From Student Fees (Net) .....		902 532 99	
From Department Sales and Miscellaneous			
Agriculture .....	242 038 80		
Others .....	<u>166 079 97</u>	408 118 77	
From McKinley Endowment .....		4 412 24	
From Residence Hall Earnings (For Purchase of property) .....		21 000 00	
From Adjustment of Book Balances to Actual Inventories of Storerooms .....		<u>3 353 79</u>	
Total Income .....			8 913 114 34
Total Available Resources .....			9 687 221 57
<b>Charges to Income</b>			
Disbursements from Appropriations (See Sch. D)	8 453 512 67		
Reserve for Orders and Contracts Outstanding (See Sch. D) .....		<u>866 707 50</u>	9 320 220 17
			367 001 40

<sup>1</sup>The sources of revenue for the State appropriations were as follows:

From the proceeds of a State Tax of $\frac{1}{2}$ of 1 mill for the support of the University .....	\$3 515 019 42
From the General revenue of the State .....	1 249 980 58
Total .....	<u>\$4 765 000 00</u>

<sup>2</sup>After allowing for \$28,375.40 refunds.

<b>Deduct:</b>			
Balances Subject to Reappropriation (See Sch. D)	76 579 18		
Reserve for 1931-32 Special Appropriations (See Sch. H)	34 994 00		
Reserve for Petty Cash Funds (See Sch. H)	30 600 00		142 173 18
<b>Unappropriated Balance of Income June 30, 1931 (Sch. H)</b>			
Unappropriated Agricultural Income	16 461 47		
Unappropriated General Income	208 366 75		224 828 22

**SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1930-31 TO JUNE 30, 1931**

	<i>Balance July 1, 1930</i>	<i>Receipts and State Appropriations</i>	<i>Disbursements</i>	<i>Balance June 30, 1931</i>
<i>Funds in Possession of University</i>				
<i>Treasurer</i>				
General Fund	\$676 062 68	\$2 216 439 19	\$2 229 365 59	\$663 136 28 <sup>1</sup>
Trust Funds	127 540 60	403 456 85	422 621 46	108 375 99
<b>Total</b>	<b>(803 603 28)</b>	<b>(2 619 896 04)</b>	<b>(2 651 987 05)</b>	<b>(771 512 27)</b>
<i>State Appropriations</i>				
<i>For Operation</i>				
Salaries and Wages	202 520 00	3 515 019 42	3 717 539 42	
Office Expense		150 000 00	144 162 47	5 837 53
Travel		34 980 58	34 980 58	
Operation	2 115 13	485 000 00	483 122 09	3 993 04
Repairs	16 306 70	160 000 00	153 561 32	22 745 38
Equipment		290 000 00	268 309 11	21 690 89
Improvements	20 154 28	130 000 00	135 965 20	14 189 08
<b>Total, Operation</b>	<b>(241 096 11)</b>	<b>(4 765 000 00)</b>	<b>(4 937 640 19)</b>	<b>(68 455 92)</b>
<i>For Buildings</i>				
Agricultural Buildings		59 484 44	59 484 44	
Chemistry Annex		272 074 20	270 190 86	1 883 34
Medical and Dental Laboratories		1 459 023 13	856 023 24	602 999 89
Power Plant Addition		234 256 92	227 172 96	7 083 96
Woman's Gymnasium		280 437 58	203 743 44	76 694 14
<b>Total, Buildings</b>		<b>(2 305 276 27)</b>	<b>(1 616 614 94)</b>	<b>(688 661 33)</b>
<i>For Special Purposes</i>				
Agricultural Experiment Station, Cook County	796 80	10 000 00	9 109 04	1 687 76 <sup>2</sup>
<b>Total, State</b>	<b>(241 892 91)</b>	<b>(7 080 276 27)</b>	<b>(6 563 364 17)</b>	<b>(758 805 01)</b>
<b>Grand Total</b>	<b>\$1 045 496 19</b>	<b>\$9 700 172 31</b>	<b>\$9 215 351 22</b>	<b>\$1 530 317 28</b>

<sup>1</sup>Securities totalling \$684,800.00 have been deposited by the Treasurer to secure this balance.  
<sup>2</sup>Of this balance \$745.79 was lapsed because it was not encumbered on June 30, 1931.

<i>Operations of State Mill Tax Fund for the University of Illinois, July 1, 1930 to June 30, 1931</i>			
Free Balance in Fund July 1, 1930		\$ 56 384 67	
Receipts to June 30, 1931		3 505 836 47	
		3 562 221 14	
Vouchers issued against Fund	\$ 202 520 00		
Applied on 1929-30 University Budget	3 446 563 50		
Applied on 1930-31 University Budget (See Sch. B)		3 649 083 50	
Vouchers issued in excess of available funds			<u>\$86 862 36</u>

SCHEDULE D  
SUMMARY OF APPROPRIATIONS AS AT JUNE 30, 1931

	Total Credits	Disbursements	Reserved for Outstanding Encumbrances	Balance Reappropriated	Balance Lapsed
Administration and General.....	\$ 474,703 07	\$ 442,955 24	\$ 5,775 62	\$ 4,246 15	\$ 19,726 06
Library.....	300,711 77	295,953 54	2,031 48		2,726 75
Agriculture.....					
University Appropriation.....	1 171 287 59	1 090 428 03	20 245 94	32 100 50	28 513 121
U. S. Extension.....	322 216 84	310 787 36	187 60	8 041 88	3 200 00
Liberal Arts and Sciences.....	1 194 746 05	1 159 540 22	7 247 53	2 800 00	25 158 30
Engineering.....	718 834 95	693 295 69	18 139 94		7 399 32
Graduate School.....	91 901 14	78 607 06	7 991 06	1 172 72	4 128 50
Medicine, Dentistry, and Pharmacy.....	861 781 01	814 723 81	12 347 59	2 681 46	32 028 15
Journalism.....	31 348 07	30 703 84	126 36		518 47
Law.....	84 224 59	82 841 95	211 00		1 171 55
Library School.....	10 356 27	29 113 19	59 68	9 230 85	1 183 40
Military.....	30 344 14	20 485 19	15 77		612 33
Music.....	63 235 00	62 826 06	174 85		234 09
Education.....	192 877 22	178 776 81	2 059 07		12 041 34
Summer Session 1930.....	81 589 29	79 145 80	83 43		2 443 40
Summer Session 1931.....	90 605 00	43 586 05	673 20	480 00	46 915 52
Commerce.....	222 211 57	214 585 32			6 473 05
Physical Welfare.....	130 668 20	127 379 64	1 813 32		1 475 24
Physical Plant Operation and Maintenance.....	682 134 00	667 190 99			14 943 01
Sub-total.....	6 773 776 28	6 422 926 78	79 184 34	60 753 56	210 911 60
Land, Buildings, and Improvements.....					
Special State Building Appropriations.....	2 305 276 27	1 615 566 96	689 709 11		
Other Appropriations.....	529 688 26	415 018 93	97 813 85	15 825 62	1 029 88
Grand Total.....	\$9 608 740 83	\$8 455 512 67	\$866 707 50	\$76 579 18	\$211 941 48

<sup>1</sup>Includes \$11,134.01 lapsed to offset unrealized agricultural income, \$1,056.02 lapsed to Unappropriated Agricultural Income, and \$745.79 lapsed to offset June 30, 1931, unencumbered balance in State Appropriation for Cook County Experiment Station, which was also lapsed.

SCHEDULE E  
SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT JUNE 30, 1931

	Balance July 1, 1930	Disburse- ments	Credits from Department Requisitions and Sales	Balance June 30, 1931
Storerooms.....	\$117 863 31	\$ 343 241 77	\$ 347 288 60	\$113 816 48
Service Departments.....	14 806 62	1 642 427 45	1 658 024 46	790 39*
Revolving Accounts.....	5 779 19 <sup>1</sup>	15 442 24	10 081 26	418 21*
<b>Total.....</b>	<b>\$126 890 74</b>	<b>\$2 001 111 46</b>	<b>\$2 015 394 32</b>	<b>\$112 607 88</b>

<sup>1</sup>Credit balance.

SCHEDULE F  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT JUNE 30, 1931

	Total July 1, 1930	Additions	Total June 30, 1931
Professorial and Lectureship Endowments.....	\$139 742 66	\$ 5 589 77	\$145 332 43
Scholarship, Fellowship, and Prize Endowments.....	84 556 27	301 50	84 857 77
Miscellaneous Endowments.....	80 030 71	40 369 83	120 400 54
<b>Grand Total.....</b>	<b>\$304 329 64</b>	<b>\$46 261 10</b>	<b>\$350 590 74<sup>1</sup></b>

<sup>1</sup>Invested as follows:

Special Investments (including Carter-Pennell Farms)	\$236 311 59	
Group Investments.....	109 683 07	
<b>Total Investments.....</b>		<b>\$345 994 66</b>
Uninvested.....		<b>\$ 4 596 08</b>

SCHEDULE G  
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS  
AS AT JUNE 30, 1931

	Total Credits	Disburse- ments	Encum- brances	Free Balance June 30, 1931
Professorial and Lectureship Endowments In- come.....	\$ 7 006 74	\$ 5 962 42		\$ 1 044 32
Student Loan Endowments Income (Subject to annuity).....	454 90	250 00		204 90
Scholarship, Fellowship, and Prize Endow- ments Income.....	6 501 12	4 114 18	\$ 30 10	2 356 84
Miscellaneous Endowments Income.....	6 184 12	3 531 90	78 71	2 573 51
Building and Improvement.....	698 04	77 50	21 84	598 70
Research Gifts.....	230 408 09	196 797 93	4 970 92	28 639 24
Scholarship, Fellowship, and Prize Gifts.....	23 480 66	17 341 03		6 139 63
Other Expendable Funds.....	49 060 83	15 599 00		33 461 83
Deposit Funds.....	91 957 26	81 640 90	325 00	9 991 36
<b>Grand Total.....</b>	<b>\$415 751 76</b>	<b>\$325 314 86</b>	<b>\$5 426 57</b>	<b>\$85 010 33</b>

SCHEDULE H  
BALANCE SHEET AS AT JUNE 30, 1931

ASSETS

<b>I. General and Building Funds</b>			
Cash with University Treasurer (Sch. C).....	\$663 136 281		
Petty Cash Funds.....	30 600 00		
Balance in State Appropriations (Sch. C).....			
For Operation (including special).....	\$ 69 397 89		
For Buildings.....	688 661 33	758 059 22	
Stores and Service Departments Inventories (Sch. E).....		112 607 88	
Accounts Receivable.....	32 363 01		
Due from State Board of Vocational Education (Smith-Hughes)		15 923 59	\$1 612 689 98
<b>II. Trust Funds</b>			
Cash with University Treasurer (Sch. C).....	108 375 99		
Notes Receivable.....	178 353 92		
Prepaid Insurance.....	336 77		
Investments			
Stocks and Bonds.....	\$300 394 66		
Land.....	46 550 00	346 944 66	634 011 34
<b>III. Endowment Fund</b>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862).....			649 012 91
<b>IV. Plant and Property</b>			
Plant and Property (July 1, 1930).....			25 117 353 67
<i>Total Assets</i> .....			<u>\$28 013 067 90</u>

LIABILITIES AND SURPLUS

<b>I. General and Building Funds</b>			
Appropriation Balances (Sch. D)			
Reserved to cover encumbrances.....	\$866 707 50		
Reappropriated.....	76 579 18	\$943 286 68	
Reserve for Petty Cash Funds.....	30 600 00		
Reserve for Stores.....	122 360 64		
Residence Hall and Hospital Balances.....	256 620 44		
Unappropriated Agricultural Income.....	16 461 47		
Reserved for 1931-32 Special Appropriations.....	34 994 00		
Unappropriated General Income (Reserve and Contingent Fund) (Sch. A).....		208 366 75	\$1 612 689 98
<b>II. Trust Funds</b>			
Expendable Funds (Sch. G)			
Encumbered.....	5 426 57		
Unencumbered.....	85 010 33	90 436 90	
Non-Expendable Funds (Sch. F).....	350 590 74		
Student Loan Funds.....	192 983 70		634 011 34
<b>III. Endowment Fund</b>			
			649 012 91
<b>IV. Plant Liabilities and Surplus</b>			
Dental Property Bonds.....	49 400 00		
Surplus Invested in Fixed Assets.....	25 067 953 67		25 117 353 67
<i>Total Liabilities and Surplus</i> .....			<u>\$28 013 067 90</u>

<sup>1</sup>Securities totalling \$684,800.00 are deposited by the Treasurer to secure this balance.

APPENDIX I  
STATEMENT OF MEMORIAL STADIUM FUND  
AS AT JUNE 30, 1931

	<i>Receipts and Disbursements</i>		
	<i>Prior to July 1, 1930</i>	<i>Year 1930- 1931</i>	<i>Total to Date</i>
<i>Receipts</i>			
From Subscriptions.....	\$1 676 675 20	\$1 079 50	\$1 677 754 70
From Donations.....	5 071 92	30 00 <sup>1</sup>	5 041 92
From Interest.....	27 353 00	38 19	27 391 19
From Loans.....	29 000 00	2 500 00 <sup>1</sup>	26 500 00
<i>Total Receipts</i> .....	<u>1 738 100 12</u>	<u>1 412 31<sup>1</sup></u>	<u>1 736 687 81</u>
<i>Disbursements</i>			
Office Collection Expense.....		9 70	9 70 <sup>a</sup>
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements</i> .....	<u>\$1 735 635 78</u>	<u>\$ 9 70</u>	<u>\$1 735 645 48</u>
<i>Cash Balance</i> .....			<u>1 042 33</u>

*Balance Sheet*

<i>Assets</i>			
Cash.....		1 042 33	
Due from Pledge Installments			
Past Due Installments.....	479 336 69		
Future Installments.....	<u>3 189 00</u>	482 525 69	
Due from Athletic Association for Office Expense		<u>9 70</u>	
<i>Total Assets</i> .....			483 577 72
<i>Liabilities and Surplus</i>			
Notes Payable.....			<u>26 500 00</u>
<i>Excess of Assets (including Unpaid Pledges) over liabilities</i> .....			<u>457 077 72</u>
<sup>1</sup> Deduction Refunds and Repayments.			
<sup>a</sup> To be refunded by Athletic Association.			

This report was received for record.

**ANNUAL REPORT OF THE TREASURER**

(19) The following report of the Treasurer of the University for the year ended June 30, 1931:

The Comptroller certified that he has examined this report and that it is correct in accordance with his records.

July 22, 1931

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

I transmit herewith the report of the Treasurer of the University of Illinois for the year ended June 30, 1931, as required by the by-laws of the Board of Trustees. I have examined this report and hereby certify that it is correct in accordance with my record. I attach a reconciliation between the balance as reported by the Treasurer and the balance given in my Quarterly Report separately submitted.

This report of the Treasurer will be subject to audit by the public accounting firm, engaged to make regular audits of the accounts by the University, at the time of the next audit.

Cordially yours,

LLOYD MOREY  
*Comptroller*

*RECONCILIATION WITH THE UNIVERSITY TREASURER  
AS AT JUNE 30, 1931*

Treasurer's Balance.....	\$844 323 25	
Add:		
Receipts not Deposited.....	<u>35 179 91</u>	\$879 503 16
Deduct:		
Deposits not entered by us.....	1 319 87	
Unpaid Warrants.....	<u>106 671 02</u>	
Business Office Balance.....		<u>\$771 512 27</u>
Consisting of:		
Trust Funds.....	108 375 99	
Residence Hall Funds.....	261 060 89	
Federal Funds.....	3 200 00	
General Funds.....	<u>398 875 39</u>	<u>\$771 512 27<sup>1</sup></u>

<sup>1</sup>As per Quarterly Report of the Comptroller, June 30, 1931, Schedule C.

July 17, 1931

*The Board of Trustees of the University of Illinois*

GENTLEMEN:

In compliance with the by-laws of the Board of Trustees of the University of Illinois, Article 6, Section 4, pertaining to the duties of the Treasurer, I am submitting herewith a detailed report of the securities in my possession as at June 30, 1931, also a report of all receipts and disbursements from July 1, 1930, to June 30, 1931.

Respectfully yours,

HAZEN S. CAPRON  
*Treasurer,  
University of Illinois*

STATEMENT OF RECEIPTS AND DISBURSEMENTS OF THE TREASURER  
OF THE UNIVERSITY OF ILLINOIS  
YEAR ENDED JUNE 30, 1931

Balance June 30, 1930.....		\$938 813 14
<i>Receipts</i>		
July.....	\$216 281 20	
August.....	184 003 32	
September.....	560 089 98	
October.....	224 344 35	
November.....	69 158 30	
December.....	55 574 11	
January.....	219 682 12	
February.....	448 261 86	
March.....	210 566 54	
April.....	109 026 00	
May.....	105 966 46	
June.....	<u>214 963 82</u>	2 617 920 06
		<u>\$3 556 733 20</u>
<i>Disbursements</i> (Per cancelled warrants returned to Comptroller)		
July.....	\$356 518 38	
August.....	192 558 85	
September.....	168 680 51	
October.....	227 276 65	
November.....	209 748 66	
December.....	217 313 30	
January.....	157 548 35	
February.....	237 462 58	
March.....	254 946 96	
April.....	262 415 91	
May.....	218 033 05	
June.....	<u>209 906 75</u>	\$2 712 409 95
Balance on hand June 30, 1931.....		<u>\$ 844 323 25</u>

TRUST FUND INVESTMENTS AS AT JUNE 30, 1931

Special Investments—Security	Interest Rate	Maturity	Par Value	Purchase Rate	Amortised Book Value	Date Acquired	Fund
<i>Special Investments—Endowment Funds</i>							
Ill. Power & Light Corp., First Mortgage and Refunding, Series A.....	6	April 1, 1933	\$2 000 00	Gift	\$2 000 00	May 29, 1931	
Ill. Water Service Co., First Mortgage Bonds, Series A.....	5	Jan. 1, 1932	2 000 00	Gift	2 000 00	May 29, 1931	
Kansas Power & Light Co., First Mortgage Bond, Series B.....	5	May 1, 1937	5 000 00	Gift	5 000 00	May 29, 1931	
Kappa Kappa Gamma Sorority—Beta Lambda Chapter, First Mortgage Real Estate Note No. 18.....	6	May 1, 1937	1 000 00	Gift	1 000 00	May 29, 1931	
La Salle Wacker Building Corp., First Mortgage Bond, Series B.....	6	June 1, 1934	2 000 00	Gift	2 000 00	May 29, 1931	
New England Power Association, First Mortgage Bond.....	5½	Dec. 1, 1934	1 000 00	Gift	1 000 00	May 29, 1931	
St. Louis, Springfield & Peoria R. R., First and Refunding Mortgage Bond.....	5	Dec. 1, 1939	4 000 00	Gift	4 000 00	May 29, 1931	
Real Estate Note—First Mortgage, 160 acres, Champaign County, Ill.....	7	Oct. 1, 1931	6 440 46	Gift	6 440 46	May 29, 1931	
Real Estate Note—First Mortgage, Lot, City of Champaign.....	6	May 1, 1932	3 500 00	Gift	3 500 00	May 29, 1931	
Chicago & West Towns Railway Co., First Mortgage Bond, Series A.....	7	July 1, 1932	1 000 00	Gift	1 000 00	May 29, 1931	
Delta Phi Fraternity, Alumni Assn. of Tau Chapter, First Mortgage.....	6	Nov. 1, 1934	5 000 00	Gift	5 000 00	May 29, 1931	
Illinois Orchard Co., First Mortgage Bond	7	March 15, 1932	2 500 00	Gift	2 500 00	May 29, 1931	
Alpha Kappa Lambda, Gamma Alumni Real Estate Mortgage Note.....	6	June 1, 1938	1 000 00	Gift	1 000 00	May 29, 1931	
American Founders Corp., 60 Shares Cumulative First Refund Stock.....	6		3 000 00	Gift	3 000 00	May 29, 1931	
Berlin City Electric Co., Inc., Debentures.....	6½	Feb. 1, 1939	5 000 00	Gift	5 000 00	May 29, 1931	
Bloomington, Decatur & Champaign R. R., First and Refunding Mortgage Bond.....	5	Nov. 1, 1940	6 000 00	Gift	6 000 00 (50 440 46)	May 29, 1931	K. C. Babcock Research Fellowship Endowment
British Columbia Pulp & Paper Co., Ltd., First Mortgage Bonds.....	6	Nov. 1, 1930	2 000 00	Gift	2 000 00	1923	
Vancouver Lumber Co., Ltd., First Mortgage Bonds.....	7½	May 1, 1937	300 00	Gift	300 00 (2 300 00)	1923	Ira O. Baker Prize Fund

†In hands of trustee for Bondholders' Committee pending exchange for stock.

Chicago By-Products Coke Corp., (Peoples Gas, Light & Coke Co.), First and Refunding Bonds, Series A.....	5	Jan. 1, 1976	2 000 00	Gift	2 000 00 (2 000 00)	Dec. 8, 1925	Wm. Beaumont Memorial Fund
Argentine Republic Bonds.....	5	March 1, 1945	(£ 3 000) 14 595 00	Gift	10 000 00 (10 000 00)	June 24, 1921	Robert F. Carr Fellowship in Chemistry
West Penn Power Co., First Mortgage Bonds, Series E.....	5	March 1, 1963	500 00	98 50	483 50 (483 50)	Sept. 9, 1925	English Poetry Prize Fund
U. S. First Liberty Loan Bonds.....	4 1/4	June 15, 1947	950 00	Gift	936 00 (936 00)	Dec. 11, 1928	Electrical Engineering Loan Fund
First Mortgage on 50 acres of land, Cham- paign County (Part).....	5 1/2	July 1, 1935	1 000 00	100 00	1 000 00	July 8, 1930	
First Mortgage on 350 acres of land, Frank- lin County, Ill. ....	7	June 16, 1934 (With instalment)	14 000 00	100 00	14 000 00	Aug. 29, 1928	
First Mortgage on 280 acres of land, Frank- lin County, Ill. ....	7	July 7, 1932	7 500 00	100 00	7 500 00	Aug. 29, 1928	
First Mortgage on 400 acres of land, Frank- lin County, Ill. ....	7	Sept. 30, 1931	5 000 00	100 00	5 250 00	Aug. 29, 1928	
First Mortgage (Part) 80 acres of land, Champaign County, Ill. ....	5	Sept. 1, 1931	1 508 33	100 00	1 508 33	June 10, 1930	
Appalachian Power Co., First Mortgage Bonds.....	5	June 1, 1941	4 000 00	101 50	4 048 20	Jan. 21, 1929	
Baltimore & Ohio Railway Co., Southwest Division, First Mortgage Bonds (Part)	5	July 1, 1950	127 97	102 75	128 14	April 22, 1931	
Chicago Union Station Co., First Mortgage Bonds.....	4 1/2	July 1, 1963	15 000 00	99 125 2M 99 80 2M 99 805			
Detroit Edison Co., First Mortgage Bonds	5	Jan. 1, 1933	15 000 00	10M 100 375 1M 102 25 6M 102 25 5M 102 875 3M 103 00	15 033 84	Jan. 15, 1929	
Kansas City Terminal Railway Co., First Mortgage Bonds.....	4	Jan. 1, 1960	20 000 00	88 75 1M 80 00 2M 81 25		Aug. 2, 1928	
Swift and Co., First Mortgage Bonds.....	5	July 1, 1944	10 500 00	6M 99 75 10M 102 50 5C 101 75	17 977 00	July 30, 1928 July 30, 1928 Sept. 14, 1928 Sept. 14, 1928 Jan. 15, 1929 April 16, 1929	

TRUST FUND INVESTMENTS (Continued)

Security	Interest Rate	Maturity	Par Value	Purchase Rate	Amortized Book Value	Date Acquired	Fund
Terminal Railroad Assn. of St. Louis, First Mortgage Bonds.....	4 1/2%	Oct. 1, 1939	1 000 00	101 00	1 009 18	Aug. 1, 1928	McKinley Endowment Economics of Public Utilities
West Penn Power Co.....	5	March 1, 1963	10 000 00	1M 102 25		Aug. 2, 1928	
				1M 103 00		Aug. 1, 1928	
				4M 103 50		Aug. 3, 1928	
				1M 103 75		Aug. 2, 1928	
Wisconsin & Minnesota Light & Power Co., First and Refunding Mortgage Bond..	5	May 1, 1944	1 003 94	102 50	1 026 94	Oct. 18, 1930	McKinley Endowment Economics of Public Utilities
Savings Account, Trevett-Mattis Banking Co., Champaign.....	3	Call	206 17		206 17 (104 943 96)		
College of Physicians & Surgeons, First Mortgage Bonds.....	6	July 1, 1932	4 700 00	1M 94 00	2 352 00	March 1, 1922	Robert L. Rea Scholarships
				24C 98 00	1 300 00	May 19, 1922	
				13C 100 00	(4 592 00)	1913	
Central Maine Power Co., First and General Mortgage, Series C.....	5 1/2%	Aug. 1, 1949	2 500 00	Gift	2 500 00	June 10, 1930	Lorado Taft Lectureship
Goodyear Tire & Rubber Co., First Mortgage and Collateral Trust Bonds.....	5	May 1, 1957	1 000 00	Gift	1 000 00	June 10, 1930	
Laclede Gas & Light Co., First Mortgage and Collateral Refunding Bonds.....	5 1/2%	Feb. 1, 1953	500 00	Gift	500 00	June 10, 1930	
Puget Sound Power & Light Co., First and Refunding Mortgage Bonds, Series A	5 1/2%	June 1, 1949	1 000 00	Gift	1 000 00 (5 000 00)	June 10, 1930	
First Farm Mortgage (Part) 80 acres of land, Champaign County, Ill.....	5	Sept. 1, 1931	5 491 67	100 00	5 491 67	June 24, 1930	E. A. Wallace Memorial Scholarship
First Farm Mortgage on 200 acres (Part), Champaign County, Ill.....	5 1/2%	March 1, 1938	4 500 00	100 00	4 500 00 (9 991 67) (190 711 59)	May 21, 1931	
<i>Total, Special Investments</i>							
<i>Group Investments—Endowment Funds</i>							
American Smelting & Refining Co., First Mortgage Bonds, Series A.....	5	April 1, 1947	5 000 00	4M 101 875	5 000 21	July 11, 1930	E. A. Wallace Memorial Scholarship
Atchison, Topeka & Santa Fe R. R. Co., First Mortgage Bonds.....	4	Jan. 1, 1965	12 000 00	1M 91 75 11M 92 125	11 074 63	July 17, 1930 Jan. 15, 1929	

Baltimore and Ohio Railroad Co. (Part), South-west Division, First Mortgage Bond...	5	July 1, 1950	3 372 03	102 75	3 470 61	April 22, 1931
First Farm Mortgage on 80 acres of land, Champaign County, Ill. ....	5 1/2	Feb. 1, 1936	2 000 00	100 00	2 000 00	Feb. 6, 1931
Cleveland Electric Illuminating Co., First Mortgage Bond.....	5	April 1, 1939	10 000 00	103 725	10 276 16	Jan. 15, 1929
Commonwealth Edison Co., First Mortgage Bond.....	5	June 1, 1943	15 000 00	5M 10M 105 00	15 611 52	Jan. 27, 1929
Des Moines Electric Co., First Mortgage Bond.....	5	Nov. 1, 1938	11 000 00	10M 101 50	11 121 12	Jan. 31, 1929
Detroit Edison Co., First Mortgage Bond.....	5	Jan. 1, 1933	2 000 00	1M 101 25	2 007 23	March 5, 1929
First Farm Mortgage (Part), 50 acres, Champaign County, Ill. ....	5 1/2	July 1, 1935	600 00	100 00	600 00	Dec. 4, 1926
First Farm Mortgage (Part), 200 acres, Champaign County, Ill. ....	5 1/2	March 1, 1938	5 500 00	100 00	5 500 00	July 8, 1930
Mississippi River Power Co., First Mortgage Bond.....	5	Jan. 1, 1951	5 000 00	4M 1M 102 50	5 111 93	Feb. 21, 1931
San Diego Consolidated Gas & Electric Co., First Mortgage Bond.....	5	March 1, 1939	11 000 00	5M 6M 103 50	11 283 68	July 28, 1930
First Farm Mortgage, 200 acres of land, Champaign County, Ill. ....	5 1/2	May 1, 1934	4 000 00	100 00	4 000 00	July 18, 1930
Sierra & San Francisco Power Co., First Mortgage Bond.....	5	Aug. 1, 1949	5 000 00	1M 102 375	5 093 24	Jan. 15, 1929
Swift and Co., First Mortgage Bond.....	5	July 1, 1944	1 000 00	4M 101 875	1 015 08	July 16, 1930
West Penn Power Co., First Mortgage Bond.....	5	March 1, 1946	15 000 00	5M 102 875	15 408 60	April 16, 1929
Wisconsin & Minnesota Light & Power Co., First and Refunding Bond (Part).....	5	May 1, 1944	996 06 (108 468 09)	102 50	1 019 06 (109 683 07)	Jan. 17, 1929
<i>Other Investments</i>						Group Investments
Urban Coke Corp., 500 Shares Preferred Capital Stock (Dividends cumulative from Jan. 1, 1926).....	6		50 000 00	None	None	Oct. 8, 1930

I hereby certify that the above is a correct listing of the securities owned by the University of Illinois. All of these securities are in my possession except those of the McKinley Endowment of Economics of Public Utilities which are held in escrow by the Trevett-Mattie Banking Company.

HAZEN S. CAPRON, Treasurer, University of Illinois

Date: July 17, 1931

Received in exchange for Patent Number 1,458,964, "Process of Manufacture of Coke for Metallurgical Uses," and for right and title to such inventions as had been conceived by Messrs. Parr and Layng pertaining to the coking of coal.

This report was received for record.

### REGISTRAR'S REPORT OF FEES

(20) The following report from the Registrar of fees assessed for the second semester of 1930-31:

URBANA DEPARTMENTS		Total	Net Total
	Gross	Refund	
Matriculation Fees.....	\$ 3 670 00	\$ 50 00	\$ 3 620 00
Incidental Fees			
Resident.....	193 262 50	3 462 50	189 800 00
Non-Resident.....	47 512 50	993 75	46 518 75
Thesis Work in Absentia.....	90 00		90 00
Tuition Fees.....	900 00	131 25	858 75
Visitor's Fees.....	236 25		236 25
Late Registration Fees.....	1 230 00	450 00	780 00
Change Fees.....	1 594 00	1 00	1 593 00
Special Examination Fees.....	1 565 00	35 00	1 530 00
Special Fee in English.....	25 00		25 00
Transcript of Credits Fees.....	18 449 00		18 449 00
Diploma Fees.....	18 970 00	120 00	18 850 00
<i>Total, General Fees, Urbana.....</i>	<i>\$269 594 25</i>	<i>\$5 243 50</i>	<i>\$264 350 75</i>
Laboratory Fees			
Agronomy.....	302 00	18 00	284 00
Anatomy.....	690 00	17 50	672 50
Animal Husbandry.....	5 00		5 00
Athletic Coaching.....	469 00	11 50	457 50
Bacteriology.....	734 00	18 75	715 25
Botany.....	643 75	23 00	620 75
Ceramic Engineering.....	133 00	2 00	131 00
Chemistry.....	19 509 00	1 070 00	18 439 00
Civil Engineering.....	832 00	12 75	819 25
Dairy Husbandry.....	160 00	4 00	156 00
Electrical Engineering.....	618 00	3 75	614 25
Entomology.....	209 50	15 00	194 50
Farm Mechanics.....	245 00	20 50	224 50
General Engineering Drawing.....	645 00	27 25	617 75
Geology.....	345 00	15 25	329 75
Home Economics.....	1 090 00	40 00	1 050 00
Horticulture.....	404 00	8 25	395 75
Journalism.....	316 00	3 50	312 50
Law.....	56 00	3 00	53 00
Mechanical Engineering.....	1 609 50	22 75	1 586 75
Mining Engineering.....	24 50	1 00	23 50
Music.....	4 487 50	187 50	4 300 00
Physical Education (Women).....	2 104 50	58 50	2 046 00
Physics.....	2 255 50	38 50	2 217 00
Physiology.....	806 00	36 75	769 25
Psychology.....	115 00	9 00	106 00
Public Speaking.....	275 00	5 00	270 00
Spanish.....	13 00	50	12 50
T. & A. Mechanics.....	525 00	17 00	508 00
Zoology.....	1 916 25	68 75	1 847 50
<i>Total, Laboratory Fees, Urbana.....</i>	<i>\$ 41 538 00</i>	<i>\$1 759 25</i>	<i>\$ 39 778 75</i>
<i>Total Fees, Urbana Departments.....</i>	<i>\$311 132 25</i>	<i>\$7 002 75</i>	<i>\$304 129 50</i>
CHICAGO DEPARTMENTS <sup>1</sup>		Total	Net Total
	Gross	Refund	
Matriculation Fees.....	\$ 50 00	\$ 10 00	\$ 40 00
Tuition Fees.....	65 275 00	774 40	64 501 50
Physicians' Courses.....	250 00		250 00
Late Registration Fees.....	30 00		30 00
Transcript of Credits Fees.....	9 00		9 00
Special Examination Fees.....	30 00		30 00
Diploma Fees.....	3 700 00	10 00	3 690 00
<i>Total, General Fees, Chicago.....</i>	<i>\$ 69 344 90</i>	<i>\$ 794 40</i>	<i>\$ 68 550 50</i>
Obstetric Fee.....		\$ 22 00 <sup>2</sup>	\$ -22 00
Laboratory Fees, Chicago.....	\$ 18 238 00	\$ 325 75	\$ 17 912 25
<i>Total Fees, Chicago Departments.....</i>	<i>\$ 87 582 90</i>	<i>\$1 142 15</i>	<i>\$ 86 440 75</i>
<i>Total Fees, University.....</i>	<i>\$398 715 15</i>	<i>\$8 144 90</i>	<i>\$390 570 25</i>

<sup>1</sup>Does not include deposits, breakage fees, and locker fees. During the academic year a total of \$19,070.83 has been assessed on account of these items. The total refunds on these items has been \$3,547.05. The year figures are given rather than the semester figures because several of these items are assessed the first semester and refunded in June.

<sup>2</sup>Refund of fees collected first semester, 1930-31.

This report was received for record.

### INVESTMENT OF TRUST FUNDS

(21) On June 15 the Board authorized the investment of \$4,500 in Alabama Power Company, first mortgage, five per cent bonds at 104½ or better, and \$500 of Central

Illinois Public Service Company, five per cent, at an estimated price of 101 or better. It was impossible to get the Alabama Power Company bonds at the price authorized and to avoid any further loss of interest the Chairman of the Finance Committee purchased \$4,500 of Central Illinois Public Service Company, first and refunding, five per cent bonds, due May 1, 1956; \$4,000 of these bonds were purchased at 101  $\frac{1}{4}$  and \$500 at 101  $\frac{1}{2}$ .

On motion of Mr. Trees, the action of the Finance Committee was approved.

#### BOILER EQUIPMENT FOR MEDICAL BUILDING

(22) A request that a hearing be granted to Dr. Worthington and Mr. Snider, on the boiler equipment for the new Medical buildings.

This hearing was granted, and Dr. Worthington and Mr. Snider made statements and withdrew.

#### DEATH BENEFIT, PROFESSOR H. A. HOLLISTER

(23) Professor H. A. Hollister, High School Visitor and Professor of Education, *Emeritus*, died yesterday morning. I recommend that an appropriation of twelve hundred dollars be made from the Reserve and Contingent fund for the death benefit, and that the Comptroller be authorized to pay the death benefit to Professor Hollister's designated beneficiary.

On motion of Mrs. Evans, this authority was granted and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### SETTLEMENT OF ILLINOIS TERMINAL SYSTEM OF REPARATIONS ON ACCOUNT OF EXCESSIVE COAL FREIGHT RATES

(24) A proposal from the Illinois Terminal System for a settlement of the University's claim against it under the order of the Illinois Commerce Commission in the matter of reparations on account of excessive coal freight rates.

On motion of Mr. Williams, this settlement was approved as recommended.

#### IMPROVEMENTS IN DEWITT HOUSE

(25) A letter from Professor White:

July 23, 1931

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

At the meeting of the Board of Trustees on May 14, 1931, an appropriation of \$13,000 from the Woman's Residence Hall Reserve was made for the purchase of the DeWitt property at 1207 West Springfield Avenue, Urbana, to be used as a girls' cooperative house.

Mrs. Evans approved certain improvements and remodeling in the house which will cost \$1500. I have ordered this work to be done and am charging it to the same funds from which the appropriation was made for the purchase of the property. If it is not proper to charge this remodeling work to the Woman's Residence Hall Reserve, I shall be glad to have the Board instruct me as to what fund it should be charged.

Very truly yours,

JAMES M. WHITE  
*Supervising Architect*

On motion of Mrs. Evans, these improvements were authorized, to be charged against the Woman's Residence Hall Reserve Fund, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans,

Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**BIDS FOR ADDITION TO TURNER HOUSE FOR  
GEOLOGICAL SURVEY LABORATORIES**

(26) A letter from the Supervising Architect:

July 25, 1931

**GEOLOGICAL SURVEY LABORATORY BUILDING**

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

The following bids were received from local contractors this afternoon for the General Work on the proposed Geological Survey Laboratory Building:

1. Don Mason .....	\$ 8 359 00
2. English Bros. ....	9 500 00
3. A. W. Stoolman .....	9 787 00
4. Sowers & Corkery .....	9 876 00
5. King & Petry .....	10 720 00

The above bids do not include the heating, plumbing, wiring, ventilating, or laboratory equipment; nor the remodeling in the Turner house.

I recommend that the contract be awarded to the low bidder, Don Mason, of Urbana, at his bid of \$8,359.00.

Yours very truly,

JAMES M. WHITE  
*Supervising Architect*

On motion of Mr. Armstrong, the general contract was awarded to the lowest bidder, Don Mason.

On motion of Mr. Trees, the Supervising Architect was authorized to secure bids on the heating, plumbing, wiring, and laboratory equipment, and to award contracts in consultation with the President of the Board.

**AUDITORIUM FOR MEDICAL LABORATORIES BUILDING**

(27) A statement from the Supervising Architect concerning a proposed auditorium for the new Medical and Dental College Laboratories Building.

This statement was received for record.

**RENEWAL OF POPE MORTGAGE (TRUST FUNDS)**

Mr. Trees, for the Finance Committee, recommended that the Pope mortgage (\$5250 on 400 acres of land near Benton) be renewed for three years, at six per cent, on condition that the principal be reduced by \$500 at this time.

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

**VANCOUVER LUMBER COMPANY BONDS (TRUST FUNDS)**

Mr. Trees, for the Finance Committee, presented a recommendation that a proposal that the University pay an assessment on the Vancouver Lumber Company bonds be not accepted.

On motion of Mr. Trees, this proposal was not accepted.

**RENEWAL OF KAISER MORTGAGE (TRUST FUNDS)**

Mr. Trees, for the Finance Committee, recommended that the Kaiser mortgage (\$7,000 on 80 acres of land in Champaign County) be renewed for three years, at six per cent, on condition that the principal be reduced by \$500 at this time.

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

**ATHLETIC ASSOCIATION BUDGET**

Mr. Trees, for the Finance Committee, reported that in reviewing the Athletic Association budget the Committee recommended that the President of the University be requested to consider the relation that exists between the Athletic Association and the Board of Trustees, and to report any suggestions that he may desire to make.

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

**SPECIAL COMMITTEES DISCHARGED**

On motion of Mr. Trees, the following special committees of the Board were thanked for their work and relieved of further consideration of the matters referred to them: Committee on Installation of President Chase, Committee on Oakleaf Collection of Lincolniana, Committee on Naming Streets and Drives.

**COMMITTEE ON ALUMNI FOUNDATION**

Mr. Armstrong, for the Committee on Alumni Foundation, presented a report of progress and asked for more time. On motion of Mr. Williams, this committee was continued.

**RADIO STATION WGN**

The Acting Provost stated that a proposal had been received from WGN concerning daily broadcasts by members of the University staff.

This matter was referred to President Chase for investigation and report.

**GRADUATE SCHOLARS AND FELLOWS**

The Secretary presented for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University:

Civil Engineering	David J. Brumley.....	Scholarship	\$400
	Roberts T. Hedden.....	Scholarship	400
	Milo S. Ketchum, Jr.....	Scholarship	400

**APPOINTMENTS MADE BY THE PRESIDENT**

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

Allen, Frank Hederick, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)<sup>1</sup>

Allen, Harry Kenneth, Assistant in the Bureau of Business Research, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (July 6, 1931)

Amiel, Joseph Henri, Assistant in Romance Languages, for ten months beginning September 1, 1931, at a cash compensation of sixteen hundred dollars (\$1600). (June 29, 1931)

Asher, Roy Martin, Assistant in Business Law, for ten months beginning September 1, 1931, at a cash compensation of sixteen hundred dollars (\$1600). (June 29, 1931)

Baker, Maysel O'Haver, Assistant in the Reference Department of the Library, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (June 29, 1931)

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

Bald, Ian James, Assistant in German, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 10, 1931)

Bamber, Lyle E., to give instruction in Zoology in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 30, 1931)

Barnhart, Lyle, Assistant in the Bureau of Business Research, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 6, 1931)

Barrick, Roy Gilmore, Assistant Professor of Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, for one year beginning September 1, 1931, without salary. (July 7, 1931)

Behling, B. N., Instructor in the Economics of Public Utilities, for ten months beginning September 1, 1931, at a cash compensation at the rate of two hundred twenty dollars (\$220) a month. (July 7, 1931)

Bender, Wesley C., Assistant in Economics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Benedetto, Attelius Frank, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Borth, Daniel, to give instruction in Economics in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 30, 1931)

Brandt, Weldon Henry, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Bruce, Thor William, Assistant in Economics, for ten months beginning September 1, 1931, at a cash compensation of sixteen hundred dollars (\$1600). (June 29, 1931)

Burglund, Wilfred Paul, Technical Assistant in English, for ten months beginning September 1, 1931, at a cash compensation of fifteen hundred dollars (\$1500) of which three hundred seventy-five dollars (\$375) will be paid by the Theatre Guild. (June 29, 1931)

Burner, Jarvis Burr, Instructor in Romance Languages, for ten months beginning September 1, 1931, at a cash compensation at the rate of two hundred dollars (\$200) a month. (July 7, 1931)

Burns, Robert O., Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Burton, A. A., to give instruction in Chemistry in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 30, 1931)

Cash, Jacob Gerald, Assistant in Dairy Husbandry Extension, in the Agricultural Extension Service, for one year beginning September 1, 1931, at a cash compensation of fifteen hundred dollars (\$1500). (June 29, 1931)

Clifton, Marie, Machine Operator in the Bureau of Business Research, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand dollars (\$1000). (July 7, 1931)

Cooper, Franklin S., Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Cox, William Theodore, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, beginning September 1, 1931, and continuing until June 30, 1933, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Cramer, Ralph Ellsworth, Special Research Assistant in Engineering Materials, in the Engineering Experiment Station, in the College of Engineering, beginning July 6, 1931, and continuing until further notice, at a cash compensation at the rate of three hundred dollars (\$300) a month. (July 7, 1931)

DeBerard, Elizabeth, Assistant to the Dean of Women, for one year beginning September 1, 1931, at a cash compensation of sixteen hundred dollars (\$1600). (July 7, 1931)

Deem, Arden Garrell, Special Research Graduate Assistant in Gas Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning September 1, 1931, and continuing until June 30, 1933, but not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Dobberman, Marvin Robert, Assistant in Architecture, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (July 21, 1931)

Dunham, Clive F., Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Dunn, Cecil Gordon, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Edelstein, Rudolph, Assistant and Out-Patient Resident in Obstetrics and Gynecology, in the College of Medicine, for one year beginning July 1, 1931, at a cash compensation of one thousand dollars (\$1000). (July 21, 1931)

Farley, E. D., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Fitzgerald, L. E., to give instruction in Economics in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 30, 1931)

Forgostein, Harold, Instructor in Freehand Drawing, for ten months beginning September 1, 1931, at a cash compensation at the rate of two hundred dollars (\$200) a month. (July 21, 1931)

Galligar, Gladys Charlotte, Assistant in Botany, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Gelwick, Corwin Will, Student Assistant in Physical Education and Tennis Coach, for ten months beginning September 1, 1931, at a cash compensation of four hundred dollars (\$400), in addition to five hundred dollars (\$500) paid by the Athletic Association, for which the University assumes no responsibility. (June 29, 1931)

Genschmer, Fred, Assistant in German, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (June 29, 1931)

Gibson, Byron Hall, Instructor in English, for ten months beginning September 1, 1931, at a cash compensation at the rate of two hundred dollars (\$200) a month. (June 29, 1931)

Glenn, Sidney E., Associate in English, for one year beginning September 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400) (this supersedes his previous appointment). (July 10, 1931)

Goldman, Marcus S., to give instruction in English in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred thirty-three dollars and thirty-three cents (\$333.33) for the session. (June 30, 1931)

Goldman, Marcus S., Associate in English, for one year beginning September 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400) (this supersedes his previous appointment). (July 10, 1931)

Griffiths, David W., Supply Officer in the Military Department, for two months beginning July 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 29, 1931)

Gullette, C. C., Assistant Professor of Romance Languages, for one year beginning September 1, 1931, at a cash compensation of thirty-two hundred dollars (\$3200) (this supersedes his previous appointment). (July 22, 1931)

Hawkins, C. Arthur, to give instruction in Zoology in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred dollars (\$300) for the session, (this supersedes his previous appointment). (June 30, 1931)

Heckman, Harry W., Assistant in Economics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Hedges, Trimble R., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, beginning September 21, 1931, and continuing until July 1, 1932, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 6, 1931)

Henderson, Robert, to give instruction in Public Speaking in the Summer Session of 1931, on one-third time, beginning June 22 and ending August 15, 1931, at a cash compensation of eighty-three dollars and thirty-three cents (\$83.33) for the session. (June 30, 1931)

Henrichs, James R., Assistant in Botany, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation of three hundred dollars (\$300). (June 29, 1931)

Heslip, Malcolm F., Assistant in Business Organization and Operation, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (June 29, 1931)

Hoch, Harvey E., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Hubbard, Arthur Francis, Research Graduate Assistant in Mechanical Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning September 1, 1931, and continuing until June 30, 1933, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Johnson, Walter Gilbert, Assistant in English, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (July 9, 1931)

Johnston, Norman Cecil, Instructor in Voice, for ten months beginning September 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400). (July 7, 1931)

Kahn, Otto L., Assistant in Ophthalmology, in the College of Medicine, for one year beginning September 1, 1931, without salary. (June 29, 1931)

Kennedy, Mrs. Alice Fritschle, Assistant in English, on two-thirds time, for ten months beginning September 1, 1931, at a cash compensation of one thousand dollars (\$1000). (June 29, 1931)

Kies, Joseph Arthur, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

King, Ameda Ruth, to give instruction in History in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred dollars (\$300) for the session. (June 30, 1931)

Kirgis, Frederic Lee, Instructor in Law, for one year beginning September 1, 1931, at a cash compensation of twenty-seven hundred dollars (\$2700). (July 7, 1931)

Kubitz, Oskar A., Instructor in Philosophy, on one-half time, and Instructor in Music, on one-tenth time, and Instructor in German, on two-fifths time, for ten months beginning September 1, 1931, at a cash compensation of two thousand dollars (\$2000). (July 21, 1931)

Kusch, Polykarp, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Laxson, Dorothy M., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 29, 1931)

Learner, Aaron, Instructor in Pathology and Bacteriology, in the College of Medicine, for one year beginning September 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400). (July 21, 1931)

Lebensart, Ruth, Assistant in Neurology and Psychiatry, in the College of Medicine, for one year beginning September 1, 1931, without salary. (June 29, 1931)

Legrand, Félix R., Assistant in Romance Languages, for ten months beginning September 1, 1931, at a cash compensation of fifteen hundred dollars (\$1500). (June 29, 1931)

Lodge, Louise Finley, Assistant in Romance Languages, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (July 7, 1931)

Lyon, Kenneth C., Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning September 1, 1931, and continuing until June 30, 1933, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

MacFate, R. P., Hospital Chemist in the Hospital Laboratory, and Instructor in Physiological Chemistry, in the College of Medicine, for one year beginning September 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400). (July 21, 1931)

McMahan, John Wood, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Mertz, E. T., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 29, 1931)

Metterhausen, F. B., Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, in the College of Engineering, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 7, 1931)

Millhouse, George, Jr., Assistant in English, for ten months beginning September 1, 1931, at a cash compensation of fifteen hundred dollars (\$1500) (this supersedes his previous appointment). (June 29, 1931)

Moyer, Cecil A., Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Myers, Nellie Ray, to give instruction in the Library School in the Summer Session of 1931, beginning June 22 and ending August 15, 1931, at a cash compensation of two hundred fifty dollars (\$250) for the session. (June 30, 1931)

Neild, Harold Wallace, Assistant in Physiology, on three-fourths time, for ten months beginning September 1, 1931, at a cash compensation at the rate of ninety dollars (\$90) a month. (June 29, 1931)

Nelson, Harlan Willis, Special Research Graduate Assistant in Chemical Engineering, in the Engineering Experiment Station, in the College of Engineering, for ten months beginning September 1, 1931, at a cash compensation at the rate of eighty dollars (\$80) a month. (June 29, 1931)

Nicholson, Alfred, Assistant Professor of Art, for one year beginning September 1, 1931, at a cash compensation of thirty-five hundred dollars (\$3500). (July 14, 1931)

Nicholson, D. G., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 21, 1931)

Nickell, Paulena, Assistant Professor of Home Management, in the Department of Home Economics, in the College of Agriculture, beginning February 1, 1932, and continuing until July 31, 1932, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (July 1, 1931)

Palmer, C. E., Professor of Architectural Engineering, beginning September 1, 1931, on indefinite tenure, and Assistant to the Dean of the College of Fine and Applied Arts, for one year beginning September 1, 1931, at a cash compensation of fifty-two hundred dollars (\$5200) a year (this supersedes his previous appointment). (July 17, 1931)

Pattin, Howard Sparling, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 29, 1931)

Phelps, Rose B., Associate in Library Economy, for two years beginning September 1, 1931, at a cash compensation of twenty-six hundred dollars (\$2600) a year. (July 21, 1931)

Pilger, Martha, Assistant in German, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 10, 1931)

Pirok, John N., Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning September 1, 1931, and continuing until June 30, 1933, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Ramsey, John P., Jr., Instructor in Transportation, for ten months beginning September 1, 1931, at a cash compensation of twenty-four hundred dollars (\$2400). (July 7, 1931)

Richardson, Eleanor Louise, Assistant in Botany, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 29, 1931)

Sauer, Elmer Louis, Assistant in Farm Organization and Management, in the College of Agriculture and in the Agricultural Experiment Station, for one year beginning September 1, 1931, at a cash compensation of fourteen hundred dollars (\$1400). (July 6, 1931)

Schlosser, Eleanor Magdalena, Technician in Prosthetic Dentistry, for one year beginning September 1, 1931, at a cash compensation at the rate of eighty dollars (\$80) a month. (July 21, 1931)

Schneider, Elizabeth, to give instruction in English in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 30, 1931)

Schorr, Henry Chaskell, Assistant in Dermatology, in the College of Medicine, for one year beginning September 1, 1931, without salary. (June 29, 1931)

Schreiber, R. S., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation of three hundred dollars (\$300). (June 29, 1931)

Selling, Lowell S., Associate in Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, for one year beginning September 1, 1931, without salary. (July 23, 1931)

Slater, Clarence P., Assistant Purchasing Agent, in the Business Office, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of thirty-five hundred dollars (\$3500). (June 26, 1931)

Spoon, Margaret Helen, Assistant in the Reference Department of the Library, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (June 29, 1931)

Stoll, Henry G., Assistant in Ophthalmology, in the College of Medicine, for one year beginning September 1, 1931, without salary. (June 29, 1931)

Sweney, Edith E., to give instruction in English in the Summer Session of 1931, on one-half time, beginning June 22 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 30, 1931)

Symons, G. E., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation at the rate of thirty-five dollars (\$35) a month (this supersedes his previous appointment). (July 15, 1931)

Tarvin, D., Assistant in Chemistry, on three-fourths time, for ten months beginning September 1, 1931, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (July 15, 1931)

Tate, James Howard, Jr., Assistant in Botany, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (June 29, 1931)

VanArendonk, A. M., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (July 10, 1931)

Ward, Roland, Instructor in Chemistry, for ten months beginning September 1, 1931, at a cash compensation of two thousand dollars (\$2000). (July 8, 1931)

Williamson, Rose Elizabeth, Assistant in the Loan Department of the Library, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of fourteen hundred dollars (\$1400). (June 29, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

# MEETING OF THE BOARD OF TRUSTEES

OF THE

# UNIVERSITY OF ILLINOIS

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September 29, 1931



The September meeting of the Board of Trustees of the University of Illinois was held at the University in Urbana, at 10 o'clock a.m. on Tuesday, September 29, 1931. The following members were present: President Barr, Mr. Armstrong, Mr. Blair, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Chase was present. In the absence of the Secretary, Mr. A. J. Janata was asked to serve as Secretary *Pro Tempore*.

#### MINUTES APPROVED

The Secretary *Pro Tempore* presented the minutes of the meeting of July 27, 1931. On motion of Mr. Armstrong, the minutes were approved as printed on pages 383 to 408 above.

**MEETING OF EXECUTIVE COMMITTEE, AUGUST 25, 1931**  
 The Secretary *Pro Tempore* presented for record the minutes of a meeting of the Executive Committee held on August 25, 1931:

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Union League Club in Chicago at 12:30 p.m. (Chicago Time) on Tuesday, August 25, 1931. Mr. George A. Barr, Chairman, Dr. William L. Noble, and Mrs. Helen M. Grigsby, members of the Committee, were present; also President *Emeritus* David Kinley and Professor James M. White.

The Executive Committee considered the following matters presented by President *Emeritus* David Kinley and the Supervising Architect:

**KATE NEAL KINLEY MEMORIAL FELLOWSHIP**

President *Emeritus* Kinley presented the following proposal for the endowment of a Kate Neal Kinley Memorial Fellowship, and also a letter from President Chase, recommending acceptance of the gift:

"I hereby offer the Board of Trustees of the University of Illinois securities of the par value of Twenty Thousand Dollars (\$20,000.00) for the purpose of establishing a Fellowship in memory of my wife, Kate Neal Kinley, subject to the following conditions and provisions, which are to be accepted as part of this Trust by said Board of Trustees:

"1. This Trust shall be named "The Kate Neal Kinley Memorial Fellowship Endowment." If the transactions establishing this Trust shall not have been completed at the time of my death, the Administrators of my estate shall deliver to the Board of Trustees of the University of Illinois securities selected by said Administrators of the par value of Twenty Thousand Dollars (\$20,000.00), immediately after my death, of such a character as to yield a minimum income of One Thousand Dollars (\$1,000.00) per annum.

"2. The securities delivered to said Board of Trustees by me or by my Administrators shall be retained by said Board until their maturity or until good reason appears to said Board for believing that the market value of said securities is likely to become seriously impaired and the income therefrom likely to decrease in the immediate future; but said Board shall not be held responsible to make good any loss due to this requirement, unless it should appear that they have not exercised ordinary care in protecting said Endowment Fund.

"3. If at any time the principal sum of this Endowment becomes diminished from any cause, no award of the Fellowship shall be made until the full principal sum shall be reestablished by additions of annual income or otherwise; and while such impairment lasts the annual income shall be added to the principal.

"4. The principal of this Endowment shall be separately invested and the whole income devoted to its purposes and shall not be combined with other funds earning a different rate of interest and the income distributed or averaged.

"5. The principal of this Endowment, its income and any additions which may be made to either principal or income in the future, from any source, shall remain in control of the Board of Trustees of the University of Illinois and, notwithstanding any act of the Legislature requiring University funds to be held in the State Treasury, shall never be deposited in the Treasury of the State or any political division thereof.

"6. When it becomes necessary to reinvest any or all of the principal of said Endowment, the Board of Trustees shall not be restricted for such investment to the classes of securities prescribed by law for investment of trust funds, but shall use their best judgment to obtain securities which will yield as nearly as possible at least the original rate of income consistent with reasonable safety of principal.

"7. The Fellowship established by this Endowment shall be assigned to the College of Fine and Applied Arts only, or to its successor, and shall be open to students whose principal or major studies are in instrumental or vocal music or in the other fine arts, but shall not be open to students whose principal or major studies are in architectural construction, city planning, or landscape architecture.

"8. The annual income of said Fellowship shall be awarded to a graduate of said College, or to a graduate of some similar institution of equal educational standing,

for the purpose of enabling him or her to pursue advanced study in his or her line of work at home or abroad if the income is sufficient for the latter purpose and the student so prefers: Provided, that I reserve the right, on giving the Board of Trustees notice of my desire to that effect not later than March first of any year, to require that the income for the succeeding academic year, beginning September first, shall be paid to myself.

"9. Said Fellowship shall be awarded annually, except as herein otherwise provided, on the recommendation of a committee consisting of the Dean or Director of said College, the Head of the department or school of Art and the Head of the department or school of Music. Said Committee shall consider for this Fellowship only such applicants as show unusual promise in Music or in other fine arts while satisfying the other requirements, and shall not award said Fellowship alternately to said departments merely for the sake of recognizing both departments. The best applicant must be selected even though for a series of years the best applicant happens to appear in the same department. The recommendation of said Committee must be approved by the Dean of the Graduate School but in no case shall faculty approval of the recommendation of the Committee be required. The applicant must be certified by the Committee to be of good moral character and unless in a very exceptional case not over twenty-four years of age. Members of the staff below the rank of assistant professor may be applicants. If in any year in the judgment of a majority of the Committee no sufficiently worthy candidate appears, the Fellowship shall not be awarded in that year. This Fellowship shall be open to candidates of both sexes, irrespective of race, color, or religion; but no one shall be appointed who aggressively antagonizes religion.

"10. If in any year no candidate shall be appointed, the income for that year shall be added to the principal until from these additions or other sources, the principal shall aggregate Twenty-five Thousand Dollars (\$25,000.00). Thereafter, if in any year no candidate shall be appointed the income for that year shall be set aside to accumulate interest, and said year's income with its interest shall be added to the next year's income and made available for study abroad by the applicant then approved. If no applicant is approved for that year, the income of the two years may be used to provide lectures on music or the fine arts, as herein limited, or on both; or to purchase objects of art for the picture gallery or hall of casts. If such use is made of the income, the programs must show that the lectures or concerts are given on the Kate Neal Kinley Memorial Fellowship Fund, and objects of art purchased must be similarly marked. The choice of these purposes of expenditure of said income shall rest with the Committee charged with making the Fellowship Awards. But the income shall be available for these last mentioned purposes only if and when no worthy candidate for the Fellowship has been found and appointed for two successive years. If such use of the income of the two years is not made within six months after it has accrued it shall be added to the principal.

"11. The provisions for appointment of holders of this Fellowship, as set forth in paragraphs 9 and 10, are adapted to existing conditions of organization, curriculum, and administration. If in the future these conditions change, the Board of Trustees shall be free to modify these provisions provided that the general purposes of this Endowment are carried out, namely, the promotion of study of the fine arts by aiding graduate study in the same or increasing the provisions therefor as indicated.

"12. The following statement or its equivalent shall be printed in the annual Catalogue or Register of the University and in any other official publications of the University in which similar announcements are printed: The Kate Neal Kinley Memorial Fellowship was established in 1931 to promote advanced study in the Fine Arts, in memory of the wife of a former President of the University and in recognition of her influence in promoting these and similar interests."

DAVID KINLEY

Doctor Noble moved that on the recommendation of President Chase the endowment be accepted in accordance with the terms of the gift. Mrs. Grigsby seconded the motion, and it was unanimously adopted.

President *Emeritus* Kinley then presented an order on H. S. Capron of the First National Bank of Champaign for the \$20,000 worth of securities to constitute the endowment.

On motion of Mrs. Grigsby, the Comptroller was authorized and instructed to take possession of, and to transfer, the securities to the Treasurer of the University.

**PRESIDENT EMERITUS KINLEY RELIEVED FROM  
BEING SUBJECT TO CALL TO DUTY**

President *Emeritus* Kinley asked to be relieved from being subject to call for University duty while he is holding the commission from the Century of Progress Exposition for duties abroad.

On motion of Dr. Noble, this request was granted.

**PAYMENT FOR ARCHITECTURAL SERVICES ON SECOND  
UNIT OF MEDICAL AND DENTAL COLLEGE  
LABORATORIES BUILDING**

The Supervising Architect presented a request from Granger & Bollenbacher for a payment of \$7,000 on their contract for professional services on the second unit of the Medical and Dental College Laboratories Building.

On motion of Mrs. Grigsby, this payment was authorized.

**CONTRACT FOR LINOLEUM IN THE  
WOMAN'S GYMNASIUM**

The Supervising Architect submitted the following schedule of bids for linoleum in the Woman's Gymnasium:

**LINOLEUM BIDS, WOMAN'S GYMNASIUM**

	<i>F. K. Robeson Champaign, Ill.</i>	<i>O. W. Richardson Chicago, Ill.</i>	<i>Marshall Field Chicago, Ill.</i>	<i>Bachman Co. Decatur, Ill.</i>
Floor linoleum				
800 yards . . . . .	2.49 \$1992 00	2.23 \$1784 00	2.16 \$1728 00	1.92 \$1536 00
Wall linoleum				
15 yds. wainscoting	1.94 29 10	1.85 27 75	1.99 29 85	1.49 22 35
12 ft. thresholds . . .	.25 3 00	.20 2 40	.72 8 64	1.00 12 00
42 ft. wall edging . . .	.04 1 68	.10 4 20	.17 7 14	.50 21 00
<i>Total . . . . .</i>	<i>\$2025 78</i>	<i>\$1818 35</i>	<i>\$1773 63</i>	<i>\$1591 35</i>

He recommends that the contract be awarded to the lowest bidder, the Bachman Company of Decatur, Illinois, at their bid of \$1.92 for floor linoleum and \$1.49 for wall linoleum. The total cost will be approximately \$1,550.00 and will be charged to the Furnishing and Equipment item in the Physical Plant Budget. The two small items of brass edging and thresholds will not be included in the contract as the Bachman Company's prices are too high, and these items can be purchased locally to advantage.

On motion of Doctor Noble, this contract was awarded to the lowest bidder as recommended.

**CONTRACT FOR LABORATORY EQUIPMENT IN FOODS  
AND NUTRITION LABORATORIES IN  
THE WOMAN'S BUILDING**

The Supervising Architect presented the following schedule of bids received for laboratory equipment in the foods and nutrition laboratories of the Home Economics Department in the Woman's Building:

Fisher Co., Charles City, Iowa . . . . .	\$3 018 86
Kewaunee Mfg. Co., Kewaunee, Wisconsin . . . . .	3 043 20
Leonard Peterson & Co., Chicago . . . . .	3 087 85
Walrus Mfg. Co., Decatur, Illinois . . . . .	3 345 00
Weich Mfg. Co., Chicago . . . . .	3 198 70

He recommends that the contract be awarded to the lowest bidder, the Fisher Company of Charles City, Iowa, at their bid of \$3,018.86. The cost of this equipment will be charged to the item of \$15,000 for special equipment carried in the Physical Plant Extension budget.

On motion of Mrs. Grigsby, this contract was awarded to the lowest bidder, as recommended.

**CONTRACT FOR PAINTING AND CALCIMINING IN  
CHICAGO BUILDINGS**

The Supervising Architect presented the following bids for calcimining and painting to be done in the Medical, Dental, Pharmacy, and Research Laboratory and Library buildings in Chicago:

	<i>Davis &amp; Kreeger</i>	<i>James Gersham</i>	<i>Moore Decorating Company</i>	<i>Stanley Driscoll</i>	<i>Culberison Decorating Service</i>
Dental.....	\$2 837 00	\$3 000 00	\$4 125 00	\$4 500 00	\$4 265 00
Pharmacy.....	2 117 00	2 375 00	3 485 00	3 400 00	3 490 00
Research.....	1 617 00	1 790 00	1 650 00	1 800 00	1 775 00
Medical.....	653 00	740 00	1 100 00	1 500 00	1 225 00
	<u>\$7 224 00</u>	<u>\$7 905 00</u>	<u>\$10 360 00</u>	<u>\$11 290 00</u>	<u>\$10 755 00</u>

The Supervising Architect recommends that the contract be awarded to the lowest bidder, Davis and Kreeger, at their bid of \$7,224.00. The cost of this work is provided for in the maintenance budget of the Chicago departments.

On motion of Dr. Noble, this contract was awarded to the lowest bidder as recommended.

**CONTRACT FOR PARTITIONS ON THIRD FLOOR OF  
MATERIALS TESTING LABORATORY**

The Supervising Architect presented the following schedule of bids from local contractors for some partitions on the third floor of the Materials Testing Laboratory:

<i>Bidders</i>	<i>Haydite Block</i>	<i>Alternate "A"</i>	<i>Clay or Shale Tile</i>
English Bros.....	\$1 891 00	— \$200 00	\$1 691 00
King & Petry.....	1 940 00	— 270 00	1 670 00
A. W. Stoolman.....	1 991 00	— 350 00	1 641 00
Don M. Mason.....	2 120 00	— 100 00	2 020 00
Thos. J. Corkery.....	2 300 00	— 400 00	1 900 00

Alternate "A"—Deduct if 4 x 12 x 12 clay or shale tile, as specified, is used instead of Haydite block.

He recommends that the contract be awarded to English Bros. of Champaign, Illinois, the lowest bidder, on the Haydite partition, at their bid of \$1,891.00, the cost to be charged to Physical Plant Extension funds.

On motion of Mrs. Grigsby, this contract was awarded to the lowest bidder as recommended.

**CONTRACTS FOR GEOLOGICAL SURVEY LABORATORY**

The Supervising Architect presented the following schedules of bids for the Heating, Plumbing, Ventilating, Wiring, and Laboratory Equipment in the Geological Survey Laboratory:

*HEATING*

<i>Bidders</i>	<i>Bids</i>
Carson-Payson Co., Danville, Ill.....	\$2 775 00
Carstens Bros., Ackley, Ia.....	3 570 00
Johnson Bros., Champaign, Ill.....	2 484 00
Kern, O. L., Champaign, Ill.....	2 900 00
Murray & Co., Hoopeston, Ill.....	2 950 00
Reliable Plg. & Htg. Co., Champaign, Ill.....	2 478 00
Walsh & Clancy Co., Champaign, Ill.....	3 408 00

*PLUMBING*

<i>Bidders</i>	<i>Bids</i>
Carson-Payson Co., Danville, Ill.....	\$ 898 00
Champaign Plg. & Htg. Co., Champaign, Ill.....	940 00
Johnson Bros., Champaign, Ill.....	997 00
Kern, O. L., Champaign, Ill.....	948 00
Murray & Co., Hoopeston, Ill.....	1 300 00
Reliable Plg. & Htg. Co., Champaign, Ill.....	1 170 00
Walsh & Clancy Co., Champaign, Ill.....	1 285 00

## VENTILATING

<i>Bidders</i>	<i>Bids</i>
Carstens Bros., Ackley, Ia. ....	\$1 178 00
Derrough, Harry, Champaign, Ill. ....	705 00

## WIRING

<i>Bidders</i>	<i>Bids</i>
Hatfield Electric Co., Indianapolis, Ind. ....	\$720 00
Hughes-Krabbe, Inc., Champaign, Ill. ....	499 00
Marrs-Tanner Electric Co., Danville, Ill. ....	995 00

## LABORATORY EQUIPMENT

<i>Bidders</i>	<i>Bids</i>
Kewaunee Mfg. Co., Kewaunee, Wis. ....	\$5 460 05
Leonard Peterson & Co., Chicago, Ill. ....	5 461 45
Welch Mfg. Co., Chicago, Ill. ....	5 701 30
Walrus Mfg. Co., Decatur, Ill. ....	6 291 00
Fisher Co., Charles City, Ia. ....	6 479 76

He recommends that the contracts be awarded to the lowest bidder in each case, as follows:

Heating—Reliable Plumbing & Heating Co., Champaign. ....	\$2 478 00
Plumbing—Carson-Payson Company, Danville, Illinois. ....	898 00
Ventilating—Harry Derrough, Champaign. ....	705 00
Wiring—Hughes-Krabbe, Inc., Champaign. ....	499 00
Laboratory Equipment—Kewaunee Mfg. Co., Kewaunee, Wis. ....	5 460 05

On motion of Doctor Noble, the contracts were awarded to the lowest bidder in each case, as recommended.

The Supervising Architect presented the following proposal from the Lehigh Stone Company of Kankakee, Illinois, for surfacing portions of the South Campus drives. This is an experiment to test out three different thicknesses of stone base with asphalt toppings on our present cinder drives. The proposal is as follows:

August 24, 1931

*Professor James M. White, Supervising Architect, University of Illinois*

GENTLEMEN:

We herewith submit our proposal for the construction of pavement on University of Illinois drives at Urbana, Illinois, all as outlined below.

For the pavement on Sixth Street consisting of approximately 2,000 square yards we bid \$1.75 per sq. yd. This includes the rolling of the filled sub-grade; the furnishing and placing of a crushed stone foundation course five inches thick after compaction and the furnishing and placing of a bituminous coated aggregate surface two inches thick after compaction.

For the pavement on Gregory Drive east of Sixth Street consisting of approximately 2,100 square yards, we bid \$1.10 per sq. yd. This includes the rolling of the sub-grade; the furnishing and placing of a crushed stone foundation course six inches thick after compaction and the furnishing and placing of a bituminous coated aggregate surface three quarters ( $\frac{3}{4}$ ) of one inch thick after compaction.

For the pavement on Gregory Drive west of Sixth Street consisting of approximately 3,000 square yards, we bid \$0.70 per sq. yd. This includes the scarifying, shaping and rolling of the cinder sub-grade; the furnishing and placing of a crushed stone foundation course three inches loose before compaction and the furnishing and placing of a bituminous coated aggregate surface three quarters ( $\frac{3}{4}$ ) of one inch thick after compaction.

All of the above work to be done in accordance with conference held with Mr. White and in accordance with specifications for construction of Macadam Roads and Bituminous Coated Aggregate Wearing Surface now on file in Supervising Architect's Office.

We are prepared to begin construction work within ten days and to complete the construction within fifteen working days.

Very truly yours,

LEHIGH STONE CO.  
by G. A. BROWN

*SUPPLEMENTAL SPECIFICATION TO PROPOSAL  
SUBMITTED AUGUST 24, 1931*

CONSTRUCTION OF PAVEMENT ON UNIVERSITY OF ILLINOIS DRIVES

*Construction of Macadam Foundation Course:*

After the sub-grade has been thoroughly rolled a layer of crushed stone graded from 3" stone down to 1½" stone shall be spread upon the sub-grade by means of a stone spreader. Stone screenings graded in size from ½" stone down to stone dust shall then be spread upon the layer of large stone. These screenings shall be spread in such quantity per square yard so as to fill the voids and interstices in the large stone.

The foundation course shall then be rolled with a ten-ton three-wheeled roller until the foundation course is completely locked, keyed and compacted. More stone screenings shall be added to fill any and all voids developed in this rolling. The foundation course shall then be rolled again so that no loose material is left on the surface. Water shall be used during this entire construction so as to keep the stone screenings wet so as to secure a water binding of the entire mass.

*Construction of Bituminous Coated Aggregate Wearing Surface:*

After the foundation course has been completed it shall receive a prime coat of asphalt applied by means of an asphalt distributor; ¾ of a gallon of asphalt per sq. yd. This quantity however shall be increased if it is found ¾ of a gallon is not priming the foundation completely.

A layer of crushed stone coated with asphalt; every stone to be completely coated by means of a mixing or pre-coating machine; shall be spread by means of a spreader to the specified thickness. This layer of asphalt coated stone shall be graded in size from 1½" stone down to ½" stone. After this layer of coated stone has been evenly and uniformly spread, asphalt coated stone chips graded in size from ½" chips down to ¼" chips shall be spread over the first layer of coated stone and the entire mass shall then be rolled with a ten-ton, three-wheeled roller until the surface wearing course is completely compacted to the specified depth and the entire surface is locked and keyed.

Coated stone chips shall be added and rolled to fill all voids that appear in the first rolling.

The surface course shall then be straight-edged to meet a maximum variation of ¼" in 20'0" and coated stone chips shall be applied and rolled to correct any variations in the surface.

A seal coat of asphalt shall then be applied by means of an asphalt distributor, ¾ gallon per square yard, and a good grade of torpedo sand spread upon this seal coat. The surface shall then be completely rolled so as to seal the entire wearing surface and make the same water-tight.

The above work will require the use of the following equipment at the site of the work:

- Pre-Coat Machine
- Emulsifying Machine for the asphalt
- Heating Machine for the asphalt
- Unloading conveyor for the stone
- Stone spreader
- Ten-Ton Three-Wheel Roller
- Tractor and blade

We will be pleased to furnish a three-year maintenance bond on all those pavements where a 2" compacted top is placed.

LEHIGH STONE CO.  
by G. A. BROWN  
August 26, 1931

On motion of Doctor Noble, the Executive Committee voted to accept the proposal of the Lehigh Stone Company and to charge the cost of this paving construction, amounting to approximately \$8,000, to the item of Campus Improvements in the Physical Plant Extension budget.

The Executive Committee adjourned.

The Executive Committee  
 GEORGE A. BARR, *Chairman*  
 W. L. NOBLE  
 HELEN M. GRIGSBY

JAMES M. WHITE  
*Clerk, Pro Tempore*

**MATTERS PRESENTED BY THE PRESIDENT OF  
 THE UNIVERSITY**

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

**UNIVERSITY APPROPRIATION BILLS**

(1) A report that certified copies of House Bill 652, appropriating State funds to the University for the biennium 1931-33, and Senate Bill 261, appropriating Federal funds to the University for the same biennium, which bills were passed by the Fifty-seventh General Assembly, have been filed with the Secretary of the Board of Trustees.

**HOUSE BILL 652**

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, 1931, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of four million nine hundred and forty thousand dollars (\$4,940,000) per annum, payable as follows: Out of the University of Illinois Fund, two million four hundred thousand dollars (\$2,400,000) per annum; out of the general revenue fund, two million five hundred forty thousand dollars (\$2,540,000) per annum; for the following objects and purposes:

For salaries and wages.....	\$3 675 000 per annum
For office expenses, including printing and publications.....	150 000 per annum
For travel.....	35 000 per annum
For operation.....	500 000 per annum
For repairs.....	165 000 per annum
For equipment.....	315 000 per annum
For permanent improvements.....	100 000 per annum

Total..... \$4 940 000 per annum

SEC. 2. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1931, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of *one million four hundred thousand dollars, (\$1,400,000)* payable out of any funds in the State Treasury not otherwise appropriated, for permanent improvements and equipment as follows:

Medical and Dental Laboratories and Equipment to be located on the grounds of the Research and Educational Hospital in Chicago.....	\$1 400 000
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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, 1931, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, for the payment of interest on the endowment funds of said University as provided by Section 2 of an Act entitled,

"An Act to make appropriations for the University of Illinois, and providing for the management of the funds of said University and for the protecting of the interest of the State in connection therewith," approved and in force June 11, 1897, the sum of thirty-two thousand five hundred dollars (\$32,500) per annum, or so much thereof as may be necessary under the terms of said Act.

SEC. 5. 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 Section 4 of this Act.

SEC. 6. Whenever there is not sufficient money in the University of Illinois Fund to meet the appropriations made in Section 1 hereof out of that fund, the Auditor of Public Accounts is hereby authorized to pay said appropriations out of the General Revenue Fund. Any amounts thus paid out of the General Revenue Fund shall be reimbursed to that fund from the University of Illinois Fund whenever money is received into the University of Illinois Fund.

Approved June 26, 1931  
LOUIS L. EMMERSON  
*Governor*

DAVID E. SHANAHAN  
*Speaker, House of Representatives*  
FRED E. STERLING  
*President of the Senate*

#### SENATE BILL 261

An Act appropriating to the University of Illinois the money granted by an Act of Congress, approved August 30, 1890, 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 mechanic arts, established under the provisions of an Act of Congress, approved July 2, 1862," and the money granted by an Act of Congress, approved March 4, 1907, entitled "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908."

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

SECTION 1. That the sum of fifty thousand dollars (\$50,000) per annum, 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 mechanic arts, established under the provisions of an Act of Congress, approved July 2, 1862," approved August 30, 1890, and 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, during the two years beginning July first, 1931, is hereby appropriated to the University of Illinois.

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.

SECTION 2. 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 hereby authorized and directed to draw his warrants on the State Treasurer for the sums appropriated in Section 1 of this Act.

Approved May 25, 1931  
LOUIS L. EMMERSON  
*Governor*

FRED E. STERLING  
*President of the Senate*  
DAVID E. SHANAHAN  
*Speaker of the House of Representatives*

This report was received for record.

#### PETITION FROM ROOMING HOUSE OPERATORS OF CHAMPAIGN AND URBANA

(2) A petition from operators of rooming houses of Champaign and Urbana concerning lodging house contracts or agreements between students and operators.

On motion of Mr. Trees, this petition was referred to the administrative officers of the University for reply.

**REVISED STATUTES OF THE UNIVERSITY**

(3) A recommendation that the following sections, Nos. 1 to 15 (Sections Nos. 1 to 36 as originally submitted) of the proposed University statutes as recommended by the University Senate and as amended by the Board of Trustees on June 26, 1931, be adopted and that all conflicting statutes and rules be herewith repealed:

*UNIVERSITY OF ILLINOIS STATUTES***THE PRESIDENT OF THE UNIVERSITY**

1. The President shall be the chief executive officer of the University and a member of the faculty of each college and school therein. He shall be elected by the Board of Trustees and his term of office shall be at the pleasure of the Board. The President shall attend the meetings of the Board and participate in its deliberations. He may act with freedom within the lines of general policy approved by the Board on his recommendation, but in any particular matter on which the Board has passed he shall follow the specific action taken. With the advice of the Council, he shall prepare the annual and biennial budgets for presentation to the Board of Trustees. He shall recommend to the Board suitable persons for positions in the University, and in case of exigency he may make appointments so that the work of the University shall not be interrupted, but such appointments shall be subject to confirmation by the Board. The President shall be responsible for the enforcement of the rules and regulations of the University. He shall make such recommendations to the Board and the Senate as he may deem desirable for the proper conduct and development of the work of the University. He shall be the presiding officer of the Senate. He shall issue diplomas conferring degrees, but this shall be done only on the recommendation of the Senate and by authority of the Board of Trustees.

**GENERAL ADMINISTRATIVE OFFICERS**

2. (a) One or more general administrative officers may be appointed by the Board of Trustees on the recommendation of the President of the University, to assist the President in such matters as he may designate.

(b) The Provost, or such general administrative officer as may be designated by the Board of Trustees, shall exercise the functions of the President in his absence, and shall at all times be of such assistance to the President as he can by the exercise of such functions as the latter may delegate to him.

**THE SENATE**

3. (a) The Senate shall consist of the full professors of the University, the President, the Provost and/or the general administrative officers provided for in Section 2, the Dean of the Graduate School, the deans of the colleges, the directors of schools, the Director of the Library, the Deans of Men and Women, the Commandant, the Registrar, the Director of the University Press, the High School Visitor, the acting chairman or acting head of each department, the Supervising Architect, the Director of Physical Welfare, and the Comptroller. Members of the teaching and research staffs who have been retired shall be entitled to the privileges of the floor at all meetings of their faculties and of the Senate, if they were members of the Senate before retirement, but shall not be entitled to vote.

(b) The Senate shall exercise legislative functions touching the educational policy of the University and shall make such rules and regulations as it may deem desirable to promote the educational interests of the University.

(c) Requirements for admission to the University and to the several colleges and schools, general requirements for degrees and certificates, questions of general educational policy, relations between colleges or schools, changes in the amount, character, or quality of work required for admission to the colleges or schools, and changes in the total number of hours required for degrees or certificates shall be determined by the Senate and shall take effect on approval by the Board of Trustees. Neither the powers conferred on the Senate by this section nor the powers conferred by Section 3 (b) shall extend to matters of which the college is given jurisdiction by Section 5 (c).

(d) The Senate shall elect a committee on student discipline which shall appoint one or more sub-committees with original jurisdiction to hear and render decisions in all disciplinary cases except that students registered in the Graduate School shall be subject to discipline by the Dean of that School. The Committee on Student Discipline shall hear and take action for the Senate in cases appealed to it from its sub-

committees, and it shall organize other general methods of procedure subject to the approval of the Senate.

(e) The Senate shall recommend candidates for diplomas, degrees, and certificates, which shall be conferred by the President under the authority of the Board of Trustees.

(f) No new line of work involving questions of general educational policy shall be established except on recommendation of the Senate.

(g) The Senate may propose amendments to the statutes of the University through the President to the Board of Trustees.

(h) The Senate shall elect annually by ballot at the April meeting from its own membership a Committee on Committees consisting of five persons. Not more than one member of this Committee shall be from the same college or school. After nominations made by this Committee in consultation with the President, the Senate shall elect committees on educational policy, the Library, athletics, student discipline, and such other standing committees as the Senate may from time to time authorize. Membership on these committees is open to the general faculty. Committees for special purposes may be selected by the Senate in whatever manner it may see fit.

#### THE COUNCIL

4. (a) The Council shall consist of the President, the Provost and/or the general administrative officers provided for in Section 2, the Dean of the Graduate School, the deans of the colleges, the directors of independently organized schools, the Director of the Library, and three members chosen by ballot from and by the membership of the Senate. In the discussion of budgetary matters the Council shall call on the Comptroller and the Supervising Architect for information.

(b) The Council shall act in the capacity of adviser to the President and it shall meet on his call. It shall not exercise legislative functions. The Council shall make recommendations concerning all matters relating to the university financial needs; and after the income of the University for any year has been determined, it shall make recommendations concerning the allotment of funds to the various university interests. These recommendations shall be transmitted to the President for information and advice in making up budgets and allotments.

#### THE COLLEGE

5. (a) The college is the largest educational and administrative group. It shall comprise those departments or interests which are best served by their inclusion within it.

(b) The college shall be governed in its internal administration by its faculty. The faculty shall consist of the President, the dean and assistant dean of the college, and all professors, associate professors, assistant professors, associates, and instructors within the group it comprises, together with a representative of each such other department or group as may be entitled to representation by virtue of participation in the program of instruction in the college, and finally such other officers of the University as the President may assign thereto.

(c) The college shall have jurisdiction in all educational matters, not involving questions of general university policy and not involving its relation to other colleges or schools, falling within the scope of its program, including the determination of its curricula, except that proposals which involve budgetary changes shall be submitted to the President acting with the advice of the Council. The college shall have the fullest measure of autonomy consistent with the maintenance of general university educational policy and correct academic and administrative relations with other divisions of the University. In questions of doubt arising as to the proper limits of this autonomy between the college and the Senate, the college shall be entitled to appeal for a ruling to the President in consultation with the Council.

(d) The transfer of any line of work, or any part thereof to or from a college, from or to some other administrative group shall be made on recommendation of the Senate and approval of the Board of Trustees.

(e) The faculty shall elect its own secretary and committees.

(f) There shall be an executive committee of two or more members, composed of or selected from the professors and associate professors in the college, elected annually by the faculty, to advise the dean in the administration of the college and to transact such business as may be delegated to it by the faculty. The dean shall be *ex-officio* a member and chairman of this committee.

#### THE DEAN

6. (a) The dean shall be the chief executive officer of the college, and he shall be responsible to the President for its administration.

(b) He shall be elected biennially by the Board of Trustees on nomination of the President. On the occasion of each such election, the President shall have the advice of the executive committee of the faculty concerned.

(c) (1) The dean shall call meetings of the faculty at such times as he or the executive committee may deem necessary, and shall preside over such meetings; (2) to the end that committee work may be reduced to a minimum he shall formulate and present to it policies for its consideration; however, the foregoing clause shall not be interpreted to abridge the right of any member of the faculty to present any matter to the faculty; (3) he shall make reports on the work of the college; (4) he shall oversee the registration and the progress of the students in the college; (5) he shall be responsible to the President for the educational use of the buildings and rooms assigned to the college, and the general equipment of the college as distinct from that of the separate departments; (6) he shall serve as the medium of communication for all official business of the college with other university authorities, the students, and the public; (7) he shall represent the college in conferences, except that additional representatives may be chosen by the faculty for specific conferences; (8) he shall prepare the budget of the college in consultation with the executive committee of the college; (9) he shall recommend the appointment, reappointment, or promotion of the officers and members of the teaching staff. In the case of appointment, reappointment, or promotion to the rank of professor or associate professor, he shall make his recommendation after consultation so far as practicable with the chairman and executive committee, or with the heads of the departments concerned; in case the college has no departments, the dean shall make such recommendations after consultation with the executive committee of the college; recommendations to positions in the teaching staff shall ordinarily originate with the department, or, in cases of groups not organized as departments, with the officers in charge of the work concerned, and shall be presented to the dean for transmission with his recommendation to the President; (10) in case recommendations from the colleges are not approved by the President, the dean shall have, with the consent of the Board, the opportunity of presenting the same in person before the Board of Trustees in session.

#### THE SCHOOL

7. (a) The school is an educational and administrative unit occupying a status between that of the department and the college.

(b) A school organized as an independent administrative unit shall be governed by the same regulations as a college.

(c) A school included within a college shall be under the general direction of the faculty of that college, which with the approval of the Senate may delegate specific powers to the school.

#### THE DIRECTOR OF A SCHOOL

8. (a) The chief executive officer of the school organized as an independent unit shall be a director or a dean, appointed biennially by the Board of Trustees, on the recommendation of the President. In the selection of such a dean or director, the President shall have the advice of the executive committee of the faculty concerned. Within the school the duties of a director or a dean shall be the same as those of the dean of a college.

(b) The chief executive officer of a school included within a college shall be a director appointed biennially by the Board of Trustees, on the recommendation of the dean of the college and of the President.

#### THE DEPARTMENT

9. (a) The department is the primary unit of education and administration within the University. It may include all persons engaged in the teaching and investigation of any subject or phase thereof or of closely related subjects.

(b) A department may be organized either with a chairman or with a head.

#### A DEPARTMENT ORGANIZED WITH A CHAIRMAN

10. (a) The chairman shall be appointed biennially by the Board of Trustees on nomination presented by the President after consultation with the dean of the college and the executive committee of the department concerned.

(b) In each department organized with a chairman, the voting faculty shall consist of the instructors, associates, assistant professors, associate professors, and professors. In consultation with the executive committee, the chairman may invite other persons to attend departmental meetings.

(c) The voting faculty of the department shall have power to determine such matters as do not so affect relations with other departments or colleges that they properly come under the supervision of larger administrative units. The department shall have the fullest measure of autonomy consistent with the maintenance of general college and university educational policy and correct academic and administrative relations with other divisions of the University. In questions of doubt arising as to the proper limits of this autonomy between the department and some other university officer or authority, the department shall be entitled to appeal for a ruling directly to the dean and the executive committee of the college and in extreme cases to the President in consultation with the Council.

(d) In each department organized with a chairman, there shall be an executive committee composed of men of the rank of assistant professor or above, elected annually by the voting members of the department. The chairman of the department shall be *ex-officio* a member and the chairman of this committee. The chairman and the executive committee shall be responsible for the preparation of the budget and for such matters as may be delegated to them by the voting faculty of the department. In a department which has a voting faculty of five members or fewer the executive committee shall consist of all persons of the rank of assistant professor or above.

(e) In each department organized with a chairman, that officer shall be responsible for the formulation and execution of departmental policies and the execution of university and college policies in so far as they affect the department; he shall have power to act independently in such matters as are delegated to him by the executive committee; he shall report on the teaching and research of the department; he shall have general oversight of the work of students in the department; he shall collaborate with the executive committee in the preparation of the budget and be responsible for the expenditure of departmental funds for the purposes approved by the executive committee; he shall have general charge of departmental property; and he shall call and preside over all meetings of the department and of the executive committee. The chairman together with the executive committee shall be responsible for the organization of the work of the department, and for the quality and efficient progress of that work.

(f) In the administration of his office the chairman shall recognize the individual responsibility of other members of the department for the discharge of the duties committed to them by their appointments, and shall allow proper scope to the ability and initiative of all members of the department.

#### A DEPARTMENT ORGANIZED WITH A HEAD

11. (a) The head of a department shall be appointed on indefinite tenure by the Board of Trustees on nomination presented by the President after consultation with the dean of the college and all the members of the department of professorial rank. He may, however, be relieved of his duties and title as head of the department by the Board of Trustees, on recommendation of the President in consultation with the dean of the college.

(b) The head of the department shall have power to determine such matters as do not so affect relations with other departments or colleges that they properly come under the supervision of larger administrative units. The department shall have the fullest measure of autonomy consistent with the maintenance of general college and university educational policy and correct academic and administrative relations with other divisions of the University. In questions of doubt arising as to the proper limits of this autonomy between the department and some other university officer or authority, the department shall be entitled to appeal for a ruling directly to the dean and the executive committee of the college and in extreme cases to the President in consultation with the Council.

(c) In each department organized with a head, that officer shall have general direction of the work of the department. He shall consult with the other members of the departmental staff on indefinite tenure, or with the heads of the several divisions, organized as an advisory committee, in regard to the departmental policies, and with each member of the department regarding the nature and scope of the work in his charge. He shall call meetings of the departmental staff for explanation and discus-

sion of policies, educational procedure, and research. The head shall be held responsible, however, for the organization of the work of the department, for the quality and efficient progress of that work, and for the formulation and execution of departmental policies, and the execution of university and college policies in so far as they affect the department. He shall report on the teaching and research of the department, have general oversight of the work of students in the department, prepare departmental budgets, and be responsible for the distribution and expenditure of departmental funds, and for the care of departmental property.

(d) In the administration of his office the head shall recognize the individual responsibility of other members of the department for the discharge of the duties committed to them by their appointments, and shall allow proper scope to the ability and initiative of all members of the department.

#### CHANGE OF DEPARTMENTAL ORGANIZATION

12. On the written request of at least one-fourth of the members of the department of the rank of assistant professor and above, and in no case fewer than two members, to change the form of the organization of the department, it shall be the duty of the dean to call a meeting to poll by ballot the members of the department of the ranks of assistant professor and above, and transmit the result of the vote to these members of the department and to the President together with his recommendation, and if a change of organization is advised, the President shall thereupon make a recommendation to the Board of Trustees.

#### THE DEAN OF MEN AND THE DEAN OF WOMEN

13. (a) The Dean of Men and the Dean of Women shall be appointed biennially by the Board of Trustees on the nomination of the President.

(b) The Dean of Men and the Dean of Women shall be general advisers for men and women students respectively. Their duties shall be advisory and not regulative. The functions they perform shall include personnel work, vocational direction, and guidance in problems involving intellectual, emotional, and social adjustments. They shall be empowered to summon students for consultation and advice. The Dean of Men and the Dean of Women shall be members of the Senate Committee on Student Organization and Activities.

#### THE REGISTRAR

14. (a) The Registrar shall be appointed by the Board of Trustees on the recommendation of the President.

(b) He shall conduct general correspondence with prospective students, pass upon the credentials of students entering the colleges and schools, supervise their entrance examinations, and have charge of their matriculation, registration, and their academic records.

#### RULES OF PROCEDURE

15. The usual rules of parliamentary procedure shall govern those divisions organized as deliberative bodies.

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

#### APPOINTMENT OF ROBERT B. BROWNE AS ASSISTANT TO THE DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(4) A report of the appointment of Mr. Robert B. Browne, Instructor in the College of Education, to the position of Assistant to the Dean of the College of Liberal Arts and Sciences on three-fourths time and as Instructor in Education on one-fourth time at a total salary of \$3,000 for ten months beginning September 1, 1931.

This report was received for record.

#### LEAVES OF ABSENCE FOR MEMBERS OF THE STAFF

(5) A report that leaves of absence on account of illness have been granted to the following members of the staff:

Mr. D. A. Albrecht, Instructor in Farm Mechanics, one month from September 8 with full pay. (His associates are carrying his work without additional expense to the University.)

Miss Lulu S. Black, Temporary County Home Adviser in Home Economics Extension, two months from September 1, 1931—one month with pay (fifteen days sick

leave and fifteen days to be deducted from her vacation for 1931-32) and one month without pay.

Mr. P. E. Henwood, Associate in Machine Design, until October first. (Members of his Department have been carrying on his work, but he expects to be able to return in October.)

On motion of Mr. Blair, this action was confirmed.

#### **LOCKER FEES IN CHICAGO DEPARTMENTS**

(6) A recommendation that a locker fee of fifty cents a semester be charged students in the College of Medicine and School of Pharmacy (as is done in the Urbana Departments for similar facilities), and a fee of one dollar a semester be charged students in the College of Dentistry, effective September 1, 1931.

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

#### **LABORATORY FEES IN HOME ECONOMICS**

(7) A recommendation that the laboratory fees in Home Economics 1 and Home Economics 6 be changed from \$5.50 to \$5.00 each.

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

#### **CHANGE IN FEE FOR MILITARY OVERCOATS**

(8) A recommendation that the present fee of one dollar for the use of military overcoats be discontinued and that the Commandant and the Comptroller be authorized to fix the charge from year to year to meet the expenses of cleaning, repairing, and replacing these overcoats.

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

#### **APPROPRIATION FOR UNIVERSITY BANDS**

(9) A recommendation that the appropriation made in the budget for expense and equipment for the University Bands be increased by \$150 to provide for traveling expense.

On motion of Mr. Trees, this appropriation was made from the Reserve and Contingent Fund by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barrett, Mr. Emmerson, Mrs. Evans, Mrs. Hopkins, Mr. Williams.

#### **AGREEMENT WITH CROP PROTECTION INSTITUTE**

(10) A recommendation that an agreement with the Crop Protection Institute for an investigation to determine the insecticidal and fungicidal effects of certain sulphur combinations to be carried out by the Agricultural Experiment Station, be approved. This agreement is drawn for a period of eleven months beginning October 1, 1931, with a provision that it may be extended for additional periods. The Institute agrees to pay \$3,000 for the expenses of this investigation, \$1,000 being payable on or before October 1, 1931, and the balance in installments of \$1,000 each, payable on January 1, 1932 and May 1, 1932.

On motion of Dr. Noble, this agreement was authorized.

#### **CHARGES FOR USE OF SKATING RINK**

(11) A request from the Athletic Association for authority to make the following charges for the use of the Skating Rink:

For students and members of the faculty, twenty-five cents for single periods, and one dollar for a series of eight periods.

For all others, a charge to be determined later but to be approximately double that charged students and members of the faculty, except that school children may be admitted on Saturday mornings for a small charge. Persons other than students and members of the faculty will be permitted to use the Skating Rink only when such use will not interfere with students and members of the faculty.

I recommend approval.

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

**INCOME FROM AUTOMOBILE SHOW**

(12) The automobile dealers of Champaign and Urbana were permitted the use of the west hall of the Memorial Stadium for an automobile show on March 19-21, 1931, with the understanding that they would pay all of the expenses involved and that any net income would be turned over to the University of Illinois Student Loan Fund. The Athletic Association has handled this matter for the University and has turned over the amount of \$144.50 representing the net income from the show. This has been deposited with the Comptroller to the credit of the Student Loan Fund.

This report was received for record.

**DENTAL BUILDING BONDS**

(13) The Comptroller calls attention to the fact that bonds outstanding against the old Dental Building in the amount of \$49,400 will become due on July 1, 1932. The original indebtedness was \$60,000, but from time to time we have been able to pick up and retire some of these bonds.

This report was received for record.

**KAISER MORTGAGE (TRUST FUNDS)**

(14) A report that Mr. Simon Kaiser has accepted the terms indicated by the Board of Trustees on July 27, 1931 (Minutes, page 402) for the renewal of a farm mortgage due September 1 (\$7,000 on eighty acres of land in Champaign County, at 6%) viz., that the principal be reduced by \$500 at this time, and has completed a renewal of the mortgage for three years for the balance of \$6,500 with interest at 6%.

This report was received for record.

**POPE MORTGAGE (TRUST FUNDS)**

(15) On June 27, 1931 (Minutes, page 402) the Board voted to renew the mortgage loan to B. W. Pope (\$5250 on 400 acres of land near Benton, Illinois, at 6%) due September 30, 1931, for three years, at 6% provided that \$500 is paid on the principal at the present time. Mr. Pope writes that it will be difficult for him to make a payment of \$500 at this time on account of heavy expenses he has incurred recently due to an automobile accident late in July. He offers a counter proposal that the mortgage be renewed for \$5,000 at 6% for two years, instead of three as previously requested.

On motion of Dr. Noble, this renewal was authorized under the terms proposed by Mr. Pope.

**PANHANDLE-ILLINOIS PIPE LINE COMPANY**

(16) At the June meeting of the Board (Minutes, page 378) the Panhandle-Illinois Pipe Line Company was given a license to cross the campus. The Company has recently informed the University that it has not availed itself of this license because it was able to acquire a private right-of-way west of the University property. In view of this I recommend that the license be canceled and that the Company be advised by the Secretary of the Board of Trustees of this action.

On motion of Mr. Armstrong, this license was canceled.

**EXTENSION OF LEASE ON NEVADA STREET  
PRESIDENT'S HOUSE**

(17) A report from the Supervising Architect that at the meeting of the Executive Committee of the Board of Trustees on August 25, 1931, President *Emeritus* David Kinley requested that his lease on the Nevada Street President's House be changed from September to December 1, 1931, or possibly January 1, 1932, to fit in with his plans for occupying it. At that time he was planning to go to Japan in the interests of the "A Century of Progress" Commission. Action on this was deferred by the committee until the September meeting of the Board. Since then the condition of Doctor Kinley's health has made it necessary for him to postpone his trip indefinitely and his plans at this time are uncertain.

On motion of Mr. Blair, the Board voted to extend the beginning of President *Emeritus* Kinley's lease until January 1, 1932, or such prior time as he may want to move in.

**REPORT OF ARTHUR YOUNG AND COMPANY**

(18) The following report of Arthur Young and Company, public accountants engaged to audit the accounts of the University, covering the audit for the quarter ended June 30, 1931. The reports of the Comptroller and Treasurer referred to therein have already been reported to the Board.

August 31, 1931

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRs,

We have audited the books of the University of Illinois for the quarter ended June 30, 1931, and submit the following brief summary of the work done and the result of the audit.

The cash receipts have been verified by checking all cash receipts' vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and those certified to the State Auditor have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of pay roll vouchers of non-appointees has been checked against the original time reports on file in the respective departments. Salaries paid to appointees have been checked against the Secretary's letters of appointment. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer at June 30, 1931, together with the securities of the University in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from the depository. We have also examined the securities deposited by the depository bank, protecting the University funds on deposit. These securities are in the joint control of the Treasurer and the Comptroller of the University. The amount of these securities, consisting of obligations of the United States Government, was \$790,800 at the time of our inspection, August 7, 1931, and \$747,000 at the time of our previous inspection, April 14, 1931.

Cash on hand was verified by actual count.

Physical inventories taken by the several stores departments near the close of the fiscal year have been re-calculated by us and adjusted to June 30, 1931, by taking into account receipts and issues from the date of the inventory to June 30. A liberal selection of items has been verified as to quantity by actual inspection of the material, and as to prices by comparison with purchase records. Physical inventories were from 1½% to 10% in excess of the respective control accounts. The control accounts are being adjusted from time to time to bring them into approximate agreement with physical inventories.

The departmental accounts of work in process have been examined and have been found to agree with the controlling account in the general ledger.

Disbursement vouchers representing 68% of additions to fixed assets made during the year have been examined and were found to cover proper capital expenditures.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the reports of the Registrar and the files of the various operating departments.

The accounts of the Chicago departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of April 8 and 27, May 14, and June 15 and 26, 1931, have been examined and all actions affecting the finances of the University, insofar as they had been consummated at the time of our audit, have been checked into the books of account. The records of previous meetings have likewise been examined with respect to relative transactions recorded in the books during the quarter under audit.

The records of the purchasing division have been inspected and a number of the larger purchase orders issued have been compared with relative bids and quotations. Contracts and bids on file of the Supervising Architect have been checked against reports made to the Board of Trustees as shown in the minutes of the meetings of the Board.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All income which the University should have received during the quarter ended June 30, 1931, has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at June 30, 1931, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The report of the Comptroller to the Board of Trustees as at June 30, 1931, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The financial report of the Comptroller to the Governor of the State of Illinois, for the period beginning July 1, 1929, and ending June 30, 1931, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,  
ARTHUR YOUNG & Co.

This report was received for record.

#### AUDIT OF ATHLETIC ASSOCIATION ACCOUNTS

(19) The following financial report and audit of the accounts of the Athletic Association for the year ended June 30, 1931:

September 15, 1931

*President H. W. Chase, 355 Administration*

DEAR PRESIDENT CHASE:

I transmit herewith the audit report and financial statements of the Athletic Association for the year ended June 30, 1931.

The by-laws of the Athletic Association provide that its accounts shall be audited by the Comptroller of the University. I have had the general audit for the past year made by Arthur Young and Company, auditors of the University accounts, with general assistance from this office. Their report is included herein. The audit of ticket sales referred to in their report was made by this office.

I concur in the report submitted by Arthur Young and Company and would add this additional comment concerning the statements of expenditures of the Association:

Expenditures of the Association as summarized in Schedule C have been made in general accord with actions of approval taken by the Board of Trustees as follows:  
July 23, 1930—budget for the year covered by this report. A statement of this budget and the actual expenditures under it is included in this report.

April 9, 1930—construction of tennis courts approved.

October 17, 1930—construction of skating rink approved.

December 9, 1930—construction of golf course approved.

January 9, 1931—construction of hand ball courts in Men's Gymnasium approved, the University paying part of the expense.

The above list of actions covers all expenditures for the year with the exception of the item "insurance—annuities, \$10,628.46." This expenditure was authorized by the Board of Directors of the Association, but was not included in the budget submitted to the Board of Trustees of the University, or in any supplementary proposal to the Board of Trustees.

Respectfully submitted,  
LLOYD MOREY  
Comptroller

August 31, 1931

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRs,

We have audited the books of the Athletic Association of the University of Illinois for the year ended June 30, 1931 and submit the following brief summary of the work done and the result of the audit.

The cash receipts have been verified by checking all cash receipts vouchers into the cash book. Receipts from sales of tickets and coupon books for home games have been checked against a schedule furnished us by the Business Office of the University,

showing accountability for tickets and coupon books sold. We have been asked to accept this schedule as correct without duplicating this part of the audit. The result of the check is as follows:

	<i>Amount to be accounted for</i>	<i>Actual Cash Income Amount</i>	<i>Over</i>	<i>Short</i>
Coupon Books.....	\$ 75 942 00	\$ 75 938 00		\$4 00
Football.....	196 337 50	196 521 50	\$184 00	
Basketball.....	2 982 00	2 988 60	6 60	
Baseball.....	1 344 25	1 344 25		
Swimming.....	17 00	17 00		
Relay Carnival.....	2 035 00	2 033 25		1 75
Track.....	687 00	687 00		
Wrestling.....	99 50	99 50		
Conference Fencing and Gym- nastics.....	15 50	15 50		
Interscholastic Circus.....	2 406 00	2 406 25	25	
	<u>\$281 865 75</u>	<u>\$282 050 85</u>	<u>\$190 85</u>	<u>\$5 75</u>

Total cash received, as shown by the books, has been promptly deposited at the bank. All checks paid by the bank during the year have been examined for authorized signatures and endorsements and have been checked into the cash book, and the supporting vouchers have been examined for authorization, object of expenditure and receipt of goods or services by the Association. The cash in bank has been confirmed to us by the depository, cash on hand has been verified by actual count. The footings of the cash book have been proved.

Accounts receivable and travel advances as shown by the financial statements of the Association have been checked against the underlying detail records and have been found to agree therewith. The advances to the Stadium Fund agree in amount with the corresponding liability shown on the books of the Stadium Fund, which we have audited. The inventory of awards has been re-calculated by us and has been found to agree with the amount shown in the books.

Additions to fixed assets made during the year have been verified by inspection of the relative purchase vouchers, all of which represent proper capital charges. As in previous years, depreciation has been written off the account of physical equipment and tools at the rate of 25 per cent of the balance as at the beginning of the year plus additions made during the year; a similar deduction has been made at the rate of 10 per cent from furniture and fixtures account. This results in a balance representing unamortized deferred charges rather than the cost or the present value of assets in existence. We have been informed that no physical inventory of fixed assets has been taken for several years, and we recommend that this be done and that the assets now on hand be set up on the books at cost, estimated depreciation being shown in a reserve.

Deferred charges to operation represent expenditures made during the year, the benefit of which will accrue to the fiscal year 1931-1932, such as a portion of relay carnival expense, football game publicity and tickets and a portion of training salaries.

The operating surplus of the Association at June 30, 1931 was \$310,835.79, as compared with \$324,012.89 at June 30, 1930, a decrease of \$13,177.10. The changes during the year are shown in Schedule B1. The excess of expenses over income for the year results from the following factors:

Gross Income from Operations.....	\$405 384 57
<i>Deduct:</i> Operating Expenses.....	<u>251 262 24</u>
Net Income from Operations.....	\$154 122 33
<i>Deduct:</i> Expenditures for buildings and other improvements erected on University Land.....	<u>163 073 47</u>
Excess of Expense over Income.....	<u>\$ 8 951 14</u>

The item "Forgery" represents a worthless check held at the close of the preceding year and now written off.

All journal vouchers have been examined as to content and authorization and have been checked into the general ledger.

Examination of the purchase records revealed that purchases are being made on a competitive basis as far as possible, taking into account the quality of the material purchased and its adaptability to the purpose for which it is intended. Due consideration is also given to the preferences of the Coaches for articles furnished by designated firms; in these cases, quotations are obtained before placing orders for the purpose of comparing prices quoted with the prices of similar goods in the market. Miscellaneous minor purchases are made directly from firms whom past experience has shown as giving better value and service than their competitors.

The minutes of the meetings of the Board of Directors have been examined with respect to all actions affecting the finances of the Association and the effect given them in the books of account.

We have examined the financial statements for the year ended June 30, 1931, prepared by the staff of the Association, and have checked them against the books and the budget and have found them to agree therewith.

We have also audited the accounts of Charles E. Bowen and Company covering concessions for the sale of candy, fruit, etc., in the stadium during football games. The cash on hand at June 30, 1931, has been confirmed to us by the depository. We submit the following summary of transactions during the year:

Cash in Bank, June 30, 1930.....		\$ 299 93
Receipts:		
Northwestern Game.....	\$1 347 49	
Iowa Game.....	810 52	
Butler Game.....	627 34	
Purdue Game.....	595 86	
Ohio Game.....	204 94	
Miscellaneous Sales.....	23 21	
		<u>3 609 36</u>
		\$3 909 29
Disbursements:		
Supplies purchased for Re-sale.....	\$1 685 47	
Wages.....	525 95	
Miscellaneous Expenses.....	511 61	
		<u>2 723 03</u>
Cash in Bank, June 30, 1931.....		<u>\$1 186 26</u>

As far as we have been able to ascertain by the audit as outlined above, it is our opinion that—

All income which the Association should have received during the year has been received and duly accounted for.

All expenditures have been made for Association purposes and have been properly authorized and correctly recorded in the books.

The assets of the Association as of June 30, 1931, as shown by the Balance Sheet, are correct in amount and have been duly verified.

The financial statements attached hereto agree with the books of the Association and present a correct account of its financial operations for the year ended June 30, 1931, and of its financial condition at the close of the year.

Yours faithfully,

ARTHUR YOUNG & Co.

SCHEDULE A  
UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION  
COMPARATIVE BALANCE SHEET  
JUNE 30, 1930 AND JUNE 30, 1931

ASSETS	June 30, 1930	June 30, 1931
<i>CURRENT:</i>		
Cash:		
Savings Account.....	\$270 000 00	\$275 075 00
Checking Account.....	18 915 16	3 388 64
Manager's Fund.....	3 000 00	3 000 00
Petty Cash.....	110 00	110 00
Refund Account.....	64 96 <sup>1</sup>	73 42
Total.....	(291 960 20)	(281 647 06)
Accounts Receivable.....	56 52	42 02
Guarantees Receivable.....	179 99	
Travel Advances.....	344 99	332 54
	<u>292 541 70</u>	<u>282 021 62</u>
ADVANCES TO STADIUM FUND.....	29 000 00	26 500 00
INVENTORIES		
Awards (Sweaters, Numerals, and Blankets).....		
	1 680 75	1 340 50
<i>FIXED:</i>		
Athletic Supplies and Equipment.....	14 779 64	14 779 64
Physical Equipment and Tools.....	15 649 09	12 969 64
Furniture and Fixtures.....	7 687 30	7 245 10
	<u>38 116 03</u>	<u>34 994 38</u>
DEFERRED CHARGES TO OPERATION.....	790 44	973 67
Total Assets.....	<u>362 128 92</u>	<u>345 830 17</u>
<i>SURPLUS</i>		
Operating.....	\$324 012 89	\$310 835 79
Invested in Fixed Assets.....	38 116 03	34 994 38
Total Surplus.....	<u>\$362 128 92</u>	<u>\$345 830 17</u>

<sup>1</sup>Credit balance.

SCHEDULE B<sub>1</sub>  
UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION  
STATEMENT OF OPERATING SURPLUS FOR THE  
YEAR ENDING JUNE 30, 1931

Balance, June 30, 1930.....		\$324 012 89
Add:		
Income from prior period.....		289 23
		<u>324 302 12</u>
Deduct:		
Deficit of Income over Expense for the year (See Schedule C).....	\$8 951 14	
Expenses of prior period.....	2 468 62	
New Equipment Purchased.....	2 006 57	
Forgery.....	40 00	13 466 33
Balance, June 30, 1931 (To Schedule A).....		<u>310 835 79</u>

SCHEDULE B<sub>2</sub>  
STATEMENT OF SURPLUS INVESTED IN FIXED ASSETS

Balance, June 30, 1930.....		38 116 03
Add:		
New Equipment Purchased.....		2 006 57
		<u>40 122 60</u>
Deduct:		
Depreciation of Fixed Assets:		
Furniture and Fixtures.....	805 01	
Physical Equipment and Tools.....	4 323 21	5 128 22
Balance, June 30, 1931 (See Schedule A).....		<u>34 994 38</u>

SCHEDULE C  
UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION  
INCOME AND EXPENSE STATEMENT FOR THE  
YEAR ENDING JUNE 30, 1931

SPORTS	<i>Income</i>	<i>Expense</i>	<i>Net Profit or Loss</i>
Baseball (See Schedule F).....	\$7 088 25	\$14 566 87	\$7 478 62*
Basketball (See Schedule F).....	23 672 60	12 953 37	10 719 23
Circus.....	2 406 25	4 448 57	2 042 32*
Football (See Schedule F).....	352 982 50	59 810 84	293 171 66
Golf.....		1 392 59	1 392 59*
Golf Memberships.....		1 747 00	1 747 00*
Golf Membership Transportation.....		884 00	884 00*
Gymnastics and Fencing.....	68 50	3 915 74	3 847 24*
Ice Skating.....		154 66	154 66*
Interscholastic.....		2 713 73	1 985 75*
Intramural.....	2 287 50	6 460 75	4 173 25*
Relay Carnival.....	2 033 25	3 340 74	1 307 49*
Soccer.....	125 00	2 680 64	2 554 64*
Swimming.....	283 00	3 128 14	2 845 14*
Tennis.....		1 476 35	1 476 35*
Track (See Schedule F).....	1 460 75	13 966 55	12 508 80*
Wrestling.....	1 236 50	4 968 68	3 732 18*
	(394 372 10)	(138 621 02)	(255 751 08)
<b>OTHER INCOME AND EXPENSE</b>			
Automobile Show.....	144 50		
Concessions.....	250 00		
Interest Earned.....	9 426 12		
Miscellaneous.....	706 19		
Rental of Athletic Equipment.....	300 00		
Soap and Lock Sales.....	158 66		
Usher Button Deposits.....	27 00		
Band Donation.....		500 00	
Coaches Bureau.....		1 828 22	
Coaching Course.....		300 00	
Compensation—G. C. Law.....		183 00	
Football—Ohio Team Banquet.....		264 20	
General Office.....		15 670 44	
Insurance.....		816 38	
Insurance—Annuities.....		10 628 46	
Maintenance—Stadium.....		15 860 29	
Maintenance—Other.....		14 493 71	
Maintenance—Minor Improvements.....		136 35	
Publicity and Advertising.....		15 524 52	
Research in Athletics.....		8 600 00	
Tennis Courts—Special Appropriation.....		124 00	
Tennis Courts Experiments.....		375 05	
Ticket Office.....		10 958 41	
Training—Sports.....		16 378 19	
Total Other Income and Expense.....	(11 012 47)	(112 641 22)	(101 628 75)*
Total Operating.....	405 384 57	251 262 24	154 122 33
<b>Deduct:</b>			
Golf Course.....		627 61	
Handball Courts.....		12 364 95	
Ice Skating Rink.....		114 680 95	
Stadium (Not including Maintenance) (See Schedule E).....		13 916 87	
Tennis Courts.....		21 483 09	163 073 47
Deficit of Income over Expense carried to surplus (See Schedule B1).....			<u>8 951 14</u>

\*Deficit.

SCHEDULE D  
UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION  
COMPARATIVE STATEMENT OF INCOME AND EXPENSE FOR THE  
YEARS ENDING JUNE 30, 1930 AND JUNE 30, 1931

INCOME	Year Ending June 30, 1930	Year Ending June 30, 1931
Net Income from Sports		
Basketball.....	\$ 12 606 29	\$10 719 23
Football.....	339 880 88	293 171 66
	<u>352 487 17</u>	<u>303 890 89</u>
Net Loss on Sports—Deduct		
Baseball.....	7 710 03	7 478 62
Circus.....	2 286 71	2 042 32
Golf.....	1 396 20	1 392 39
Golf Memberships.....	2 614 34	1 747 00
Golf Memberships Transportation.....		884 00
Gymnastics and Fencing.....	3 341 04	3 847 24
Ice Skating.....		154 66
Interscholastic.....	1 916 32	1 985 73
Intramural.....	4 586 08	4 173 25
Relay Carnival.....	1 281 88	1 307 49
Soccer.....	2 301 27	2 564 64
Swimming.....	3 429 41	2 845 14
Tennis.....	1 557 44	1 476 35
Track.....	17 501 57	12 508 80
Wrestling.....	5 673 62	3 732 18
Wrestling Tournament.....	450 65	
	<u>56 046 56</u>	<u>48 139 81</u>
Net Income from Sports.....	296 440 61	255 751 08
Other Income		
Automobile Show.....	300 00	144 50
Concessions.....	300 00	250 00
Interest Earned.....	8 924 79	9 426 12
Miscellaneous.....	104 53	706 19
Rental of Athletic Equipment.....	78 89	300 00
Soap and Lock Sales.....	263 46	158 66
Usher Button Deposits.....	47 00	27 00
	<u>10 018 67</u>	<u>11 012 47</u>
Total Net Income.....	306 459 28	266 763 55
Other Expenses—Deduct		
Band Donation.....	1 000 00	500 00
Cadet Dance.....	1 197 56	
Coaches Bureau.....	2 241 99	1 828 22
Coaching Course.....	11 70	300 00
Compensation—G. C. Law.....		183 00
Concessions.....	269 70	
Experiment Plot for Sod.....	63 42	
Football—Ohio Team Banquet.....		264 20
General Office.....	16 307 37	15 670 44
High School Basketball Tourney.....	197 66	
Insurance.....	847 39	816 38
Insurance—Annuities.....		10 628 46
Interest.....	77 80	
Maintenance.....	37 021 15	30 354 00
Maintenance—Minor Improvements.....		136 35
Mural Painting.....	700 00	
Publicity and Advertising.....	16 427 82	15 524 52
Research in Athletics.....	8 600 00	8 600 00
Sodding Football Field.....	736 68	
Spent Tan Bark Field.....	2 190 58	
Tennis Courts—Special Appropriation.....		124 00
Tennis Courts—Experiments.....		375 05
Ticket Office.....	12 433 36	10 958 41
Training—Sports.....	15 429 60	16 378 19
	<u>115 753 78</u>	<u>112 641 22</u>
Net Profit from Operations.....	190 705 50	154 122 33
Deduct:		
Golf Course.....		627 61
Handball Courts.....		12 364 95
Ice Skating Rink.....	10 681 22	114 680 95
Stadium.....	252 556 78	13 916 87
Tennis Courts.....	43 06	21 483 09
	<u>263 281 06</u>	<u>163 073 47</u>
Deficit of Income over Expense for the year.....	<u>72 575 56*</u>	<u>8 951 14*</u>

\*Deficit.

SCHEDULE E  
UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION  
ANALYSIS OF STADIUM EXPENSE<sup>1</sup> FOR THE  
YEAR ENDING JUNE 30, 1931

<i>MEMORIAL STADIUM EXPENSE OF PLEDGE COLLECTIONS</i>		
Reimbursement of Office Expense.....	155 49	
Salaries.....	<u>3 000 00</u>	3 155 49
<i>CONSTRUCTION AND IMPROVEMENTS</i>		
First Aid Rooms.....	249 75	
Minwax (Waterproofing).....	3 628 47	
New Pump and Installation.....	1 538 02	
Pointing Brick.....	951 34	
Sanitary Drain.....	<u>4 393 80</u>	10 761 38
Total (to Schedule C).....		<u>13 916 87</u>

<sup>1</sup>Not including maintenance.

Note: In addition to above, \$15,860.29 was spent for Maintenance of the Stadium.

SCHEDULE F  
DISTRIBUTION OF SPORTS INCOME BETWEEN  
GATE RECEIPTS AND GUARANTEES FOR THE  
YEAR ENDED JUNE 30, 1931

Baseball Income.....	\$7 163 25		
Add:			
Guarantees Received.....	<u>625 00</u>	\$7 788 25	
Less:			
Guarantees Paid.....		<u>700 00</u>	\$7 088 25
Basketball Income.....	23 790 60		
Add:			
Guarantees Received.....	<u>1 051 50</u>	24 842 10	
Less:			
Guarantees Paid.....		<u>1 169 50</u>	23 672 60
Football Income.....	242 854 50		
Add:			
Guarantees Received.....	<u>223 542 66</u>	466 397 16	
Less:			
Guarantees Paid.....		<u>113 414 66</u>	352 982 50
Track Income.....	1 292 00		
Add:			
Guarantees Received.....	<u>350 00</u>	1 642 00	
Less:			
Guarantees Paid.....		<u>181 25</u>	1 460 75

SCHEDULE G  
UNIVERSITY OF ILLINOIS ATHLETIC ASSOCIATION  
STATEMENT OF INCOME AND EXPENSE OF VARIOUS SPORTS  
FOR THE YEAR ENDED JUNE 30, 1931

	Baseball	Basketball	Football	Golf	Gymnastics and Fencing	Soccer	Swimming	Tennis	Track and Cross Country	Wrestling
<b>INCOME</b>										
Receipts from Games.....	\$1 269 25	\$2 870 60	\$306 649 50		\$15 50	\$125 00	\$17 00		\$221 75	\$99 50
Share of Coupon Book Sales.....	5 819 00	20 802 00	46 333 00		53 00		266 00		1 239 00	1 137 00
<b>Total Income.....</b>	<b>\$7 088 25</b>	<b>\$23 672 60</b>	<b>\$352 982 50</b>		<b>\$68 50</b>	<b>\$125 00</b>	<b>\$283 00</b>		<b>\$1 460 75</b>	<b>\$1 236 50</b>
<b>EXPENSES</b>										
Charged direct to Sports:										
Salaries.....	\$5 350 00	\$3 500 00	\$21 550 00	\$400 00	\$1 250 00	\$350 00	\$1 275 00	\$400 00	\$6 650 00	\$2 700 00
Athletic Supplies.....	2 544 51	1 389 12	10 883 21	124 53	553 00	240 40	321 76	164 40	1 278 16	324 76
Game Expense.....	1 441 31	3 757 32	11 517 76	68 50	754 30	37 61	176 72		512 95	373 77
Laundry.....	217 73	261 15	1 719 22		77 68	65 40	13 75		171 25	217 53
Travel.....	4 468 50	3 024 52	12 569 00	658 70	842 57	1 415 23	962 72	699 75	4 443 50	980 41
Telephone and Telegraph.....	75 99	23 01	102 40				2 51		37 14	13 71
Awards.....	468 83	414 45	1 310 00	135 21	432 45	381 00	375 68	204 75	850 95	358 50
Miscellaneous.....		5 85	159 25	5 45	4 84			7 45	25 60	
Vacation Training.....		395 60								
Frosh Banquet.....		28 75								
Buffet Supper.....		153 60								
	(14 566 87)	(12 953 37)	(59 810 84)	(1 392 39)	(3 915 74)	(2 689 64)	(3 128 14)	(1 476 35)	(13 969 55)	(4 968 68)
Share of following expenses not charged direct to Sports:										
Maintenance.....	831 96	724 81	6 282 76	169 11	1 49	57 30	63 12	810 07	834 85	187 55
Publicity and Advertising.....	452 58	733 95	13 689 03	29 26	42 05	23 93	103 53	21 80	311 71	116 68
Ticket Office.....	200 76	670 46	9 997 30		1 94	3 54	8 02		41 37	35 02
Training.....	915 54	1 010 08	10 879 02		103 15	262 25	64 71	(831 87)	2 382 59	760 85
	(2 400 84)	(3 139 30)	(40 848 11)	(198 37)	(148 63)	(347 05)	(239 38)		(3 570 52)	(1 100 10)
	\$16 967 71	\$16 092 67	\$100 658 95	\$1 590 76	\$4 064 37	\$3 916 66	\$3 357 52	\$2 308 22	\$17 540 07	\$6 068 78

**BUDGET STATEMENT**  
*Baseball Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$5 350 00	\$5 350 00	
Athletic Supplies.....	2 100 00	2 544 51	\$444 51 <sup>1</sup>
Game Expense.....	1 400 00	1 441 31	41 31 <sup>1</sup>
Laundry.....	300 00	217 73	82 27
Travel.....	6 000 00	4 468 50	1 531 50
Telephone and Telegraph.....	60 00	75 99	15 99 <sup>1</sup>
Awards.....	500 00	468 83	31 17
Miscellaneous.....	100 00		100 00
<i>Total</i> .....	<u>\$15 810 00</u>	<u>\$14 566 87</u>	<u>\$1 243 13</u>

*Basketball Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$3 500 00	\$3 500 00	
Athletic Supplies.....	1 372 00	1 389 12	\$ 17 12 <sup>1</sup>
Game Expense.....	4 500 00	3 757 34	742 68
Laundry.....	200 00	261 15	61 15 <sup>1</sup>
Team Travel.....	3 455 00	2 767 20	687 80
Scout Travel.....	600 00	257 32	342 68
Telephone.....	40 00	23 01	16 99
Vacation Training.....	600 00	395 60	204 40
Awards.....	420 25	414 45	5 80
Miscellaneous.....	100 00	5 85	94 15
Freshman Banquet.....	75 00	28 75	46 25
Buffet Supper.....	175 00	153 60	21 40
<i>Total</i> .....	<u>\$15 037 25</u>	<u>\$12 953 37</u>	<u>\$2 083 88</u>

*Circus Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$1 000 00	\$1 000 00	
Athletic Supplies.....	400 00	492 85	\$ 92 85 <sup>1</sup>
Travel.....	50 00	38 32	11 68
Stationery and Office Supplies.....	40 00		40 00
Postage.....	20 00	5 60	14 40
Costumes.....	250 00	35 85	214 15
Game Expense.....	1 500 00	643 54	856 46
Awards.....	400 00	299 08	100 92
Tickets.....	140 00	123 00	17 00
Ticket Office.....	100 00		100 00
Miscellaneous.....	100 00		100 00
Fireworks.....	800 00	793 00	7 00
Physical Equipment.....	750 00		750 00
Publicity and Printing.....	400 00	307 45	92 55
Maintenance.....	200 00	682 68	482 68 <sup>1</sup>
Training.....	30 00	27 20	2 80
<i>Total</i> .....	<u>\$6 180 00</u>	<u>\$4 448 57</u>	<u>\$1 731 43</u>

*Coaches Bureau Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$1 020 00	\$1 020 00	
Printing.....	350 00	403 43	\$53 43 <sup>1</sup>
Postage.....	200 00	185 79	14 21
Telephone.....	25 00	22 89	2 11
Wages.....	250 00	132 32	117 68
Miscellaneous.....	25 00		25 00
Stationery and Office Supplies.....	200 00	63 79	136 21
<i>Total</i> .....	<u>\$2 070 00</u>	<u>\$1 828 22</u>	<u>\$241 78</u>

*Coaching Course Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$300 00	\$300 00	
<i>Total</i> .....	<u>\$300 00</u>	<u>\$300 00</u>	

*Cross Country Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$900 00	\$900 00	
Athletic Supplies.....	240 00	70 81	\$169 19
Laundry.....	10 00	1 96	8 04
Travel.....	770 00	363 07	406 93
Awards.....	180 00	203 50	23 50 <sup>1</sup>
Telephone.....	10 00		10 00
<i>Total</i> .....	<u>\$2 110 00</u>	<u>\$1 539 34</u>	<u>\$570 66</u>

<sup>1</sup>Overdraft.

*Football Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$21 550 00	\$21 550 00	
Athletic Supplies.....	11 000 00	10 883 21	\$116 79
Game Expense.....	14 000 00	11 517 76	2 482 24
Laundry.....	1 500 00	1 719 22	219 22 <sup>1</sup>
Scout Travel.....	2 000 00	1 576 44	423 56
Team Travel.....	11 756 00	10 992 56	763 44
Telephone.....	100 00	102 40	2 40 <sup>1</sup>
Awards.....	1 414 00	1 310 00	104 00
Miscellaneous.....	500 00	159 25	340 75
<i>Total</i> .....	<u>\$63 820 00</u>	<u>\$59 810 84</u>	<u>\$4 009 16</u>

*General Office Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$9 880 00	\$9 879 99	\$ 01
Office Supplies.....	750 00	412 31	337 69
Postage.....	300 00	85 38	214 62
Telephone.....	1 200 00	921 02	278 98
Travel.....	750 00	281 68	468 32
Commissioner of Athletics.....	3 000 00	2 239 50	760 50
National Dues.....	75 00	45 00	30 00
Miscellaneous.....	500 00	355 66	144 34
Wages.....	1 600 00	1 092 02	507 98
Research and Experimentation.....	300 00	134 34	165 66
"I" Certificates.....		223 54	223 54 <sup>1</sup>
<i>Total</i> .....	<u>\$18 355 00</u>	<u>\$15 670 44</u>	<u>\$2 684 56</u>

*Golf Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$400 00	\$400 00	
Athletic Supplies.....	125 00	124 53	\$ 47
Game Expense.....	100 00	68 50	31 50
Travel.....	800 00	658 70	141 30
Awards.....	200 00	135 21	64 79
Miscellaneous.....	25 00	5 45	19 55
<i>Total</i> .....	<u>\$1 650 00</u>	<u>\$1 392 39</u>	<u>\$257 61</u>

*Gymnastics and Fencing Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$1 250 00	\$1 250 00	
Athletic Supplies.....	328 35	553 90	\$225 55 <sup>1</sup>
Game Expense.....	690 00	754 30	64 30 <sup>1</sup>
Laundry.....	30 00	77 68	47 68 <sup>1</sup>
Travel.....	2 510 00	842 57	1 667 43
Awards.....	571 25	432 45	138 80
National Dues.....	10 00		10 00
Miscellaneous.....	50 00	4 84	45 16
<i>Total</i> .....	<u>\$5 439 60</u>	<u>\$3 915 74</u>	<u>\$1 523 86</u>

*Insurance Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Fire.....	\$300 00	\$220 75	\$79 25
Property Damage.....	60 00	51 21	8 79
Public Liability.....	100 00	70 61	29 39
Robbery.....	400 00	40 34	359 66
Bonds.....	100 00	86 50	13 50
Theft.....	40 00	4 75	35 25
Miscellaneous—Collision.....	150 00	16 80	133 20
Compensation.....	300 00	324 47	24 47 <sup>1</sup>
Wind and Tornado.....	100 00	95	95 05
<i>Total</i> .....	<u>\$1 550 00</u>	<u>\$816 38</u>	<u>\$733 62</u>

*Interscholastic Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Supplies and Equipment.....	\$90 00	\$58 80	\$31 20
Game Expense.....	500 00	631 03	131 03 <sup>1</sup>
Awards.....	750 00	427 65	322 35
Miscellaneous.....	60 00	10 31	49 69
Maintenance.....	150 00	53 80	96 20
Programs.....	100 00	511 03	88 97
Pow Wow.....	1 200 00	921 11	278 89
Rental of Golf Course.....	100 00	100 00	
<i>Total</i> .....	<u>\$3 450 00</u>	<u>\$2 713 73</u>	<u>\$736 27</u>

<sup>1</sup>Overdraft.

*Intramural Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$1 675 00	\$1 675 00	
Athletic Supplies.....	700 00	528 01	\$171 99
Miscellaneous.....	155 00	152 70	2 30
Awards.....	2 705 25	2 930 04	234 79 <sup>1</sup>
Travel.....	100 00	28 34	71 66
Printing and Signs.....	195 50	26 00	169 50
Game Expense.....	50 00		50 00
Wages.....	300 00	356 25	56 25 <sup>1</sup>
Maintenance.....	500 00	355 51	144 49
Chicago Game.....	80 00	72 96	7 04
Athletic Equipment			
Nets.....		173 94	173 94 <sup>1</sup>
Mats.....		162 00	162 00 <sup>1</sup>
<i>Total</i> .....	<u>\$6 460 75</u>	<u>\$6 460 75</u>	

*Maintenance Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$2 000 00	\$2 000 00	
Maintenance			
Stadium.....	15 000 00	15 860 29	\$860 29 <sup>1</sup>
Football.....	3 139 00	4 835 38	1 696 38 <sup>1</sup>
Baseball.....	1 000 00	640 30	359 70
Track.....	1 500 00	642 52	857 48
Illinois Field.....	3 500 00	2 836 10	663 90
New Gymnasium.....	500 00	96 07	403 93
Basketball.....	500 00	557 83	57 83 <sup>1</sup>
Old Gymnasium.....	500 00	131 78	368 22
Swimming.....	50 00	48 58	1 42
Tennis.....	300 00	623 45	323 45 <sup>1</sup>
Gymnastics and Fencing.....	25 00	1 15	23 85
Wrestling.....	50 00	144 34	94 34 <sup>1</sup>
Physical Equipment.....	1 500 00	711 21	788 79
Golf.....	20 00	130 15	110 15 <sup>1</sup>
Ticket Office.....	70 00	12 60	57 40
General Office.....	100 00	35 50	64 50
Training Room.....	200 00	278 40	78 40 <sup>1</sup>
Coaching Course.....	50 00	202 80	152 80 <sup>1</sup>
Auto.....	200 00	517 24	317 24 <sup>1</sup>
Publicity.....	100 00	4 21	95 79
Soccer.....	50 00	44 10	5 90
<i>Total</i> .....	<u>\$30 354 00</u>	<u>\$30 354 00</u>	

*Publicity and Advertising Expense*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$6 400 00	\$6 400 00	
Publicity and Advertising			
Football.....	7 000 00	5 777 98	\$1 222 02
Basketball.....	450 00	309 79	140 21
Baseball.....	300 00	191 03	108 97
Track.....	200 00	131 57	68 43
Swimming.....	50 00	43 70	6 30
Wrestling.....	100 00	49 25	50 75
Gymnastics and Fencing.....	25 00	17 75	7 25
Golf.....		12 35	12 35 <sup>1</sup>
Tennis.....		9 20	9 20 <sup>1</sup>
General.....	600 00	595 12	4 88
Soccer.....	25 00	10 10	14 90
Office Supplies.....	400 00	240 88	159 12
Travel.....	200 00	204 44	4 44 <sup>1</sup>
Telephone.....	50 00	9 66	40 34
Subscriptions to Publications.....	150 00	117 37	32 63
Wages.....	800 00	406 35	393 65
Postage.....	500 00	294 91	205 09
News Service Postage.....	1 000 00	392 21	607 79
News Service Printing.....	300 00	310 86	10 86 <sup>1</sup>
<i>Total</i> .....	<u>\$18 550 00</u>	<u>\$15 524 52</u>	<u>\$3 025 48</u>

<sup>1</sup>Overdraft.

*Relay Carnival Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$100 00	\$100 00	
Supplies and Equipment.....	200 00	94 04	\$105 96
Game Expense.....	800 00	862 95	62 95 <sup>1</sup>
Awards.....	1 300 00	905 40	394 60
Postage.....	100 00	65 12	34 88
Maintenance.....	300 00	318 37	18 37 <sup>1</sup>
Tickets.....	60 00	43 25	16 75
Printing and Publicity.....	400 00	540 34	140 34 <sup>1</sup>
Programs.....	400 00	388 82	11 18
Training.....	75 00	22 45	52 55
Travel.....	100 00		100 00
Office Supplies.....	50 00		50 00
<i>Total</i> .....	<u>\$3 885 00</u>	<u>\$3 340 74</u>	<u>\$544 26</u>

*Research in Athletics Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$6 050 00	\$6 050 00	
Office Supplies.....	2 550 00	2 550 00	
<i>Total</i> .....	<u>\$8 600 00</u>	<u>\$8 600 00</u>	

*Soccer Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$550 00	\$550 00	
Athletic Supplies.....	410 05	240 40	\$169 65
Travel.....	1 120 00	1 415 23	295 23 <sup>1</sup>
Laundry.....	75 00	65 40	9 60
Game Expense.....	75 00	37 61	37 39
Awards.....	425 00	381 00	44 00
Miscellaneous.....	50 00		50 00
<i>Total</i> .....	<u>\$2 705 05</u>	<u>\$2 689 64</u>	<u>\$15 41</u>

*Stadium Collection Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$3 000 00	\$3 000 00	
Office Expense.....	800 00	155 49	\$644 51
<i>Total</i> .....	<u>\$3 800 00</u>	<u>\$3 155 49</u>	<u>\$644 51</u>

*Swimming Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$1 275 00	\$1 275 00	
Athletic Supplies.....	405 00	321 76	\$83 24
Game Expense.....	190 00	176 72	13 28
Laundry.....	50 00	13 75	36 25
Travel.....	2 375 00	962 72	1 412 28
Telephone.....	15 00	2 51	12 49
Awards.....	519 00	375 68	143 32
Miscellaneous.....	50 00		50 00
<i>Total</i> .....	<u>\$4 879 00</u>	<u>\$3 128 14</u>	<u>\$1 750 86</u>

*Tennis Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$400 00	\$400 00	
Athletic Supplies.....	360 00	164 40	\$195 60
Game Expense.....	25 00		25 00
Travel.....	1 000 00	699 75	300 25
Awards.....	243 00	204 75	38 25
Miscellaneous.....	25 00	7 45	17 55
<i>Total</i> .....	<u>\$2 053 00</u>	<u>\$1 476 35</u>	<u>\$576 65</u>

<sup>1</sup>Overdraft.

*Ticket Office Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
	\$2 200 00	\$2 200 01	\$ 011
Salaries.....			
Football:			
Tickets.....	1 000 00	720 15	279 85
Wages.....	5 000 00	3 626 77	1 373 23
Office Supplies.....	400 00	263 45	136 55
Postage.....	1 500 00	860 47	639 53
Telephone.....	150 00	114 03	35 97
Printing.....	2 000 00	1 219 71	780 29
Travel.....	300 00	205 28	94 72
Basketball:			
Tickets.....	275 00	188 60	86 40
Wages.....	700 00	383 20	316 80
Printing.....	25 00	35 92	10 92 <sup>1</sup>
Other Sports:			
Tickets.....	200 00	16 45	183 55
Wages.....	600 00	615 30	15 30 <sup>1</sup>
Printing.....	50 00		50 00
Office Supplies.....	100 00	25 63	74 37
Coupon Books.....	600 00	351 00	249 00
Postage.....	25 00	3 38	21 62
Telephone.....	75 00	81 06	6 06 <sup>1</sup>
Printing and Signs.....	50 00	48 00	2 00
Travel.....	150 00		150 00
<i>Total</i> .....	<u>\$15 400 00</u>	<u>\$10 958 41</u>	<u>\$4 441 59</u>

*Track Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$5 750 00	\$5 750 00	
Athletic Supplies.....	1 847 65	1 226 48	\$621 17
Game Expense.....	500 00	493 82	6 18
Laundry.....	250 00	169 29	80 71
Travel.....	6 380 00	4 080 43	2 299 57
Telephone.....	40 00	37 14	2 86
Awards.....	850 00	647 45	202 55
Miscellaneous.....	100 00	25 60	74 40
<i>Total</i> .....	<u>\$15 717 65</u>	<u>\$12 430 21</u>	<u>\$3 287 44</u>

*Training Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
	\$5 500 00	\$5 500 00	
Salaries.....			
Training Room:			
Football.....	3 500 00	3 746 01	\$246 01 <sup>1</sup>
Baseball.....	300 00	210 73	89 27
Basketball.....	500 00	234 94	265 06
Track.....	800 00	722 97	77 03
Swimming.....	75 00	17 00	58 00
Wrestling.....	350 00	175 00	175 00
Gymnastics and Fencing.....	50 00	16 20	33 80
Soccer.....	100 00	42 50	57 50
Hospital and Medics:			
Football.....	3 500 00	1 231 99	2 268 01
Baseball.....	300 00	208 20	91 80
Basketball.....	500 00	227 25	272 75
Track.....	300 00	332 10	32 10 <sup>1</sup>
Swimming.....	150 00	12 61	137 39
Wrestling.....	400 00	173 15	226 85
Gymnastics and Fencing.....	50 00	31 00	19 00
Cross Country.....	25 00	35 15	10 15 <sup>1</sup>
Soccer.....	200 00	77 50	122 50
Laundry.....	175 00	233 13	58 13 <sup>1</sup>
Equipment.....	150 00		150 00
Supplies.....	3 000 00	3 150 76	150 76 <sup>1</sup>
<i>Total</i> .....	<u>\$19 925 00</u>	<u>\$16 378 19</u>	<u>\$3 546 81</u>

*Wrestling Expense, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Salaries.....	\$2 700 00	\$2 700 00	
Athletic Supplies.....	285 00	324 76	\$39 76 <sup>1</sup>
Game Expense.....	400 00	373 77	26 23
Laundry.....	200 00	217 53	17 53 <sup>1</sup>
Travel.....	1 450 00	980 41	469 59
Telephone.....	15 00	13 71	1 29
Awards.....	440 00	358 50	81 50
Miscellaneous.....	25 00		25 00
<i>Total</i> .....	<u>\$5 515 00</u>	<u>\$4 968 68</u>	<u>\$546 32</u>

1Overdraft.

*Other Operations, June 30, 1931*

	<i>Budget</i>	<i>Expended</i>	<i>Balance</i>
Minwaxing.....	\$5 300 00	\$3 628 47	\$1 671 53
Golf Memberships.....	4 000 00	2 631 00	1 369 00
Pump and installation at Stadium.....	1 000 00	1 538 02	538 02 <sup>1</sup>
Fourth Iron Fireman (Automatic Stoker).....	400 00		400 00
Donation to Band.....	500 00	500 00	
Repointing Brick and Stonework at Stadium.....	2 000 00	951 34	1 048 66
<i>Total</i> .....	<u>\$13 200 00</u>	<u>\$9 248 83</u>	<u>\$3 951 17</u>

<sup>1</sup>Overdraft.

This report was received for record.

#### CONTRACTS SIGNED FOR THE SECRETARY OF THE BOARD

(20) A report that in order to avoid delay in the execution of contracts which were authorized by the Board or the Executive Committee the Bursar of the University was authorized to sign the name of the Secretary of the Board to these contracts in the latter's absence during September, 1931. A list of these contracts has been filed with the Secretary for record.

On motion of Mrs. Grigsby, this action was confirmed.

At this point President Barr requested Mrs. Grigsby to take the chair.

#### REPORT OF PURCHASES

(21) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

Equipment and supplies for the laboratory in the Creamery from A. Daigger and Company, whose quotation was the lowest, at a price of \$2,280.00, to be charged to the Dairy Creamery Surplus Special Equipment Fund of the Department of Dairy Husbandry.

Pipe and materials for extending steam lines to the Skating Rink from Field and Shorb, whose quotation was the lowest, at a price of \$1,836.26, to be paid by the Athletic Association.

Pyrex laboratory glassware for the General Chemical Stores from E. H. Sargent and Company at approximately \$3,300.00, to be paid out of the Revolving Stores Account.

Two General Electric refrigerators, 60 cu. ft. capacity, from the Illinois Power and Light Corporation at a price of \$1,092.25 each—one for the McKinley Hospital payable out of the Hospital funds, and one for the Department of Home Economics, payable out of the Cafeteria Revolving Fund.

Air conditioning equipment for steer feeding stalls for Animal Husbandry from the Carrier Engineering Company at a price of \$3,900 f.o.b. factory, to be paid out of Animal Nutrition Station funds.

One generator with starters for use in the rails investigation in the Department of Theoretical and Applied Mechanics from Chandeysson Electric Company at a price of \$1,372.50, to be paid from the funds supplied for this investigation.

Five hundred tons of wheat straw (baled) for the Departments of Dairy Husbandry and Animal Husbandry at a price of \$4.75 and \$4.85 per ton. The two lowest quotations were received from Grover Craven (\$4.75) and Elmer Dod (\$4.85), neither of whom was able to fill the entire order. Consequently the order was divided between the two. The total cost was \$2,208.75 (\$1,187.50 to Mr. Craven and \$1,021.25 to Mr. Dod).

Twenty-five hundred bushels of hard wheat for Animal Husbandry from Reifstack and Mattis at a cost of \$1,025.00, delivered, to be paid from the Feed Storage Revolving Account.

Twenty-eight hundred and seventy bushels of yellow shelled corn for the Department of Animal Husbandry from Reifstack and Mattis at a cost of \$1,257.38, delivered, to be paid from the Feed Storage Revolving Account.

One Dexter swing-back Automatic Feeding Machine for attachment to No. 4 three-roller Miehle Cylinder Press for Print Shop from the Dexter Folder Company at a cost of \$2,150.00, f.o.b. Pearl River, New York (original cost \$2,400 less \$250 allowed for old machine), to be charged to the Special Equipment Fund of the University Press.

One Freas Compartment Incubator equipped with refrigerating machine for the Department of Bacteriology from E. H. Sargent and Company at a cost of \$2,200, f.o.b. Irvington, New York, payable out of the Special Equipment Fund of the Department of Bacteriology:

One car of Grade B & better northern soft cork white pine for stock to be used in maintenance work from the White Pine Lumber Company, whose quotation was the lowest, at a cost of \$2,115.00, f.o.b. Urbana, payable out of the Physical Plant Store Revolving Fund.

One 18-flask electrically heated Kjeldahl distillation and digestion apparatus from the Laboratory Construction Company of Kansas City at a cost of \$1,212.50, f.o.b. Kansas City, payable out of the Physical Plant Extension Special Equipment Fund.

Five hundred dozen gymnasium towels for the Department of Physical Education for Men from Marshall Field and Company, whose quotation was the lowest, at a cost of \$1,225.00 f.o.b. Urbana.

Metal melting equipment for Intertype and Monotype casting machines for Print Shop from Monomelt Company, Minneapolis, at a cost of \$1,516.00 f.o.b. Minneapolis (original cost \$1,637.00 less \$121.00 allowed for present equipment), to be charged to the Special Equipment Fund of the University Press.

Sixty thousand pound Southwark-Emery Universal Testing Machine for the Department of Theoretical and Applied Mechanics from the Baldwin-Southwark Corporation, Philadelphia, at a cost of \$3,217.00 f.o.b. Eddystone, Pennsylvania.

One 21-foot Grazing Incidence Vacuum Spectrograph for the Department of Physics from the Mann Instrument Company at a cost not to exceed \$2,800.00.

This report was received for record.

At this point Mr. Barr returned to the chair.

#### COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(22) The following report from the Comptroller of contracts and purchase orders executed since the last report:

#### CONTRACTS EXECUTED BY THE COMPTROLLER JUNE 9, 1931, TO SEPTEMBER 24, 1931

Renewal of contract authorized by the Board of Trustees in meeting of July 23, 1930 (Minutes, page 3):

Name	Amount to be paid by the University	Date	Purpose
United Military Stores	Prices as listed in contract	July 1, 1931	Purchase of R. O. T. C. uniforms for 1931-32

Renewal of contract reported to Board of Trustees in meeting of December 11, 1928 (Minutes, page 94):

Name	Amount to be paid by the University	Date	Purpose
American Can Company	Prices based on tin plate market with provisions for readjustment with market, and reduction in prices for deliveries made between October 15 of each year and the following March 31	July 3, 1931	Purchase of all sanitary tin cans from January 1, 1931 to December 31, 1933, from this Company

Contract executed under authorization of the Provost:

Name	Amount to be paid by the University	Date	Purpose
Harry and Arthur Culbertson	\$500	July 27, 1931	Secure services of Liege String Quartet for two concerts and Beethoven Trio for one concert

## Minor contracts executed under general regulations of the Board of Trustees:

Name	Amount to be paid by the University	Date	Purpose
O. L. Kern	\$457	July 20, 1931	Remodeling the plumbing and heating in the DeWitt house, 1207 West Springfield Avenue, Urbana
Champaign Plumbing & Heating Company	950	July 20, 1931	Remodeling the plumbing and heating in McKinley Hospital
Reliable Plumbing & Heating Company	207	July 20, 1931	Remodeling the plumbing and heating in the Barto house
City of Champaign	\$42 per annum	August 18, 1931	Fire alarm system which rings simultaneously with cities of Champaign and Urbana and the Water Company

## Leases executed under general regulations:

Leased to	Property	Rental	Date	Tenure
Chicago Medical Book Company	West storeroom at 1758 West Polk Street, Chicago	\$50 per month	June 5, 1931	July 1, 1931 to June 30, 1933
George Toms	East storeroom at 1758 West Polk Street, Chicago	\$30 per month	July 16, 1931	September 1, 1931 to August 31, 1933
C. A. Wilson <sup>1</sup>	Residence at 806 South Sixth Street, Champaign	\$70 per month	June 30, 1931	July 1, 1931 to June 30, 1932
Peter Scholl <sup>2</sup>	Residence at 1207 West Stoughton Street, Urbana	\$45 per month	June 20, 1931	Twelve months from August 15, 1931
E. C. Moore <sup>3</sup>	Sherwood house (South of Military Barns)	\$20 per month	September 10, 1931	One year from November 1, 1931
Leased from American Can Company <sup>4</sup>	One can closing machine	\$15 per month	July 28, 1931	December 31, 1931 to December 31, 1933
Standard Cap and Seal Corporation	One wire sealing machine for milk bottles	\$5 per month	September 3, 1931	One year from date

<sup>1</sup>Renewal of lease reported to the Board of Trustees, July 23, 1930, Minutes, page 47.<sup>2</sup>Renewal of lease reported to the Board of Trustees, September 17, 1930, Minutes, page 70.<sup>3</sup>Renewal of lease reported to the Board of Trustees, October 17, 1930, Minutes, page 99.<sup>4</sup>Renewal of lease reported to the Board of Trustees, January 9, 1929, Minutes, page 120.

This report was received for record.

## GIFTS TO THE UNIVERSITY

(23) The following report of gifts received by the University since the last report:

1. From the Standard Brands, Incorporated, a grant of \$3,500 for continuation of the research work on the effect of yeast on the digestive tract, during the year 1931-1932.
2. From the M & R Dietetic Laboratories, Incorporated, the sum of \$2,500 to cover the expenses of a nutritional research investigation of fluid milk with a modified mineral content.
3. From the Chemical Foundation of New York City, the sum of \$2,000 for research work in connection with sewage treatment during the year 1931-1932.
4. From the Radiological Research Institute of Syracuse, New York, the sum of \$1,500 for a five-months' extension of two graduate assistantships in chemistry which were established by this company last year.
5. From F. C. Huyck and Sons of Albany, New York, the sum of \$1,200 for the renewal of the Frank J. McGovern Fellowship in Chemistry.
6. From the Monsanto Chemical Works of St. Louis, the sum of \$1,000 for the renewal of the research assistantships which that company established in chemistry for research in high-pressure gas reactions for the year 1931-1932.
7. From the Certified Milk Producers Association of America the sum of \$1,000 for continuation of the study of *Streptococcus epidemicus*.

8. From the Illinois State Electric Association the sum of \$665 for the Short Course for Electric Metermen offered by the Department of Electrical Engineering.

9. From the National Research Council the sum of \$500 for continuation of the study of amino acids. This is in addition to the original gift of \$1,500.

10. From the Chicago Illinae Club the sum of \$50 as an additional contribution to the Chicago Illinae Club Loan Fund. The original gift was \$200 and this addition increases the fund to \$250.

11. From Dr. George E. Mylonas, who came here from Greece this year to be on the faculty, several pieces of pottery which he discovered in the investigations which he has been conducting in Greece for the last two years. These specimens illustrate the development of Greek vase painting from approximately 3,000 to 700 B.C. They will be placed in the Museum of Classical Art and Archeology.

This report was received for record.

#### BEQUEST OF HARRY J. DIFFENBAUGH OF KANSAS CITY

(24) The Will of the late Harry J. Duffenbaugh of Kansas City, a former student of the Class of 1882, recently deceased, establishes a trust fund, the income from which is to be loaned to worthy and needy students who are residents of the State of Missouri attending the University of Illinois. The trust is to be administered by Messrs. Edgar O. Bragg and Thad B. Landon, and the New England National Bank and Trust Company in Kansas City. Under the law of Missouri the estate will be in process of administration for at least one year to give heirs-at-law entitled to do so opportunity to bring suit contesting the Will if they wish, and there will be no income from this source this year at any rate. This is a residuary bequest and the attorneys for the estate have not indicated the amount. A copy of the Will is submitted to the Secretary, herewith, for filing.

This was received for record.

#### APPOINTMENTS TO E. A. WALLACE MEMORIAL SCHOLARSHIPS

(25) A report that the Board of Education of Havana, Illinois, has appointed Messrs. Dale Huff and J. A. C. Schulte to be the beneficiaries of the E. A. Wallace Memorial Scholarship for the year 1931-1932.

This report was received for record.

#### REGISTRAR'S REPORT OF FEES

(26) The following report from the Registrar of fees assessed during the Summer Session of 1931:

#### REGISTRAR'S REPORT OF FEES ASSESSED SUMMER SESSION, 1931 URBANA

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 2 220 00	\$ 120 00	\$ 2 100 00
Incidental Fees.....	43 841 00	3 008 00	40 833 00
Tuition Fees.....	160 50	15 00	145 50
Visitor's Fees.....	119 25	15 00	104 25
Transcript of Credits Fees.....	272 50		272 50
Change Fees.....	141 00	3 00	138 00
Special Examination Fees.....	350 00		350 00
Diploma Fees.....	1 490 00	10 00	1 480 00
<i>Total, General Fees</i> .....	<i>\$48 594 25</i>	<i>\$3 171 00</i>	<i>\$45 423 25</i>
Laboratory Fees			
Animal Husbandry.....	\$ 5 00		\$ 5 00
Bacteriology.....	284 00	\$ 7 00	277 00
Botany.....	122 00	30 00	92 00
Chemistry.....	2 830 00	253 25	2 576 75
Farm Mechanics.....	10 00	2 00	8 00
French.....	3 00		3 00
Journalism.....	39 00		39 00
Law.....	12 50		12 50
Music.....	356 00	12 50	343 50
Physical Education (women).....	262 50	29 25	233 25
Physics.....	217 50	29 50	188 00
Public Speaking.....	85 00	5 00	80 00
Spanish.....	50		50
Zoology.....	152 75	6 50	146 25
<i>Total, Laboratory Fees</i> .....	<i>\$ 4 379 75</i>	<i>\$ 375 00</i>	<i>\$ 4 004 75</i>
<i>Total Fees, Urbana</i> .....	<i>\$52 974 00</i>	<i>\$3 546 00</i>	<i>\$49 428 00</i>

CHICAGO<sup>1</sup>

	Gross	Refund	Net Total
Matriculation Fees.....	\$ 30 00	\$ 10 00	\$ 20 00
Tuition Fees.....	2 200 00	46 50	2 153 50
Late Registration Fees.....	5 00		5 00
Transcript of Credits Fees.....	7 00		7 00
Special Examination Fees.....	10 00		10 00
Diploma Fees.....	250 00		250 00
<i>Total, General Fees.....</i>	<i>\$ 2 502 00</i>	<i>\$ 56 50</i>	<i>\$ 2 445 50</i>
Laboratory Fees.....	\$ 847 50		\$ 847 50
<i>Total, Laboratory Fees.....</i>	<i>\$ 847 50</i>		<i>\$ 847 50</i>
<i>Total Fees, Chicago.....</i>	<i>\$ 3 349 50</i>	<i>\$ 56 50</i>	<i>\$ 3 293 00</i>
<i>Total Fees, Summer Session.....</i>	<i>\$56 323 50</i>	<i>\$3 602 50</i>	<i>\$52 721 00</i>

<sup>1</sup>Does not include a total of \$31.53 charged as deposits and breakage fees. Of this amount \$6.00 was refunded.

This report was received for record.

**KATE NEAL KINLEY MEMORIAL FELLOWSHIP  
SECURITIES**

(27) A report from the Comptroller that pursuant to the authorization and instructions of the Executive Committee at its meeting on August 25, 1931, he has taken possession of and transferred to the Treasurer of the University the following securities constituting the endowment of the Kate Neal Kinley Memorial Fellowship established by President *Emeritus* Kinley:

Illinois Water Service Company, 5% First Mortgage Bonds, due January 1, 1953.....	\$10 000
New England Power Association, 5½% Gold Debentures, due December 1, 1954.....	2 000
St. Louis, Springfield, & Peoria R. R. Company, 5% First & Refunding Mortgage Gold Bonds, due December 1, 1939.....	5 000
Sedalia Water Company, 5½% First Mortgage 20-year Gold Bonds, due February 1, 1947.....	3 000

This report was received for record.

**BIRD HAVEN MEMORIAL ASSOCIATION**

(28) A report of the offer of certain land near Olney, Illinois, from the Bird Haven Memorial Association through Mrs. Charles L. Hutchinson of Chicago, which was received in October, 1930, and reported to the Board on October 17, 1930 (Minutes, page 106).

No action was taken on this offer.

**DEATH BENEFIT, P. C. LUDOLPH**

(29) A report of the death of Paul Christian Ludolph, Assistant in Physics, on September 8, 1931. He had been on the staff from September 1, 1927, to September 8, 1931. The death benefit payable in this case is \$300. I recommend that an appropriation of \$300 be made from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to pay this amount to Mr. Ludolph's designated beneficiary.

On motion of Mr. Trees, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barrett, Mr. Emmerson, Mrs. Evans, Mrs. Hopkins, Mr. Williams.

At this point the Board recessed for luncheon.

When the Board reconvened for the afternoon session the same members who were at the morning session were present; also the Treasurer of the Board, Mr. Hazen S. Capron, and the Supervising Architect of the University, Professor James M. White, were present.

**REQUEST FROM THE TREASURER**

(30) The President of the Board submitted the following letter received from the Treasurer of the University:

September 28, 1931

*To the President and Board of Trustees, University of Illinois*

At the time when your treasurer was elected it was arranged that he should

pay interest on daily balances in his custody at the rate of two (2%) per centum per annum. During the period ensuing there has occurred a continuous loss on behalf of the treasurer owing to the impossibility of employing the funds to bring enough income to equal the required two per cent. Inasmuch as obligations of the United States in an amount aggregating the general funds in the hands of the treasurer have been purchased and pledged as security therefor, and the average yield on such investments based upon market prices obtaining during the period has been less than two per cent, the treasurer has sustained a loss therefor.

The rate paid upon bank balances, funds on deposit at the credit of depository banks, by clearing house members at New York, Chicago, and other reserve cities is but one-half ( $\frac{1}{2}$ ) of one per cent (1%) per annum. The depository of the treasurer is required to maintain a reserve percentage of its deposits in cash upon which it receives no return.

Under these conditions the treasurer makes request of the Board that the requirement for interest upon funds be changed from two (2%) per centum to one (1%) per centum from and after September 1, 1931, and also that the balances upon which interest shall be calculated shall permit the deduction therefrom of unrealized amounts represented by checks, warrants, and other credit instruments in process of collection. In the opinion of the treasurer the suggested lowering of the rate will more fairly equalize the present arrangement, leaving the way open to adjustment if and when a change is reasonable.

The treasurer will be glad to appear before you for further explanation if you so desire.

Respectfully submitted,

HAZEN S. CAPRON  
*Treasurer, Board of Trustees,  
University of Illinois*

On motion of Dr. Noble, the requirement for interest upon funds in the custody of the Treasurer was changed from two (2%) per centum to one (1%) per centum per annum from and after September 1, 1931, until further action by the Board with the provision that the balances upon which interest shall be calculated shall permit the deduction therefrom of unrealized amounts represented by checks, warrants, and other credit instruments in process of collection.

On motion of Dr. Noble, the question of working out a basis of compensation for the Treasurer was referred to the Finance Committee for consideration and report.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

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

#### APPROPRIATION FOR DREDGING BONEYARD

(31) A recommendation that the Board of Trustees of the University of Illinois share with the City of Urbana the expense of deepening and widening the Boneyard from Wright Street east through Urbana to prevent the over-flowing caused by that stream during the high-water seasons and that an appropriation of \$2,300, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barrett, Mr. Emmerson, Mrs. Evans, Mrs. Hopkins, Mr. Williams.

#### REQUEST OF ILLINOIS POWER AND LIGHT CORPORATION

(32) A request from the Illinois Power and Light Corporation for a license to construct, maintain, and operate a gas apparatus station on certain property of the University of Illinois.

No action was taken on this request.

**CONTRACT FOR TEMPERATURE REGULATORS**

(33) The Supervising Architect submits the following bids received on thermostatic valves for automatic temperature regulation in the Research Laboratory and Library:

Davis Construction Company.....	\$2 666 00
A. Kilander Company.....	2 977 00
S. J. Reynolds Company.....	3 450 00
William A. Pope Company.....	3 724 00

He recommends that the contract be awarded to the Davis Construction Company, the low bidder, on the basis of their bid of \$2,666.00.

I concur in this recommendation.

On motion of Dr. Noble, this contract was awarded to the lowest bidder, the Davis Construction Company.

**PURCHASE OF BOILER FOR POWER PLANT**

(34) A recommendation that the Board authorize the purchase and installation of a boiler and stoker for the heating plant for the Chicago Departments at a cost of approximately \$20,000 to be paid out of the appropriation for the second unit of the new Medical Laboratories Building, for which an appropriation was made by the Fifty-Seventh General Assembly, on condition that the Department of Public Welfare builds the proposed addition to the Boiler House which is necessary to furnish adequate heat for the new buildings.

On motion of Dr. Noble, this purchase was authorized and an appropriation of \$20,000, or so much thereof as may be necessary, was made out of the appropriation for the second unit of the Medical and Dental Laboratories Building by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blake, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barrett, Mr. Emmerson, Mrs. Evans, Mrs. Hopkins, Mr. Williams.

**BIDS FOR RESIDENCE HALL**

(35) A request from the Supervising Architect for authority to advertise for bids for the proposed new Woman's Residence Hall.

On motion of Mr. Armstrong, this authority was granted.

**NURSING SCHOOL IN CONNECTION WITH COLLEGE OF MEDICINE**

(36) A communication from the Dean of the College of Medicine concerning the establishment of a University School for Nurses in connection with the College of Medicine and the Research and Educational Hospital.

No action was taken on this matter.

**CHICAGO BOARD OF EDUCATION SCRIP**

A recommendation from the Finance Committee that the Comptroller be authorized to accept scrip issued by the Board of Education of Chicago in payment, or part-payment, of tuition and laboratory fees in all departments of the University on condition that in each case a promissory note, endorsed by some responsible person and bearing interest at six per cent, be required with the scrip as collateral, and that in no case shall such scrip be accepted unless it has been issued to the student or to a member of his family.

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

**MARTIN MORTGAGE (TRUST FUNDS)**

In September, 1928, the Board of Trustees acquired several mortgages of land in Franklin County as investments of endowment funds. One of these mortgages, amounting to \$7,500, covering 280 acres of land

adjoining Benton was given by Mr. W. B. Martin of Benton. The January 7, 1931, and July 7, 1931, interest payments due on this mortgage have become delinquent and attempts to secure collection have not been successful. The Finance Committee recommends that unless this property is deeded by Mr. Martin to the University with a clear title foreclosure proceedings be instituted to protect the University's investment.

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

**RETIRING ALLOWANCES AND DEATH BENEFITS**

Mr. Trees, for the Finance Committee, made a report on progress of the study which the Finance Committee is making concerning the future financing of the retiring allowances and death benefits system.

**RELATION OF ATHLETIC ASSOCIATION TO THE UNIVERSITY**

President Chase made a report on progress of the study of the relation between the Athletic Association and the University, which he was asked to make by the Board at its meeting on July 27, 1931.

**PURCHASE OF SECURITIES BY FINANCE COMMITTEE**

Mr. Trees, for the Finance Committee, submitted a report that on September 1 the following securities representing investments of endowment funds were called for payment and yielded the amounts indicated:

Chicago By-Products and Coke Company, 5% bonds due January 1, 1976, called August 13, 1931 at 105. Amount realized....	\$2 100
Commonwealth Edison Company, 5% bonds due June 1, 1943, called September 1, 1931 at 110. Amount realized.....	16 500

To avoid any undue loss of interest the Finance Committee authorized and directed the Comptroller to purchase the following securities as reinvestments of these funds:

\$5,500 Central Illinois Public Service Company 5% First Mortgage Bonds at 102.50, maturing May 1, 1956.....	\$5 637 50
\$3,000 Wisconsin Minnesota Light and Power Company 5% First and Refunding Bonds at 102.875, maturing May 1, 1944.....	3 086 25
\$5,000 Utah Power & Light Company 5% First Mortgage Bonds at 103.75, maturing February 1, 1944.....	5 187 50
\$5,000 Kentucky Utilities Company 5% First Mortgage Bonds at 102, maturing February 1, 1961.....	5 132 64

(The additional amount needed to cover the above purchases was available from minor uninvested balances of endowment funds.)

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

**REPORT ON CAMPUS DRIVES**

President Chase made a report on the improvement of campus drives pursuant to the request of the Board at its meeting on June 26, 1931.

This report was received for record.

**SURVEY OF PENNSYLVANIA AVENUE**

A report from the Committee on Buildings and Grounds that the Chicago Title and Trust Company could not reach a definite conclusion with reference to the Pennsylvania Avenue matter unless they had abstracts of title to the property owned by the University,

of which tracts Pennsylvania Avenue is a part, and that an appropriation of \$500, or so much thereof as may be necessary, be made for this purpose.

On motion of Dr. Noble, this recommendation was adopted and the appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barrett, Mr. Emmerson, Mrs. Evans, Mrs. Hopkins, Mr. Williams.

#### COMMITTEE ON ALUMNI FOUNDATION

Mr. Armstrong, for the Committee on Alumni Foundation, made a report of progress. President Barr directed that this matter be made a special order of business, following presentation of matters by the President of the University, for the October meeting.

#### OCTOBER MEETING

The October meeting was set for Friday morning, October 30, 1931, at ten o'clock at the Blackstone Hotel, Chicago.

#### DEGREES CONFERRED

The Secretary *Pro Tempore* presented for record the following list of degrees conferred as of August 15, 1931, in accordance with the authority granted by the Board of Trustees on June 15, 1931 (Minutes, page 240):

#### GRADUATE SCHOOL

##### Degree of Master of Arts

##### In Classics

GRACE PURVIANCE THOMAS, A.B., Knox College, 1909

##### In Chemistry

LOUIS GEORGE VELER, B.S., Bowling Green State Normal School, 1928

##### In Economics

FOREST LIVINGS WHAN, B.S., Kansas State Agricultural College, 1928

##### In Education

JOSEPH BRUCE BUCKLER, A.B., 1918

KENNETH DAVIS CABLE, A.B., Cornell College, 1923

EDWARD ANCEL CURRY, B.Ed., Illinois State Normal University, 1926

ERWIN ERNST HAKE, A.B., McKendree College, 1929

VESTA WEAVER HAYNES, A.B., 1921

DORIS SELMA KLEIN, A.B., Augustana College, 1930

KING JAMES MCCRISTAL, A.B., 1929

MAMIE TERESA MCGRATH, B.Ed., Illinois State Normal University, 1924

ELMER VICTOR NICKEL, A.B., Illinois College, 1923

DALE HERBERT PARKERSON, A.B., DePauw University, 1926

CHESTER ARTHUR RUMBLE, B.S., Oakland City College, 1916

THOMAS BERNHARDT SMITH, A.B., Illinois College, 1924

FRANKLIN CRAMER THOMAS, A.B., Mt. Morris College, 1925

CHESTER WICKLIFFE, A.B., University of Arizona, 1927

##### In English

LOUDENE ANDERSON, A.B., 1922

BERNICE LOUISE MARSHALL, A.B., 1925

SISTER MARY CHRYSANTHA HOEFLING, A.B., DePaul University, 1924

ESTHER ELIZABETH SUNDBERG, A.B., Gustavus Adolphus College, 1920

## In Geology

CLARENCE BURT ODELL, B.Ed., Illinois State Normal University, 1930

## In History

RUTH ELEANOR HESTED, A.B., Rockford College, 1930

GLENA LUCILE JAMES, A.B., Defiance College, 1924

SISTER MARY GILBERT KELLY, O.P., A.B., Rosary College, 1925

HELEN JOAN TOBIAS, A.B., 1930

LOUIS UNFER, B.S., Kirksville State Teachers College, 1920, M.S.Ed., 1929

## In Library Science

ARTHUR ERIC GROPP, B.S., Kansas State Teachers College, 1927, B.S., 1930

LUCILE ELIZABETH WILCOX, B.S., 1923

SARA METELLA WILLIAMS, B.S., Kansas State Teachers College, 1927, B.S.(L.S.), 1930

## In Mathematics

SADIE EVALYN CLAPPER, A.B., State University of Iowa, 1920

WALTER PHILIP HEINZMANN, A.B., DePauw University, 1925

EVA MAE LYNCH, A.B., Indiana Central College, 1928

SISTER MARY REGINALD DURICK, A.B., St. Clara College, 1921

## In Political Science

BORIS GLUSHITSKI ALEXANDER, Ph.B., Shurtleff College, 1929

MARY ANN HELD, A.B., 1928

BLAKE SMITH ROOT, B.S., Monmouth College, 1927

## In Romance Languages

LENA VIRGINIA HANNA, A.B., Culver-Stockton College, 1925

LEON LOUIS MAYEUR, A.B., West Virginia University, 1929

MILDRED LOUISE WOODWORTH, A.B., Indiana University, 1928

## In Sociology

DENA LUVERNE McMACKIN, B.Ed., Illinois State Normal University, 1930

## In Transportation

JOHN CHIA SHAN LEE, A.B., Peking National University, 1925, Ph.B., Milton College, 1930

## Degree of Master of Science

## In Accountancy

FRANK HEDRICK ALLEN, B.S., 1930

DONALD LYLE DIETERLE, B.S., 1930

CLIVE FLEEMING DUNHAM, B.S., 1929

REXFORD CLARK PARMELEE, B.S., 1930

## In Agronomy

DAVID OLIN CARTER, B.S., University of Missouri, 1930

MERL FRANKLIN HERSHBERGER, B.S., University of Maryland, 1929

## In Astronomy

ROBERT BLY ARNOLD, B.S., Case School of Applied Science, 1930

## In Bacteriology

CATHERINE VIRGINIA FISHER, A.B., University of Wisconsin, 1929

GEORGE SHROPSHEAR, B.S., 1929

## In Chemistry

ROY PARKINSON BOHANNON, B.Ed., Western Illinois State Teachers College, 1927

VERA ARRIETTA CONARD, A.B., 1928

JANE ANN CONIBEAR, B.S., Florida State College for Women, 1929

T. MELVILLE HESS, B.S., Monmouth College, 1930

BERNARD LARS JOHNSON, B.S., Purdue University, 1928

RICHARD HUGH MCCOY, A.B., Earlham College, 1929

ALLAN HAMILTON MACMILLAN, B.S., University of Denver, 1929  
 JOHN ORION PAGE, B.S., University of Rochester, 1927  
 DAVID JORDAN PORTER, B.S., 1930  
 LYDIA MARY SCHOLFIELD, B.S., 1928

## In Economics

FRANK HERMAN BEACH, A.B., 1916  
 RUTH CRAWFORD FREEMAN, A.B., 1913  
 JOHN ANTHONY HERRMANN, B.S., Purdue University, 1930  
 JOHN GEORGE LEISENRING, B.S., 1930  
 JESSE TAYLOR PALMER, B.S., 1928

## In Education

HARRY DRENNAN ALLEN, B.S., 1929  
 VERN DAVID AMACHER, B.S., 1927  
 FLORENCE MARY COLE, A.B., 1926  
 MABEL REA HAGAN, B.S., 1926  
 CECIL WILLARD MARTIN, A.B., Illinois College, 1927  
 HARLEY J. SEYBOLD, B.Ed., Illinois State Normal University, 1930  
 EARL CHARLES SEYLER, B.S., 1929  
 ETHEL WENTZ SMITH, B.S., 1926  
 HERMAN ASA SPARR, B.Ed., Southern Illinois State Teachers College, 1923

## In Mathematics

MINNIE ELLEN HUSER, B.S., 1925  
 VELMA MYRTLE MAGILL, B.S., 1929  
 CLARICE EDNA VAN HOOK, B.S., Earlham College, 1926

## In Pathology

KARL WILLIAM SCHLEGEL, B.S., 1929

## In Physics

JU WEI SHIH, B.S., National Central University, 1925

## In Sociology

RUTH FRANCES PECIVAL, B.S., 1931

## In Zoology

ARTHUR DEWEY BUCK, B.S., East Central State Teachers College (Ada, Okla.), 1928

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

## In Liberal Arts and Sciences

MARGARET ELIZABETH ALEXANDER	MAY ANNE PARSONS, with Honors in
FRANK RUSSELL FOSTER	French
LAWRENCE MILLARD GRIGG	CLIFFORD FINLEY REID
FRANCES MARION HELFF	WILLARD CHARLES RUSSELL
MARTHA JEAN HENLEY	DOROTHY MAE SIZER
CARL IRENEUS, JR.	SEYMOUR STEIN
HAROLD EDWARD JAEGER	RUSSELL JAMES TURNERY

## Degree of Bachelor of Science

## In Chemical Engineering

HARVEY ERLING BERG                      MILTON ALONZO DEWEY

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

## In Accountancy

ROBERT DARREL BOTHWELL                      ARTHUR SETRAK SAMOORE  
 ALVA LESTER FRY

## In Banking and Finance

CLEMENT RICHARD BURKHART                      RICHARD HOWARD SIMPSON

## In Foreign Commerce

WYMAN RUTHERFORD ECCLES                      HERBERT BERNARD ECKENFELS STONE

## In General Business

HAROLD LYCURGUS BALDWIN	GEORGE PRESTON KENDALL
JACK OLINGER BALDWIN	CHARLES VINCENT MOUNT
RONALD MARK BROWN	MORGAN OCHSENSCHLAGER
EDWARD WARREN CLENDENIN	BURNHAM PAGE SPANN
WILLIAM RIDGEWAY FLETCHER	GEORGE PHILIP WAGNER, JR.
LAWRENCE BRUCE HUSTON	ROBERT ALLAN WOOD

## In Industrial Administration

CLARENCE THEODORE DRESCHEL

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

## In Education

FLORENCE KATHRYN DOHNEY	JAMES HUGH MALLET
VIRGINIA LIPSCOMB	CLAUD VERNE MYERS
ALESE VIVIAN LOGAN	SIDNEY NOVAK
NEVA NADINE GISH McADAM	HELEN IRENE WEBBER

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## In Home Economics

MARY LOY WEAVER

## SCHOOL OF JOURNALISM

## Degree of Bachelor of Science in Journalism

BERNICE HOPE CRANSTON

## COLLEGE OF LAW

## Degree of Bachelor of Law

IVAN JEROME HUTCHENS	HARRY LAVERNE PATE
WILLIAM BRUCE MASKE, JR.	DONALD MAXWELL RENO
GLENN EARL MILLER	JAMES GORDON SARGENT

## Degree of Doctor of Law

ROY MARTIN ASHER, A.B., 1929, with Honors

JOSEPH GUANDOLO, A.B., McKendree College, 1928, with Honors

## LIBRARY SCHOOL

## Degree of Bachelor of Science in Library Science

MAUD MERRITT COOK, A.B., Louisiana State University, 1929, with Honors  
 CORINNE MALINDA LINDQUIST, A.B., Baylor University, 1927  
 ALICE DOROTHY McDONALD, B.S., Kansas State Teachers College, 1924  
 BLANCHE BROWN McKEOWN, A.B., Mississippi State College for Women, 1929  
 SISTER MARY ANNETTE RENGER, A.B., Catholic University of America, 1919,  
 with Honors  
 SISTER MARY DE LOURDES ROHRET, A.M., Creighton University, 1928  
 URYTH MARGARET WINCHELL, A.B., 1930

## APPOINTMENTS MADE BY THE PRESIDENT

The Secretary *Pro Tempore* presented for record a list of appointments made by the President of the University.

Alexander, Jean Greiner, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (September 19, 1931)<sup>1</sup>

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

Austin, P. R., Instructor in Chemistry, on part-time, for ten months beginning September 1, 1931, without salary. (August 26, 1931)

Barnes, Irene M., Associate in Home Economics, in the College of Agriculture, for one year beginning September 1, 1931, at a cash compensation of two thousand five hundred dollars (\$2500) (this supersedes her previous appointment). (August 13, 1931)

Bauerle, Louis Marion, Assistant in Physical Education and Athletic Coaching, for ten months beginning September 1, 1931, at a cash compensation of one thousand six hundred dollars (\$1600). (September 15, 1931)

Bay, Alfred Paul, Student Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1931, to receive tuition and laboratory fees. (September 3, 1931)

Bayly, Leona B., Assistant in Botany, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (September 15, 1931)

Bender, Earl Edwin, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (June 29, 1931)

Bone, J. H., Technician in the Animal Hospital, in the College of Medicine, for one year beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (August 21, 1931)

Bradley, W. F., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700) (this supersedes his previous appointment). (September 15, 1931)

Branch, James E., Instructor in Architecture, for ten months beginning September 1, 1931, at a cash compensation of two thousand two hundred dollars (\$2200). (July 29, 1931)

Brown, Edna Mae, Cataloger in the Library, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 13, 1931)

Brown, Helen, Librarian and Secretary in the Department of Landscape Architecture, in the College of Fine and Applied Arts, for one year beginning September 1, 1931, at a cash compensation of one thousand three hundred dollars (\$1300). (September 5, 1931)

Brown, Lauren H., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 24, 1931)

Browne, Robert B., Instructor in Education, on one-fourth time, and Assistant to the Dean of the College of Liberal Arts and Sciences, on three-fourths time, for ten months beginning September 1, 1931, at a cash compensation of three thousand dollars (\$3000) (this supersedes his previous appointment). (September 14, 1931)

Bryant, Frank L., Resident in the Department of Otolaryngology, in the College of Medicine, beginning July 15, 1931, and continuing until December 31, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (July 24, 1931)

Burney, Joel R., Supply Officer in the Military Department, for one year beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600) a year. (September 15, 1931)

Burns, Herschel Smith, Assistant in Physiology, in the College of Medicine, on one-third time, for ten months beginning September 1, 1931, at a cash compensation of four hundred dollars (\$400). (September 15, 1931)

Butchart, John Harvey, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1931, at a cash compensation of one thousand dollars (\$1000). (July 30, 1931)

Carr, Katherine, Technician in Graduate Orthodontia, in the College of Dentistry, for one year beginning September 1, 1931, at a cash compensation of one thousand two hundred dollars (\$1200). (September 22, 1931)

Carrigan, Honora T., Certified Registered Nurse in the Dispensary, in the College of Medicine, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 21, 1931)

Cohen, Anne M., Stenographer and Clerk in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for one year beginning September

1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200) (this supersedes her previous appointment). (September 17, 1931)

Cohen, Arthur E., Assistant in Violin, in the School of Music, on one-half time, and Assistant in the Radio Station, on two-fifths time, for ten months beginning September 1, 1931, at a cash compensation of one thousand two hundred dollars (\$1200). (July 29, 1931)

Conder, Evert, Research Assistant in Zoology, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred twenty dollars (\$720). (August 3, 1931)

Conrad, Mrs. Lydia C., Record Clerk in the Dispensary, in the College of Medicine, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 21, 1931)

Corrigan, K. E., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 15, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (September 22, 1931)

Cover, Virgil D., Assistant in the Economics of Public Utilities and Transportation, for ten months beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (September 22, 1931)

Davis, Robert L., Laboratory Helper in the Department of Physiology, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (August 31, 1931)

Dawson, Walker M., Assistant in Animal Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1931, at a cash compensation of one thousand six hundred dollars (\$1600). (August 18, 1931)

DeLong, Charles Clifton, Assistant in Accountancy, for ten months beginning September 1, 1931, at a cash compensation of one thousand six hundred dollars (\$1600). (August 4, 1931)

Dickerson, Hilda Mae, Assistant in the Loan Department of the Library, for one year beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (September 5, 1931)

Dillman, Lucius M., Assistant in Physiology, in the College of Medicine, on one-half time, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 15, 1931)

Dillman, Vera, Stenographer in the President's Office, on one-half time, and in the College of Law, on one-half time, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred twenty dollars (\$1320). (August 1, 1931)

Dorcas, Grace Elizabeth, Assistant in the Library School, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (August 24, 1931)

Dow, Clarence Lorenzo, Assistant in Geology, for ten months beginning September 1, 1931, at a cash compensation of one thousand seven hundred dollars (\$1700). (July 29, 1931)

Dykens, F. A., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (August 27, 1931)

Ewalt, Laura F., Graduate Assistant in Astronomy, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (September 15, 1931)

Faith, William Lawrence, Special Research Assistant in Chemical Engineering, in the Engineering Experiment Station, beginning September 1, 1931, and continuing until further notice, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (August 5, 1931)

Fantus, Bernard, Professor of Therapeutics, in the College of Medicine, for one year beginning September 1, 1931, without salary. (July 30, 1931)

Fiessel, Esther, Stenographer in the Department of Obstetrics and Gynecology, in the College of Medicine, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 18, 1931)

Finch, Glen, Special Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (August 19, 1931)

Finger, G. C., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (September 15, 1931)

Firke, Mrs. Ethelyn, Stenographer in the Registrar's Office, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 20, 1931)

Fisch, M. E., Instructor in Internal Medicine, in the College of Medicine, for one year beginning September 1, 1931, without salary (this supersedes his previous appointment). (July 30, 1931)

Fitch, Kenneth R., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 15, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (September 22, 1931)

Fox, Alice, Record Clerk in the Dispensary, in the College of Medicine, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred dollars (\$1300). (August 21, 1931)

Francis, Florinell, Instructor in the Library School, for ten months beginning September 1, 1931, at a cash compensation of two thousand two hundred dollars (\$2200). (September 19, 1931)

Freedman, John, Roentgen Operator and Assistant in Radiology, in the College of Medicine, for one year beginning September 1, 1931, at a cash compensation of one thousand two hundred dollars (\$1200). (September 3, 1931)

Garrigus, Wesley, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred twenty dollars (\$720). (August 25, 1931)

Gay, M. C., Assistant in Economics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (September 22, 1931)

Girden, Edward S., Special Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred fifty dollars (\$650). (August 19, 1931)

Goder, George Augustine, Technician in the Department of Physiology, in the College of Medicine, for eleven months beginning October 1, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (September 17, 1931)

Gustafson, Mrs. Marie, Technician in the Department of Pathology and Bacteriology, in the College of Medicine, for eleven months beginning October 1, 1931, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (September 24, 1931)

Hark, Fred William, Assistant Professor of Orthopedics, in the College of Medicine, on one-half time, for one year beginning September 1, 1931, at a cash compensation of two thousand four hundred dollars (\$2400). (July 29, 1931)

Hartlett, Elvin Mann, Assistant in Otolaryngology, in the Department of Laryngology, Rhinology, and Otolaryngology, in the College of Medicine, for one year beginning September 1, 1931, without salary. (September 17, 1931)

Hartline, Opal C., Assistant in Botany, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (September 15, 1931)

Hayden, Henrietta, Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 15, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (September 22, 1931)

Hensel, Evelyn Mildred, Cataloger in the Library, for one year beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (August 5, 1931)

Herdman, Allen W., Assistant in Romance Languages, for ten months beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (July 24, 1931)

Herrington, Lovic P., Instructor in Psychology, for one year beginning September 1, 1931, at a cash compensation of two thousand four hundred dollars (\$2400). (August 19, 1931)

Hess, Edith Constance, Stenographer in the Department of Horticulture, in the College of Agriculture, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand twenty dollars (\$1020). (August 12, 1931)

Heubaum, Ulrich, Special Research Assistant in Chemistry, for ten months beginning September 1, 1931, at a cash compensation of two thousand two hundred fifty dollars (\$2250). (August 19, 1931)

Hick, Ford, Instructor in Medicine, in the Department of Internal Medicine, in the College of Medicine, on one-half time, beginning January 1, 1932, and continuing until September 1, 1932, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 4, 1931)

Holmes, Stella A., Assistant in Botany, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700) (this supersedes her previous appointment). (September 23, 1931)

Hough, Helen Marva, Instructor in Physical Education for Women, for ten months beginning September 1, 1931, at a cash compensation of one thousand eight hundred dollars (\$1800). (July 24, 1931)

Houkom, Alf, Assistant in the Loan Department of the Library, for one year beginning September 1, 1931, at a cash compensation of one thousand four hundred dollars (\$1400). (August 1, 1931)

Hunsley, Harwin M., Assistant to the Photographer, in the Illustration Studios, in the College of Medicine, for nine months beginning September 1, 1931, at a cash compensation at the rate of sixty-five dollars (\$65) a month. (September 15, 1931)

Ingraham, R. C., Assistant in Physiology, in the College of Medicine, for eleven months beginning October 1, 1931, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 15, 1931)

Ireland, Inez Invaline, Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (July 28, 1931)

Jacobs, Sarah Irene, Laboratory Technician in Nutrition, in the Department of Home Economics, in the College of Agriculture, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred twenty dollars (\$720). (August 19, 1931)

Jacquin, Mrs. Frances S., Assistant in Journalism, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (July 25, 1931)

Jung, Calvin W., Graduate Assistant in German, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (August 3, 1931)

Kayser, Evelyn, Assistant in the Library School, for ten months beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (August 18, 1931)

Kearns, Clyde Wilson, Assistant in Entomology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (July 29, 1931)

Kerry, John Robert, Assistant in Physics, on one-third time, for ten months beginning September 1, 1931, at a cash compensation of five hundred dollars (\$500). (September 22, 1931)

Kieffer, Dale C., Assistant in Rural Sociology, in the Agricultural Experiment Station, on one-half time, for five months beginning September 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 3, 1931)

King, Ameda Ruth, Instructor in History, on one-half time, and Clerk in History, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 8, 1931)

Kinzer, Gilbert DeForest, Assistant in Physics, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation of three hundred fifty dollars (\$350). (September 22, 1931)

Kleiderer, E. C., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (August 27, 1931)

Krauss, Paul Gerhard, Assistant in German, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (August 11, 1931)

McCarty, L. C., Associate in English, on two-thirds time, for ten months beginning September 1, 1931, at a cash compensation of one thousand seven hundred dollars (\$1700). (August 12, 1931)

Macmillan, A. H., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 15, 1931, at a cash compensation of seven hundred dollars (\$700). (September 22, 1931)

Madson, Willard H., Instructor in Chemistry, for ten months beginning September 1, 1931, at a cash compensation of two thousand dollars (\$2000). (August 4, 1931)

Marshall, Alex G., Instructor in Surgery, in the College of Medicine, for one year beginning September 1, 1931, without salary (this supersedes his previous appointment). (July 30, 1931)

Marvin, Gordon Standish, Special Research Assistant in Psychology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (August 19, 1931)

Mathys, Della Mabel, Assistant in the Library School, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (September 15, 1931)

Mayhew, Nora Ethel, Dispensary Clerk in the College of Medicine, for eleven months beginning October 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (September 17, 1931)

Maynard, Glenn Robert, Assistant in the Loan Department of the Library, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (September 5, 1931)

Miller, William Arthur, Assistant in Bacteriology, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (August 5, 1931)

Moffit, Alexander, Assistant in the Order Department of the Library, for one year beginning September 1, 1931, at a cash compensation of fifteen hundred dollars (\$1500). (August 5, 1931)

Muehlberger, Clarence Weinert, Lecturer in Toxicology, in the Department of Pharmacology, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (September 22, 1931)

Obando, Mrs. Helen, Stenographer in the Department of Farm Organization and Management, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand twenty dollars (\$1020). (July 29, 1931)

Olson, Selma Marie, Assistant to the Dean of Women, for one year beginning September 1, 1931, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 4, 1931)

O'Neal, Harold Elmo, Assistant and Resident in Orthopedics, in the College of Medicine, for ten months beginning September 1, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (September 3, 1931)

Page, J. O., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700) (this supersedes his previous appointment). (September 15, 1931)

Parsons, Theophilus, Jr., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (September 15, 1931)

Paul, Gladys, Stenographer in the Business Office, beginning September 8, 1931, and continuing until August 31, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (September 15, 1931)

Peirce, D. D., Assistant in Chemistry, for five months beginning September 1, 1931, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (August 21, 1931)

Powers, Clyde W., University Machinist in the Department of Chemistry, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand six hundred dollars (\$1600). (September 5, 1931)

Quisenberry, John Henry, Assistant in Animal Genetics, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1931, at a cash compensation of seven hundred twenty dollars (\$720). (July 29, 1931)

Ralph, Dorothy Marie, Assistant in Romance Languages, for ten months beginning September 1, 1931, at a cash compensation of one thousand four hundred dollars (\$1400). (September 17, 1931)

Rash, Lois I., Stenographer in the Division of Agricultural Economics, in the Agricultural Experiment Station, beginning September 15, 1931, and continuing until August 31, 1932, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 24, 1931)

Reed, Carlos I., Assistant Professor of Physiology, in the College of Medicine, for one year beginning September 1, 1931, at a cash compensation of four thousand dollars (\$4000). (September 14, 1931)

Reitz, J. Wayne, Assistant in Farm Organization and Management Extension, in the Agricultural Extension Service, beginning September 21, 1931, and continuing until August 31, 1932, at a cash compensation at the rate of one hundred thirty-three dollars and thirty-three cents (\$133.33) a month. (July 28, 1931)

Roadstrum, Angela, Stenographer in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (July 30, 1931)

Ruch, Floyd L., Associate in Psychology, for one year beginning September 1, 1931, at a cash compensation of two thousand seven hundred dollars (\$2700). (August 19, 1931)

Sanford, Charles W., Assistant in Education, on three-fourths time, for ten months beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (September 22, 1931)

Schochet, Sydney S., Assistant Professor of Obstetrics and Gynecology, in the College of Medicine, for one year beginning September 1, 1931, without salary. (July 24, 1931)

Schooley, Frank E., Assistant to the Director of Publicity, on three-fourths time, for one year beginning September 1, 1931, at a cash compensation of eighteen hundred dollars (\$1800), and Assistant in Journalism, on one-fourth time, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600) (this supersedes his previous appointment). (September 17, 1931)

Shoupp, William Earl, Assistant in Physics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (June 29, 1931)

Singh, Ranbir, Research Assistant in the Division of Agricultural Economics, in the College of Agriculture, on one-fourth time, beginning September 19, 1931, and continuing until August 31, 1932, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 24, 1931)

Smith, Paul W., Instructor in Physiology, in the College of Medicine, on three-fourths time, for one year beginning September 1, 1931, at a cash compensation of two thousand dollars (\$2000). (September 14, 1931)

Sperry, Floyd Dwight, Assistant in the Bureau of Business Research, for five months beginning September 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (September 15, 1931)

Stalnaker, C. C., Assistant in Economics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (September 22, 1931)

Steinman, Floyd Hugh, Instructor in Orthopedics, in the College of Medicine, on one-half time, for one year beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (July 29, 1931)

Tandy, W. Lou, Assistant in Economics, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (August 4, 1931)

Terry, Lawrence, Assistant in Pharmacology, in the College of Medicine, on two-thirds time, for one year beginning September 1, 1931, at a cash compensation of one thousand two hundred dollars (\$1200). (August 1, 1931)

Townsend, Susan, Assistant in the Loan Department of the Library, for one year beginning September 1, 1931, at a cash compensation of one thousand three hundred dollars (\$1300). (September 5, 1931)

Utley, John H., to give instruction in Romance Languages in the Summer Session of 1931, beginning July 20 and ending August 15, 1931, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 27, 1931)

Vaile, Joseph Edwin, Assistant in Plant Breeding, in the Department of Horticulture, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (August 13, 1931)

Wall, Alice T., Secretary in the College of Fine and Applied Arts, for one year beginning September 1, 1931, at a cash compensation of one thousand five hundred dollars (\$1500). (August 1, 1931)

Waterbury, Clarence Leslie, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1931, at a cash compensation of six hundred dollars (\$600). (July 25, 1931)

Watson, Tully Franklin, Assistant in Physics, on three-fourths time, for ten months beginning September 1, 1931, at a cash compensation of ten hundred fifty dollars (\$1050) (this supersedes his previous appointment). (September 22, 1931)

Werner, C. O., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 15, 1931, at a cash compensation of seven hundred fifty dollars (\$750). (September 22, 1931)

Wheeler, Suzanne K., Stenographer in the Department of Farm Mechanics, in the College of Agriculture, for one year beginning September 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred twenty dollars (\$1320). (August 12, 1931)

Wolever, Frances E., Assistant in Mathematics, on one-third time, for ten months beginning September 1, 1931, at a cash compensation of five hundred dollars (\$500). (August 8, 1931)

Wolfe, Helen Morrill, Assistant in Psychology (laboratory and teaching), on one-half time, for ten months beginning September 1, 1931, at a cash compensation of seven hundred dollars (\$700). (September 22, 1931)

Woodward, Helen, Research Assistant in Pediatrics, in the College of Medicine, for eleven months beginning October 1, 1931, at a cash compensation at the rate of one hundred thirty-seven dollars and fifty cents (\$137.50) a month. (September 17, 1931)

#### GRADUATE SCHOLARS AND FELLOWS

The Secretary *Pro Tempore* presented also for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University.

Architecture	ARTHUR BASSIN.....	Scholarship	\$300
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The Board adjourned.

A. J. JANATA  
Secretary *Pro Tempore*

GEORGE A. BARR  
President

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**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**October 30, 1931**



The October meeting of the Board of Trustees of the University of Illinois was held at 10 o'clock a.m. on Friday, October 30, 1931, at the Blackstone Hotel in Chicago. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble, Mr. Trees.

President Chase was present; also, during the afternoon, Professor J. M. White, Supervising Architect.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of September 29, 1931. On motion of Dr. Noble, the minutes were approved as printed on pages 409 to 458 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**LEAVE OF ABSENCE FOR PROFESSOR P. T. YOUNG**

(1) A recommendation that Associate Professor Paul T. Young of the Department of Psychology be given a sabbatical leave of absence on half salary for the year 1932-33, under the rules.

On motion of Mr. Armstrong, this leave was granted.

At this point, Mr. Barr asked Mr. Trees to take the chair.

**SPECIAL APPROPRIATION FOR DEPARTMENT OF SOCIOLOGY**

(2) A recommendation that an appropriation of \$950, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to the Department of Sociology for field expenses for the year in the continuation of its study of crime which was begun last year and was continued through the summer.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barr, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Williams.

**APPROPRIATION FOR UNIVERSITY COUNSEL**

(3) A recommendation that an appropriation of \$400 be made from the Reserve and Contingent Fund to supplement the expense and equipment fund of the University Counsel for the current academic year.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barr, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Williams.

At this point, Mr. Barr returned and resumed the chair.

**DEATH BENEFIT, ADAH PATTON**

(4) A report of the death of Miss Adah Patton, Librarian, on October 7, 1931. She had been on the staff from February 1, 1908, until September 1, 1914, and again from September 1, 1920, to October 7, 1931. The death benefit payable in this case is \$1700. I recommend that an appropriation of \$1700 be made from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to pay this amount to Miss Patton's designated beneficiary.

On motion of Mr. Barrett, this recommendation was adopted. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Williams.

**RECOMMENDATION FOR THE ESTABLISHMENT OF A DEPARTMENT OF AGRICULTURAL ECONOMICS**

(5) A recommendation from the University Senate that the work in agricultural economics and allied work in the Departments of Farm Organization and Management, Economics, and Business Organization and Operation be combined in a new Department of Agricultural Economics to be administered in the College of Agriculture, the organization of this work to be as follows:

A. The courses in Economics and in Business Organization and Operation dealing primarily with agriculture shall be placed under the jurisdiction of the College of Agriculture.

B. The courses in Agronomy, Animal Husbandry, Dairy Husbandry, and Horticulture dealing with marketing and the courses in Farm Organization and Management shall be associated in the College of Agriculture with the transferred courses

referred to under *A*; and any similar courses subsequently organized in these fields shall also be associated.

C. Any courses subsequently organized in this new department shall not duplicate work given in the College of Commerce and Business Administration. In order to avoid possible duplication outlines of proposed new courses shall be submitted to the College of Commerce and Business Administration before they are announced.

D. The staff having full-time or part-time responsibilities for teaching the courses referred to under *A* or *B* shall be organized into a department which shall include others on part-time or full-time appointment in experiment station and extension work in the same fields.

E. During a formative period of two years the department will have the services of an advisory committee, which shall meet at least once each semester with its executive committee, the advisory committee to be constituted as follows:

- (1) The head of the Department of Economics;
- (2) The head of the Department of Business Organization and Operation;
- (3) The heads of two of the following Departments, as designated by the Dean of the College of Agriculture, in his capacity as Dean and Director: Agronomy, Animal Husbandry, Dairy Husbandry, and Horticulture.

During this two-year formative period the executive committee of the department shall be constituted as follows:

- (1) The chairman, head, or acting head of the department;
- (2) The ranking specialist in Agricultural Economics;
- (3) The ranking specialist in Farm Organization and Management; and
- (4) The ranking specialist in agricultural commodity marketing.

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

**LABORATORY FEES IN BACTERIOLOGY**

(6) A recommendation that the laboratory fees in bacteriology courses be changed as follows:

<i>Course</i>	<i>From Present Fee</i>	<i>To</i>
Bacteriology 5b.....	\$8 00	\$4 00
Bacteriology 6.....	2 50	Course no longer given
Bacteriology 8.....	7 00	\$4 50
Bacteriology 20.....	7 50	5 00
Bacteriology 26.....	8 00	5 00
Bacteriology 107.....	5 00	5 00

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

**UNIVERSITY CHORUS FEES**

(7) A recommendation that a fee of one dollar per semester be charged for membership in the University Chorus and that the income from such fees be appropriated for the expenses of the Chorus.

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

**CHANGE IN LYING-IN SERVICE FEE IN RESEARCH AND EDUCATIONAL HOSPITAL**

(8) A recommendation that the charge or fee of \$2.00 for supplies which was established by the Board of Trustees on June 3, 1930 (Minutes, page 600), when the College of Medicine was authorized to conduct an out-patient lying-in service in connection with the Research and Educational Hospital, be abolished.

On motion of Dr. Noble, this fee was abolished.

**CONSULTING SERVICES OF PROFESSOR A. C. WILLARD**

(9) A request that Professor A. C. Willard of the Department of Mechanical Engineering be granted permission to render consulting services concerning certain ventilating problems relating to the new "Midtown Hudson River Tunnel."

On motion of Mr. Armstrong, this request was granted.

**EXTENSION OF AGREEMENT FOR INVESTIGATION OF  
BACTERIA IN CANNED MEAT PRODUCTS**

(10) A report of the extension of an agreement with the Institute of American Meat Packers for a cooperative investigation, by the Department of Bacteriology, of bacteria in canned meat products, for an indefinite period from September 15, 1931, with the understanding that the Institute will continue to meet the expenses of the investigation.

On motion of Mrs. Hopkins, this action was confirmed.

**REPORT OF PURCHASES**

(11) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

Number one Hindle electrocardiograph with accessories from the Cambridge Instrument Company at \$1600 to be charged to the Special Equipment Fund of the College of Medicine. This equipment is non-competitive in price.

Sixty tons of first crop baled alfalfa hay at \$10 f.o.b. Gilman and forty tons of second crop baled alfalfa hay at \$12.40 f.o.b. Gilman from Frank I. Mann and Son, Gilman. Funds for this are provided in the budget of the Dairy Department.

Metallographic equipment from the E. Leitz Company at \$1265.65 f.o.b. Urbana, payable out of funds furnished for the cooperative investigation of rails.

One hundred steer calves for experimental purposes from Texas Livestock Marketing Association at a price of 6½¢ per pound, f.o.b. Midland, Texas, at a total cost of \$2,600, payable out of funds appropriated to the Department of Animal Husbandry for this purpose. (This stock is being purchased on a competitive basis.)

Asbestos protected metal roofing and siding for replacement of fire damage to building used for hay storage for Military Department; from the Mississippi Valley Structural Steel Company, Decatur, at a price of \$1,210 f.o.b. Urbana, Illinois. (This is a non-competitive item; the material for the erection of this building was purchased from this company in 1929.)

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND  
PURCHASE ORDERS**

(12) The following report from the Comptroller of contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER  
SEPTEMBER 24, 1931, TO OCTOBER 24, 1931*

Cooperative agreement executed on special authorization of the Board of Trustees in the meeting of September 29, 1931:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
Crop Protection Institute	\$3 000	October 9, 1931	For cooperative investigation to determine the insecticidal and fungicidal effects of certain sulphur combinations by the Agricultural Experiment Station.

Minor contracts executed under general regulations of the Board of Trustees:

The Illinois State Board for Vocational Education to pay regular fees to the University for instruction to be rendered to the following persons on the following terms:

<i>Name</i>	<i>Instruction in</i>	<i>Date</i>	<i>Term</i>
William Schwab	College of Commerce	September 11, 1931	One year from September 18, 1931
Kenneth Bosley	College of Commerce	September 11, 1931	Two years from September 18, 1931
Raymond Walter	School of Journalism	September 11, 1931	One year from September 18, 1931
Caroline A. Dunlap	College of Liberal Arts and Sciences	September 14, 1931	Two years from September 18, 1931
Clarence Partee	College of Commerce	September 16, 1931	One year from September 18, 1931
Paul Bost	College of Commerce	September 23, 1931	One year from September 18, 1931
Marian Decker	College of Liberal Arts and Sciences	September 23, 1931	One year from September 18, 1931
Robert Luther	College of Commerce	September 24, 1931	One year from September 18, 1931
Israel H. Fagen	College of Liberal Arts and Sciences	October 1, 1931	One year from September 18, 1931

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(13) The following quarterly report of the Comptroller to the Board of Trustees as at September 30, 1931:

*QUARTERLY REPORT OF THE COMPTROLLER TO THE  
BOARD OF TRUSTEES*

*QUARTER ENDED SEPTEMBER 30, 1931*

SUMMARY

*Reserve and Contingent Fund*

The unappropriated balance of the Reserve and Contingent Fund at the close of the quarter was \$219,599, as per Schedule B. The balance at the corresponding date a year ago was \$233,110. Of the present amount, \$43,638 represents the unappropriated balance of the estimated income of the fiscal year, and \$175,961 represents a balance carried forward July 1, 1931.

*Budget Income*

Realization of the budget income for the quarter, as per Schedule D, was as follows:

	<i>Estimate For Year</i>	<i>Per Cent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (Per Cent realized represents portion expended to Sept. 30, 1931).....	\$4 940 000	24.0	17.3
Federal Funds.....	478 223	48.9	51.5
Student Fees.....	1 125 000	39.1	42.0
Agricultural Sales			
Credited to Revolving Accounts.....	121 272	18.6	18.5
Credited to Budget Income.....	114 150	16.5	22.4
Miscellaneous Sales and Receipts.....	95 000	20.8	15.1

*Treasurer's Balance*

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,209,860, Schedule C. On the corresponding date a year ago, the balance was \$1,071,707. Of the present balance, \$596,974 represents general University funds, \$162,327 Federal funds, \$298,075 residence hall funds, and \$152,484 trust funds. Securities totaling \$1,079,800 have been deposited by the Treasurer to secure the general University funds, Federal funds, and residence hall funds.

*State Funds Balances*

The total balance of all State Appropriations as at the end of the quarter was \$5,165,331. Of this total \$3,755,403 was for operations, \$1,397,762 was for new buildings, and \$12,166 was for special purposes (see Schedule C). Of this sum, \$2,400,000 is payable out of the Mill Tax Fund and \$1,355,403 out of the General Revenue Fund. The balance in the Mill Tax Fund at the end of the quarter, allowing for outstanding warrants, was \$233,183. Uncollected taxes for 1929 and 1930 account for the unrealized difference.

*Budget Expenditures*

Board appropriations to departments for the current fiscal year total \$6,645,979, including salaries \$4,474,299 and expense and equipment \$2,171,680. These were 20.5 percent expended at the end of the quarter, and 2.4 percent encumbered (included in Schedule E). On the corresponding date a year ago these appropriations were 20.1 percent expended and 2.4 percent encumbered.

*Expendable Trust Funds*

Balances at the beginning of the year and receipts for the year on account of Expendable Trust and Special Funds arising from gifts and income from endowments totaled \$209,831, disbursements were \$62,035, encumbrances were \$3,040, leaving an unencumbered balance at the end of the quarter of \$144,756, per Schedule H.

*Endowment Funds*

Endowment funds from private gifts for special purposes (see Schedule G) amounted on September 30, 1931, to \$371,605.

*Student Loan Funds*

Student loan funds from private gifts as of September 30, 1931, totaled \$195,393, per Schedule A. Loans outstanding as of that date amounted to \$190,125, leaving \$5,268 available for loaning.

*Indebtedness on Property*

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totaling \$49,400 on the Dental Building in Chicago, due in 1932 (Schedule A).

LLOYD MOREY  
Comptroller

SCHEDULE A  
BALANCE SHEET AS AT SEPTEMBER 30, 1931  
ASSETS

<b>I. General and Building Funds</b>			
Cash with University Treasurer (Sch. C).....		\$1 057 375 54 <sup>1</sup>	
Petty Cash Funds.....		30 600 00	
Balances in State Appropriations (Sch. C) For Operation (Sch. D)			
Mill Tax.....	\$2 400 000 00		
Revenue.....	<u>1 355 402 84</u>	\$3 755 402 84	
For Buildings.....		1 397 762 05	
For Special Purposes.....		<u>12 165 88</u>	5 165 330 77
Accounts Receivable.....			32 438 41
Store and Service Departments Inventories (Sch. F).....			170 265 32
Unrealized Estimated Income (Sch. D)			
Smith-Lever, Hatch-Adams, Purnell, Cap- per-Ketcham, and Additional Cooper- ative Fund, U. S. Appropriations..		212 386 21	
Interest on Endowment (Land Grant of 1862).....		16 225 33	
State Board of Vocational Education (Smith-Hughes).....		16 000 00	
Fees.....		685 514 68	
Agricultural Sales.....		95 274 81	
Misc. Sources.....		75 202 86	
Creamery Surplus.....		<u>12 500 00</u>	1 113 103 89
			\$7 569 113 93
<b>II. Trust Funds</b>			
Cash with University Treasurer (Sch. C).....		152 483 96	
Notes Receivable.....		190 124 78	
Prepaid Insurance.....		336 77	
Investments			
Stocks and Bonds.....	325 297 61		
Land.....	<u>46 550 00</u>	371 847 61	714 793 12
<b>III. Endowment Fund</b>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<b>IV. Plant and Property</b>			
Plant and Property (July 1, 1931).....			27 378 271 57
<b>Total Assets</b> .....			<u>\$36 311 191 53</u>

## LIABILITIES AND SURPLUS

<b>I. General and Building Funds</b>			
Appropriation Balances (Sch. E)			
Encumbered.....	\$ 374 279 66		
Unencumbered.....	<u>6 507 738 34</u>	\$6 882 018 00	
Reserve for Petty Cash Funds.....		30 600 00	
Reserve for Stores.....		122 160 64	
Residence Hall and Hospital Balances.....		298 074 81	
Unappropriated Agricultural Income.....		16 461 47	
Unappropriated General Income (Reserve and Contingent Fund) (Sch. B).....		<u>219 599 01</u>	\$7 569 113 93
<b>II. Trust Funds</b>			
Expendable Funds (Sch. H)			
Encumbered.....	3 039 98		
Unencumbered.....	<u>144 755 76</u>	147 795 74	
Non-Expendable Funds (Sch. G).....		371 604 70	
Student Loan Funds.....		<u>195 392 68</u>	714 793 12
<b>Total Liabilities and Investment</b> .....			649 012 91
<b>III. Endowment Fund</b>			
<b>IV. Plant Liabilities and Investment</b>			
Dental Property Bonds.....		49 400 00	
Invested in Fixed Assets.....		<u>27 328 871 57</u>	27 378 271 57
<b>Total Liabilities and Surplus</b> .....			<u>\$36 311 191 53</u>

<sup>1</sup>Securities totaling \$1,079,800.00 have been deposited by the Treasurer to secure this balance.

SCHEDULE B  
STATEMENT OF RESERVE AND CONTINGENT FUND  
FOR THE QUARTER ENDED SEPTEMBER 30, 1931

Balance forward July 1, 1931.....		\$208 366 75	
<i>Add:</i>			
Budget Income 1931-32.....	\$6 779 873 07		
Biennium State Appropriation for Buildings....	1 400 000 00		
Adjustment to Appropriation Accounts - Bal- ances reappropriated (Medical Special Equip- ment—Anatomy Museum).....	23 17		
Lapsed 1930-31 Balances (Previously carried for- ward to cover encumbrances but not required)	28 82		
Adjustments and changes to Salary Budget Physi- cal Education for Men.....	400 00		
Adjustment to 1930-31 Income from Smith- Hughes Act.....	01	8 180 325 07	\$8 388 691 82
<i>Deduct:</i>			
Budget Appropriations 1931-32.....	6 731 275 41		
Changes and Adjustments to Budget Misc. Sal- ary Adjustments			
Dean of Women.....	\$ 200 00		
Publicity.....	200 00		
Liberal Arts and Sciences Admin- istration.....	2 500 00		
Chemistry.....	60 00		
English.....	500 00		
History.....	300 00		
Zoology.....	600 00		
Fine and Applied Arts Administra- tion.....	1 000 00	5 360 00	
Total Budget Appropriations.....		6 736 635 41	
Balance of Biennium State Appropriations for Buildings.....		1 400 000 00	
Special Appropriations made by Board of Trustees:			
In Meeting July 27, 1931			
President's Office Special Equip- ment (p. 384).....	1 200 00		
University Counsel (p. 385)....	400 00		
Freshmen Psychology Tests (p. 384).....	1 500 00		
Death Benefits (H. A. Hollister, D. 401).....	1 200 00		
In Meeting September 29, 1931			
Military Bands.....	150 00		
Death Benefits (Paul Ludolph)	300 00		
Boneyard Deepening.....	2 300 00		
Pennsylvania Ave. Abstract....	500 00	31 550 00	
Assignments to cover 1930-31 Encumbrances (Balance lapsed in error).....		907 30	
To reduce income from State Appropriations by the amount not expended for Power Plant Addition.....		10	8 169 092 81
Unappropriated Balance of Income September 30, 1931 (to Sch. A).....			<u>\$219 599 01</u>
From 1930-31 balance.....		175 961 35	
From estimated 1931-32 income.....		<u>43 637 66</u>	

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1931-32 TO SEPTEMBER 30, 1931

	Balance July 1, 1931	Receipts and State Appropriations	Disburse- ments	Balance Sept. 30, 1931 (See Sch. A)
<i>Funds in Possession of University</i>				
<i>Treasurer</i>				
General Fund.....	\$663 136 28	\$ 833 527 87	\$ 439 288 61	\$1 057 375 54 <sup>1</sup>
Trust Funds.....	108 375 99	147 147 64	103 039 67	152 483 96
<i>Total</i> .....	(771 512 27)	(980 675 51)	(542 328 28)	(1 209 859 50)
<i>State Appropriations</i>				
For Operation				
Salaries and Wages.....		3 675 000 00	937 552 43	2 737 447 57
Office Expense.....	5 837 53	150 000 00	34 684 99	121 152 54
Travel.....		35 000 00	7 452 25	27 547 75
Operation.....	3 993 04	500 000 00	96 481 30	407 511 74
Repairs.....	22 745 38	165 000 00	52 862 15	134 883 23
Equipment.....	21 690 89	315 000 00	67 088 66	269 602 23
Improvements.....	14 189 08	100 000 00	56 931 30	57 257 78
<i>Total, Operation</i> .....	(68 455 92)	(4 940 000 00)	(1 253 053 08)	(3 755 402 84)
For Buildings				
1931-33				
Medical and Dental Labora- tories (Second Unit)		1 400 000 00	2 237 95	1 397 762 05
1929-31				
Chemistry Annex.....	1 883 34		1 883 34	
Medical and Dental Labora- tories (First Unit)...	602 999 89		602 999 89	
Power Plant Addition....	7 083 86		7 083 86	
Woman's Gymnasium....	76 694 14		76 694 14	
<i>Total, Buildings</i> .....	(688 661 23)	(1 400 000 00)	(690 899 18)	(1 397 762 05)
For Special Purposes				
Agricultural Experiment Sta- tion, Cook County.....	941 97	15 000 00	3 776 09	12 165 88
<i>Total, State</i> .....	(758 059 12)	(6 355 000 00)	(1 947 723 35)	(5 165 330 77)
<i>Grand Total</i> .....	\$1 529 571 39	\$7 335 675 51	\$2 490 056 63	\$6 375 190 27

OPERATIONS OF STATE MILL TAX FUND  
FOR THE UNIVERSITY OF ILLINOIS  
JULY 1, 1931, TO SEPTEMBER 30, 1931

Vouchers issued in excess of available funds July 1, 1931.....	\$ 86 862 36*
Receipts to September 30, 1931.....	388 501 69
	301 639 33
Vouchers issued against Fund:	
Applied on 1930-31 University Budget.....	68 455 92
<i>Balance available September 30, 1931</i> .....	<u>\$233 183 41</u>

<sup>1</sup>Securities totaling \$1,079,800.00 have been deposited by the Treasurer to secure this balance.

\*Deduct.

SCHEDULE D  
REALIZATION OF INCOME FOR OPERATIONS  
1931-32 TO SEPTEMBER 30, 1931

	Budget Estimate	Realized to date	Unrealized to date
<i>State Funds</i>			
From Mill Tax .....	\$2 400 000 00		\$2 400 000 00
From General Revenue .....	2 540 000 00	\$1 184 597 16	1 355 402 84
<i>Total, State</i> .....	(4 940 000 00)	(1 184 597 16)	(3 755 402 84)
<i>Other Sources</i>			
Credited to Special Budget Income Accounts (Sch. A)			
From U. S. Treasurer			
Smith-Lever Fund .....	220 311 40	110 155 70	110 155 70
Capper-Ketcham Fund .....	38 461 01	19 230 50	19 230 51
Additional Extension Fund .....	31 000 00	15 500 00	15 500 00
Hatch-Adams Fund .....	30 000 00	7 500 00	22 500 00
Purnell Fund .....	60 000 00	15 000 00	45 000 00
<i>Total, Federal</i> .....	(379 772 41)	(167 386 20)	(212 386 21)
From State Treasurer			
Interest on Endowment Fund .....	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds .....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes) .....	16 000 00		16 000 00
From Student Fees .....	1 125 000 00	439 485 32	685 514 68
From Agricultural Sales .....	114 150 00	18 875 19	95 274 81
From Misc. Income .....	95 000 00	19 797 14	75 202 86
From Creamery Surplus .....	12 500 00		12 500 00 <sup>2</sup>
<i>Total, Credited to Special Budget Income   Accounts</i> .....	(1 824 873 07)	(711 769 18)	(1 113 103 89)
Credited Direct to Appropriation and Revolving Accounts			
From Agricultural Sales .....	108 772 00	22 541 73	86 230 27 <sup>1,2</sup>
From Other Income .....		4 533 84	4 533 84 <sup>1,2</sup>
<i>Total, Credited to Appropriation and Revolving   Accounts</i> .....	(108 772 00)	(27 095 57)	(81 676 43)
<i>Grand Total</i> .....	<u>\$6 873 645 07</u>	<u>\$1 923 461 91</u>	<u>\$4 950 183 16</u>

SCHEDULE E  
SUMMARY OF BOARD APPROPRIATIONS  
AS AT SEPTEMBER 30, 1931

	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General .....	\$ 473 402 97	\$ 103 865 63	\$ 13 532 89	\$ 356 004 45
Library .....	319 724 32	76 008 79	37 701 93	206 013 60
Liberal Arts and Sciences .....	1 236 557 22	242 564 10	8 927 99	985 065 13
Engineering .....	656 155 99	139 444 57	20 553 00	496 158 42
<i>Agriculture</i>				
University Appropriation .....	1 042 104 83	259 644 86	30 445 32	752 014 65
U. S. Extension .....	303 166 28	58 758 20	1 074 94	243 333 14
Graduate School .....	90 935 86	17 315 18	9 099 58	64 521 10
Journalism .....	32 896 36	7 038 18	228 47	25 629 71
Law .....	80 911 00	20 572 18	76 45	60 262 37
Library School .....	33 804 68	5 222 83	154 40	28 427 45
Military .....	30 370 63	2 766 63	139 50	27 464 50
Fine and Applied Arts .....	215 114 45	40 083 87	2 373 60	172 656 98
Education .....	198 559 07	35 477 25	2 448 53	160 633 29
Summer Session 1931 .....	47 018 95	45 096 14	2 00	1 920 81
Summer Session 1932 .....	43 064 48			43 064 48
Commerce .....	224 198 20	45 502 52	689 10	178 006 58
Physical Welfare .....	132 616 97	27 746 57	5 278 65	99 591 75
Maintenance .....	697 106 00	176 218 07		520 887 93
Medicine, Dentistry, and Pharmacy .....	956 159 93	200 649 78	27 183 74	728 326 41
<i>Sub-total</i> .....	(6 813 868 19)	(1 503 975 35)	(159 910 09)	(5 149 982 75)
<i>Land, Buildings, and Improve- ments</i>				
Special State Building Approp- riations .....	2 089 709 31	690 742 17	76 188 60	1 322 778 54
Other Appropriations .....	271 939 47	98 781 45	138 180 97	34 977 05
<i>Grand Total</i> .....	<u>\$9 175 516 97</u>	<u>\$2 293 498 97</u>	<u>\$374 279 66</u>	<u>\$6 507 738 34</u>

<sup>1</sup>Deduct.

<sup>2</sup>No budget estimate set up.

<sup>3</sup>Credited direct to revolving accounts, not carried as separate items on Balance Sheet.

<sup>4</sup>To be transferred from Creamery Operating Account, June 30, 1932.

SCHEDULE F  
SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT SEPTEMBER 30, 1931

	Balance July 1, 1931	Disburse- ments	Credits from Department Requisitions and Sales	Balance Sept. 30, 1931
Storerooms.....	\$113 816 48	\$ 89 162 22	\$ 83 834 31	\$119 144 39
Service Departments.....	790 39*	448 726 89	396 835 16	51 101 34
Revolving Accounts.....	418 21*	1 408 52	970 72	19 59
<b>Total.....</b>	<b>\$112 607 88</b>	<b>\$539 297 63</b>	<b>\$481 640 19</b>	<b>\$170 265 32</b>

SCHEDULE G  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT SEPTEMBER 30, 1931

	Total July 1, 1931	Additions	Total Sept. 30, 1931
Professorial and Lectureship Endowments.....	\$145 332 43		\$145 332 43
Scholarship, Fellowship, and Prize Endowments.....	84 857 77	\$ 20 000 00	104 857 77
Miscellaneous Endowments.....	120 400 54	100 00	120 500 54
Gains and Losses on Group Investments.....		913 96	913 96
<b>Grand Total.....</b>	<b>\$350 590 74</b>	<b>\$ 21 013 96</b>	<b>\$371 604 70<sup>1</sup></b>

SCHEDULE H  
SUMMARY OF EXPENDABLE TRUST FUNDS  
AS AT SEPTEMBER 30, 1931

	Total Credits	Disburse- ments	Encum- brances	Balance Sept. 30, 1931
Professorial and Lectureship Endowments In- come.....	\$ 3 596 40	\$ 1 536 14		\$ 2 060 26
Student Loan Endowments Income (subject to annuity).....	272 18	125 00		147 18
Scholarship, Fellowship, and Prize Endow- ments Income.....	3 950 71	1 078 00	\$ 15 30	2 857 41
Miscellaneous Endowments Income.....	3 592 64	375 92		3 216 72
Building and Improvement Gifts.....	620 54	22 30	20 50	577 74
Research Gifts.....	95 798 24	51 565 12	1 635 38	42 597 74
Scholarship, Fellowship, and Prize Gifts.....	13 089 63	1 199 43		11 890 20
Other Expendable Funds.....	33 503 08	4 551 05	17 30	28 934 73
Deposit Funds.....	55 407 41	1 582 13	1 351 50	52 473 78
<b>Grand Total.....</b>	<b>\$209 830 83</b>	<b>\$62 035 09</b>	<b>\$3 039 98</b>	<b>\$144 755 76</b>

APPENDIX  
STATEMENT OF MEMORIAL STADIUM FUND  
AS AT SEPTEMBER 30, 1931

Cash Balance July 1, 1931.....	\$1 042 33	
Receipts July 1 to September 30, 1931		
From Subscriptions.....	150 00	\$ 1 192 33
Disbursements July 1 to September 30, 1931		
Office Collection Expense.....	118 01 <sup>2</sup>	
Less: Refunded by Athletic Association.....	9 70	108 31
Cash Balance September 30, 1931.....		1 084 02
Advanced by Athletic Association for completion of stadium.....		26 500 00
Uncollected pledges.....		<u>\$482 355 69</u>

This report was received for record.

\*Deduct.

<sup>1</sup>Invested as follows:

  Special Investments (including Carter-Pennell Farms)..... \$252 159 87

  Group Investments..... 119 187 74

**Total Investments..... \$371 347 61**

**Uninvested Balance..... \$257 09**

<sup>2</sup>To be refunded by Athletic Association.

**GIFTS TO THE UNIVERSITY**

(14) The following report of gifts to the University received since the last report:

From the National Research Council \$2,000 to aid in the investigations which Professor H. F. Moore of the Engineering Experiment Station is conducting, under the joint auspices of the American Society of Mechanical Engineering and the American Society for Testing Materials, upon the effect of repeated stresses on nickel-chromium steels under high temperatures.

From Standard Brands, Incorporated, the sum of \$1,750.00 for the continuation of a study by the College of Medicine of the effect of yeast on the digestive tract. (Original gift accepted by the Board April 10, 1929, Minutes, page 161.)

From American Society for Testing Materials, the sum of \$1,000 for the continuation of an investigation of cast-iron pipe. (Original gift accepted by the Board October 12, 1927, Minutes, page 473, and a second gift from the Society accepted by the Board October 17, 1930, Minutes, page 98.)

From the Monsanto Chemical Works, the sum of \$1,000 for a special research assistantship in chemistry for research in high-pressure gas reactions for the year 1931-1932. (Original gift accepted by the Board October 17, 1930, Minutes, page 99.)

From Bauer and Black, the sum of \$750 for the establishment of a fellowship for x-ray research on materials used in the manufacture of surgical supplies. (Gift for year 1930-1931 accepted by the Board June 10, 1930, Minutes, page 605.)

From Institute of American Meat Packers the sum of \$500 for the continuation of an investigation of the growth of and toxin formation by *Clostridium botulinum* in certain canned meat products. (Original gift accepted by the Board September 18, 1929, Minutes, page 358.)

From American Concrete Institute the sum of \$445.20 for the continuation of an investigation on reinforced concrete columns. (Original gift accepted by the Board on February 5, 1930, page 509.)

This report was received for record.

**GIFT FROM THE CHEMICAL FOUNDATION**

(15) At the meeting of the Board on June 26, 1931, (Minutes, page 371) a report was made of the gift of \$625 from the Chemical Foundation of New York to help finance the completion of the work of Professor Roger Adams on synthetic preparations to replace chaulmoogra oil in the treatment of leprosy. This report should have read \$2500; the \$625 which was received at that time was the first payment of the full amount.

This report was received for record.

**OFFER OF FORESTRY TRACT FROM MRS. A. N. ABBOTT**

(16) Mrs. A. N. Abbott of Morrison, Illinois, offers the University a tract of approximately fifty-five acres of land known as the Abbott Forestry Tract in Whiteside County which her late husband, Alfred N. Abbott, developed as a forestry experiment. This is the same land which Mr. Abbott offered to sell the University two or three years ago. The Dean of the College of Agriculture recommends that the University accept this land to be used by the Agricultural Experiment Station as an experimental and demonstrational forestry area. The acceptance of this property would involve an expenditure of approximately \$700 to fence the property and do some clean-up work. He estimates that after the first year the maintenance would not cost more than \$350 a year.

On motion of Mr. Blair, this matter was referred to the President of the University for consideration and report.

On motion of Mr. Trees, President Chase was requested to make a survey of university activities away from the University and to report to the Board.

**APPOINTMENT OF PLYM FELLOWSHIP COMMITTEE**

(17) A report that the following architects have been appointed as members of the Plym Fellowship Committee for 1931-1932:

Mr. Clarence W. Farrier, President, American Institute of Architects,  
Administration Building, A Century of Progress, Chicago, Illinois.  
Mr. Howard L. Cheney, 160 North LaSalle Street, Chicago, Illinois.

Mr. Robert C. Ostergren, President, Illinois Society of Architects, 155  
North Clark Street, Chicago, Illinois.

Mr. J. C. Llewellyn, First National Bank Building, Chicago, Illinois.

Professor L. H. Provine, *ex officio*, Head of the Department of Architecture.

On motion of Mr. Trees, this action was confirmed.

#### OCTOBER DEGREES

(18) A request for authority to confer degrees on candidates recommended by the University Senate at its meeting on October 5, 1931:

#### GRADUATE SCHOOL

##### Degree of Master of Arts

##### In Classics

SARAH MARGARET REBMAN, A.B., Ottawa University, 1918

##### In Chemistry

HERBERT EDMUND CARTER, A.B., DePauw University, 1930

LESTER WILLIAM SMITH, A.B., Albion College, 1926

##### In Economics

THOR WILLIAM BRUCE, A.B., Lawrence College, 1923

GORDON DAVIDSON BRYAN, A.B., 1930

JAMES ARTHUR COBLE, A.B., 1930

ALICE THERESA WALL, B.S., 1929

##### In Education

GEORGIA FIOCK ADAMS, A.B., 1926

BAYARD GARFIELD ALPS, A.B., Colorado College, 1920

JOSEPH VICTOR AXELSON, A.B., Wheaton College, 1925

RAY DEWITT BRUMMETT, B.S., 1924

LEIGH VIVIAN FINLEY, B.S., University of Missouri, 1918

WALTER BERTRAM HUGHES, B.S., 1929

RALPH WILLIAM JACKSON, B.S., 1920

MILDRED JAMES KUNTZ, A.B., 1926

WILLIAM RENWICK LOWER, A.B., Muskingum College, 1909

MARSHALL ATKINSON NEWNUM, A.B., Indiana University, 1925

SUSIE E. OGDEN, B.Ed., Southern Illinois State Normal University, 1929

WALTER SCOTT RENNER, B.S., 1925

JOHN JOHNSON SWINNEY, A.B., William Jewell College, 1920

HOMER CHARLES TORREYSON, A.B., Hedding College, 1922

AMY W. TURRELL, A.B., Colorado State Teachers College, 1915

ALLEN CHARLES TYLER, B.S., Bradley Polytechnic Institute, 1926

HARRIETT ELIZABETH LYON VANARSDALL, B.Mus., 1928

ARBON READ WETZEL, B.Ed., Western Illinois State Teachers College, 1925

JOSEPH MORTON WOODDELL, B.S., Ohio University, 1926

ABRAHAM WRIGHT, Ph.B., Shurtleff College, 1921

##### In English

CATHERINE STILLMAN COSSUM, Ph.B., Shurtleff College, 1930

LLOYD ROLLAN DEWITT, A.B., 1925

MABEL LOUISE FALBERG, B.Ed., Western Illinois State Teachers College, 1926

HILDA MAE FORREST, A.B., Western Kentucky State Teachers College, 1929

ZELMA LARGE HOUSER, A.B., 1911

MILDRED ALICE MARTIN, A.B., 1929

CHARLES NEELY, JR., B.Ed., Southern Illinois State Normal University, 1927

SISTER MARY EVELYN WALSH, Ph.B., St. Xavier College, 1925

MAURINE JOYCE SMITH, A.B., Illinois State Normal University, 1930

MARION WAGGONER, A.B., 1922

##### In German

MARIE FRANCES SEEGER, A.B., 1930

## In History

- IRIS GERTRUDE BAILEY, A.B., Illinois Woman's College, 1930  
 KARL CHRISTIAN DOD, A.B., 1930  
 WELDON MAURICE HADAWAY, A.B., 1930  
 HELEN KATHERINE KERR, A.B., Illinois Wesleyan University, 1924; B.Ed., Illinois  
 State Normal University, 1926  
 JOSEPH McADAM, Ph.B., University of Chicago, 1928  
 EVELYN LOUISE STEKETEE, A.B., Hope College, 1930

## In Home Economics

- FLORENCE MARGARET ROY, A.B., 1930

## In Library Science

- GLADYS FORD PRATT, A.B., Mt. Holyoke College, 1914

## In Mathematics

- HENRY CARLTON AHALT, B.S., E.E., Virginia Polytechnic Institute, 1923, 1925  
 GRACE LEE McCLELLAND, A.B., 1926

## In Physics

- WATT MYERS, JR., A.B., North Central College, 1930

## In Psychology

- GLEN FINCH, A.B., DePauw University, 1930

## In Romance Languages

- MARGARET ADELA CONDON, B.S., 1920  
 JOHN HERBERT UTLEY, A.B., Indiana University, 1926

## Degree of Master of Science

## In Accountancy

- WILLIAM HARRY STOUT, B.S., 1930

## In Architecture

- ROWLAND RATHBUN, B.S., 1928

## In Chemistry

- JAMES WILBER BIRD, A.B., 1930  
 JOHN LESTER GABBY, A.B., 1930  
 RICHARD MARSTON LAWRENCE, B.S., University of California, 1926

## In Civil Engineering

- HENRY ELBERT DEW, B.S., Texas Agricultural and Mechanical College, 1929

## In Economics

- HERBERT WALKER CRAIG, JR., A.B., 1928  
 ROBERT WALLACE MAYER, B.S., 1930  
 BARENT SPRINGSTED, JR., B.S., 1930

## In Education

- EDWIN HESTER ARFORD, B.S., 1927  
 RUTH EVALINE BLACKBURN, B.S., 1925  
 WENDELL EUGENE CANNON, B.S., 1928  
 CONRAD FRENCH HAMILTON, B.S., Franklin College, 1919  
 MARY RUTH LEMAY, B.S., Illinois Wesleyan University, 1922  
 JOSEPH LEROY PICARD, B.S., 1927  
 BERT LYNDON REEVES, B.S., 1926  
 MARTHA ANNE ROBERTS, B.S., 1928  
 EMMY SELDON SIMMONDS, B.S., 1923  
 FRANK P. TILLMAN, A.B., University of Missouri, 1913  
 CLARENCE EMORY VANCE, B.S., 1925

## In Electrical Engineering

GORDON STANDISH MARVIN, B.S., 1930

## In Farm Organization and Management

SEIGEL ALVIN ANDERSON, B.S., 1927

DALE CLARKE KIEFFER, B.S., Michigan State College, 1930

RUSSELL GROVES TRUMMEL, B.S., 1925

## In Home Economics

ANNA EMELINE WILLIAMS, A.B., DePauw University, 1929

## In Mathematics

EMMERT DENZILL HILDERBRAND, A.B., Franklin College, 1915

## In Physics

BENJAMIN FERRIS CARTER, B.S., Beloit College, 1930

## In Zoology

JOHN SEVIER DOLLEY, B.S., McKendree College, 1930

## Degree of Master of Science

(Conferred in Chicago)

## In Pharmacology

WILLIAM CLAY DINE, JR., B.S., 1930

## In Physiological Chemistry

ESTHER FLORENCE TEETERS, A.B., Tri-State College, 1920; A.B., 1925

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

## In Liberal Arts and Sciences

GEORGE HAROLD ASHLINE, JR.

GEORGE ALLEN BERTELSMAN

BOOKER TALIAFERRO BLACKWELL

EVELYN MAE BOSENBURY

JULMA VIOLET BROWN

EARL CLIFFORD BUCHER, with Honors in  
Chemistry

CLIFFORD LESLIE CARROLL

CHARLES WILLIAM CONRAD

THEODOR JAMES COOPER

CLIFFORD ARMSTRONG DAVIDSON

HERBERT WILLIAM DEY

CHARLES FREDERICK DICKINSON, JR.

ALFRED FRANK FINKL

JAMES WILLIAM GARRITY

HAROLD LORENZ GEIS

LEONARD MELVIN HART

WILLIAM WOLFF HEITLER

HERBERT LUFBURY HOWE

CHARLES EVERETTE HUNDLEY

ALBERT HARM KLEEN

BERNARD CORNELIUS MAYBERRY

HARRY AMOS MAYHEW

LONDON GEORGE MIDDLETON

DORIS LOUISE MORROW

OLIVE JOSEPHINE PFANDER

ALICE ROWENA POWELL

FRANKLIN FREDERICK PREMUDA

JOSEPH C. RAFILSON

FLORA LEE RAMSEY

JOSEPH RICH

WILLIAM RICHARDS, with Honors in  
English

VANDA BLISS SAVAGE

HELEN NANCY SCHOONOVER

HENRY NUCKOLLS SCHUMACHER

ROGER ROSS SPARKS

ROBERT DALE STEIN

WARREN LINDSAY WOOD

## Degree of Bachelor of Science

## In Liberal Arts and Sciences

WALTER ANTON CARLSON

JAMES MARTIN CROSS

MARY ANN MARTHA DIXON

JEROME GREENBLAU

LOUIS C. McCABE

MAX PAUL STALEY

## In Chemistry

CURTIS ERDMUND MEYER

## In Chemical Engineering

CYRIL JOSEPH HEINTZ

EDWARD VACHERLON

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

## In Accountancy

ARLENE JOSEPHINE BECK  
HARVEY HALLBERG CORYDON

CHARLES JOSEPH JONES

## In Banking and Finance

DELLA CURTISTINA SETTLES

## In Commerce and Law

ROBERT JOHN JOHNSTON

## In General Business

JOSEPH JAMES CERNY  
ROBERT PETRONIUS CORNELIUS  
SISTER MARY MICHAEL FLYNN  
GILBERT GELLER  
CHARLES HARLISS JOHNSON  
ROBERT LALUMIER KLAUSHSIEN-CHANG LING  
CLYDE WILLIAM LYON  
RALPH LANE MABRY  
DON ALONZO MATHIEWS  
ERNEST NORMAN RUBEL, JR.  
BENJAMIN MAX SHERMAN

## In Industrial Administration

ROBERT SHERIDAN HALDEMAN, JR.

## In Accounting and Banking and Finance

ROBERT NORD FAGERBURG

SAMUEL WILLIAM McWILLIAMS

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

## In Education

NELLIE DELILLIAN BOND  
KIRBY LEE BRAWNER  
WALTER EUGENE BRINN, JR.  
BERNICE LILLIAN BURROUGHS  
SOTERO CACANINDIN  
RAYMOND CLARK CARSON  
HAROLD ULLRICH CHALLAND  
MARGARET EVA CHYNOWETH  
ROSE MARGARET CRUNICAN  
DOROTHY GENEVIEVE DIXON  
ALBERTA BLANCHE FOX  
THEODORE CASPER HESMER  
FLORENCE MARGARET HOLSTLAW  
FRANKLIN SAMUEL HUNSAKER  
DORIS ELEANOR JACK  
JANICE JUERGENSEN  
JAMES FRED KARBER, with Honors in  
History  
HOWARD EMMETT KASCHJOHN RALPH KEITH  
LORENE ESTHER LAINGOR  
FLORENCE LEIBOVITZ  
VERNE ALEXANDER McDERMONT  
HERBERT BLAIR McINTIRE  
MATTIE PRITCHARD MILES  
ROBERT REGINALD PAGE  
EUNICE ROSE PECIVAL  
LOUIS RABE  
NELLE KENNEY RAVER  
WILLIAM HENRY RIGGS  
GEORGE ALBERT SHANNON  
GAYLORD DON TATE  
GERALD YATES TRIMBLE  
HARRIETT LYON VANARSDALL  
MIRA B. VOELKEL  
SUMNER GIBSON WEBB  
ELMER T. WILSON  
FALODENE WINTERS

## In Music Education

CLARA JANE DIPPPELL  
DOROTHY LILLIAN DREWS

URSULA BARBARA HAMPEL

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

## In Architecture

EVERETT BERNARD HULSEBUS

## In Architectural Engineering

VERNIE CLIFFORD SWANSON

## In Civil Engineering

HENRY CARL LANE  
HANS PETTER PETERSENEDWIN FRANK STEEVE  
KENNETH EVERETT TRIPP

## In Electrical Engineering

HOWARD FRANCIS BROWN  
ROY FRED KARNUTHPAUL GEORGE PELNAR  
EVERETT JOSEPH RAUSHENBERGER

## In Mechanical Engineering

ALBERT EMILE PERRET

HENRY EDWARD SHUGARS

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## In Agriculture

LLOYD DAVID GRAHAM  
JOHN WILLIAM SEDLACK

TSUNG TUNG TSUI

## In Home Economics

SARAH IRENE JACOBS  
GENEVIEVE ROBINSON

RUTH LOIS VILLARS

## SCHOOL OF JOURNALISM

## Degree of Bachelor of Science

CHARLES BERNARD EHNBOEN

## COLLEGE OF LAW

## Degree of Bachelor of Laws

FREDERIC JAMES LEE

LLOYD ALLAN WATT

## COLLEGE OF MEDICINE

## Degree of Bachelor of Science

## In Medicine

HARRY S. BEZMAN  
FRANCIS ANTHONY CIRRINCIONE  
SAM SIGMUND GITTELESTEINALFRED NEFSKY  
WILLARD EDWIN SHINGLMAN

## COLLEGE OF DENTISTRY

## Degree of Bachelor of Science

JAMES GAGNON

## Degree of Doctor of Dental Surgery

WILLIAM CHASAN  
JAMES DE BIASE  
THADDEUS SAKOWSKICHARLES SARSOUN  
ALLEN SHIRLEY

On motion of Mrs. Hopkins, these degrees were granted.

## SIZE AND FORM OF DIPLOMAS

(19) A recommendation that the size of the diploma be reduced, that the wording be simplified, and that the diplomas be delivered to the recipients in folders.

On motion of Mr. Blair, this recommendation was approved in principle, and the President of the University was requested to submit a detailed sketch of the new form to the Board.

**WOMAN'S RESIDENCE HALL**

(20) A letter from Mr. Paul G. Busey, and a statement concerning the proposed new unit of the Woman's Residence Hall (see page 445).

On motion of Mr. Trees, the action of September 29, 1931, authorizing the Supervising Architect to take bids on the construction of this unit of the Residence Hall, was rescinded, and consideration of the matter was deferred to a later date.

At this point, the order of business was suspended and reports of committees were received.

**PURCHASE OF DENTAL BUILDING BONDS**

Mr. Trees, for the Finance Committee, presented a recommendation that the Treasurer be authorized and instructed to purchase \$1000 of Dental Building bonds, and that the bonds be cancelled and retired.

On motion of Mr. Trees, this recommendation was adopted, and an appropriation of \$1030 was made from the Reserve and Contingent fund for the purchase, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Williams.

**COMPENSATION OF THE TREASURER**

Mr. Trees, for the Finance Committee, made a report of progress on the study of the method of providing compensation for the Treasurer.

**RETIRING ALLOWANCES AND DEATH BENEFITS**

Mr. Trees, for the Finance Committee, made a report of progress on the study of the method of financing the system of retiring allowances and death benefits.

**RELATIONS WITH THE ATHLETIC ASSOCIATION**

Mr. Trees, for the Finance Committee, reported a recommendation that the Athletic Association be associated more closely with the University.

On motion of Mr. Trees, and in view of the report submitted by Judge Johnson, it was voted to place this matter in the hands of the President of the University for study and report in the near future.

**FURNISHING AND FINISHING PRESIDENT'S HOUSE**

Professor White presented a request for an appropriation of \$5000, or so much thereof as may be necessary, for the final items of furnishing and finishing the President's house.

On motion of Dr. Noble, this appropriation was made from the Reserve and Contingent fund by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Williams. The expenditure of this fund was placed under the direction of the Supervising Architect.

At this point, Mr. Trees withdrew.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**APPROPRIATION FOR MILITARY BARN**

(21) A report from the Supervising Architect that on October 22 at 11:10 p.m. a fire started in a barn used by the Military Department, destroying seventy tons of baled hay and damaging the building which is of steel frame construction with roof and side walls of asbestos and corrugated iron. The building damage is estimated at \$2500 and the hay loss (which is the Government's loss) at \$1000.

I recommend that an appropriation of \$2500, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the restoration of this building.

On motion of Mrs. Hopkins, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble; no, none; absent, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Trees, Mr. Williams.

**APPROPRIATION FOR PHYSICAL PLANT  
EXTENSION PROJECTS**

(22) A recommendation that an appropriation of fifteen thousand dollars, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to supplement the appropriation made for Physical Plant extension for the year 1931-32, to finish up the following projects:

Partitioning off additional space for the University Press.....	\$ 325 00
Pump house for the new well.....	3 500 00
Walks, drives, and finish grading at the Woman's Gymnasium	6 000 00
Cases for the storage of archaeological material.....	411 00
Mats for the rifle range.....	300 00
Acoustical correction in the Band Building.....	700 00
Equipping the basement room in Music Building.....	750 00
Chlorinator and pump for the Power Plant.....	2 300 00
Furniture.....	714 00
<i>Total</i> .....	<u>\$15 000 00</u>

On motion of Mr. Armstrong, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Hopkins, Dr. Noble; no, none; absent, Mr. Emmerson, Mrs. Evans, Mrs. Grigsby, Mr. Trees, Mr. Williams.

**ASSIGNMENT OF PATENT TO UTILITIES  
RESEARCH COMMISSION**

Mr. Barrett presented the following report of the Committee on Patents, and stated that Mr. Williams had written him an expression of approval of the report.

August 5, 1931

Your Committee on Patents has considered a proposal made by the Utilities Research Commission concerning the commercial development of patents which have been or may be obtained on discoveries made in the course of a cooperative investigation concerning the elimination of sulphur fumes in stack gases. The Committee has approved the proposal and recommends that the Board accept it with the following reservations:

*1st:* In the event the Commission willfully or without just cause neglects to prosecute the researches and develop the possibilities of the discoveries relating to the elimination of sulphur fumes in stack gases in order to perfect these discoveries, then the Board of Trustees of the University of Illinois may demand and shall be entitled to reassignment of all of the patents assigned to them, and this agreement shall be considered cancelled.

*2nd:* That all royalties shall be collected upon a reasonable basis from whomsoever the discoveries may be exploited commercially, whether constituent corporations, or not.

The discoveries likely to be made and the patent already obtained are of such a nature that the public generally will have little or no substantial interest therein. Your Committee believes that it is in keeping with the policy of the Board concerning

patents, and particularly with subdivision (f) of Section 28 of Extracts from the Laws of the Board of Trustees, to accept the proposal and make the assignment in consideration of the agreement of the Commission to develop the discoveries commercially and to pay a royalty of twenty-five per cent to the University. The Commission agrees not to use or to exploit the discoveries in any manner detrimental to whatever interest the general public may have therein.

J. W. ARMSTRONG

EDWARD E. BARRETT

*Chairman*

July 24, 1931

*Hon. Edward E. Barrett, Chairman, Patent Committee*

DEAR MR. BARRETT:—

The research work of this Commission's Case No. 34, relating to the elimination of sulphur fumes in stack gases, will soon reach a stage where the work should be discontinued or prosecuted further with a considerable outlay of money. The Commission therefore submits herewith a proposition to define and conserve the interest of the University and the interest of the Commission in this Case, and to justify any further outlay of money.

Very truly yours,

W. L. ABBOTT

*President*

Proposal of Utilities Research Commission, Inc., to the Board of Trustees of the University of Illinois in the matter of the research project concerning elimination of sulphur fumes in stack gases:

1. That the Board of Trustees assign any rights it may have in any discovery which has been protected by a patent or patents, and which was made in the course of the investigation concerning the nature, effect, and prevention or elimination of stack gases.

2. If any patentable discoveries be made during the course of such investigation as may be conducted under any existing research agreement, or extension thereof, patents thereof will be taken in the name or names of the University agents concerned in making them, and the interest in such patents assigned to the Utilities Research Commission, subject to the conditions of this proposal.

3. The Utilities Research Commission, when, and if, an assignment is made, as suggested in paragraph 2 herein, will make such substantial outlay as may be warranted for the purpose of developing the discovery to a point where it will be possible to determine whether the same has any value, commercial or otherwise. The Utilities Research Commission will pay to the University of Illinois twenty-five per cent of any and all royalties, license fees or compensation of any sort whatsoever which it may receive under any and all agreements of license for use of such discovery. The Commission will not enter into any such licensing or royalty agreement for the use or development of the discoveries without first consulting with the Board of Trustees of the University or with its Committee on Patents.

4. That while any discoveries that may hereafter be made concerning the elimination of sulphur fumes in stack gases are almost certain to be of such a character that the public generally will not have a substantial interest therein or concern therewith, yet if the contrary should turn out to be the case, the Commission pledges that no such discovery will be used or exploited, in so far as the Commission may have control over the same, so as to prejudice the public interest.

UTILITIES RESEARCH COMMISSION, INC.

By W. L. ABBOTT

*President*

On motion of Mr. Barrett, this report was adopted, and the officers of the University were authorized to execute a proper contract embodying the recommendations of the report, and to present the contract for approval at the next meeting of the Board.

**ALUMNI FOUNDATION**

Mr. Armstrong reported that the special committee on the Alumni Foundation had met with the committee of the Alumni, and that the latter committee had asked for more time.

This report was received for record.

**FINANCING OF DORMITORIES FOR MEN**

Dr. Noble presented the following report.

Minutes of the Meeting of October 24, 1931, of the Special Committee to investigate and report ways and means of financing dormitories for men, appointed by the President of the Board of Trustees on June 26, 1931.

Present: Dr. W. L. Noble, Chairman, Mr. E. E. Barrett, and Mrs. Helen M. Grigsby, members of the Committee; President Chase, and Professor James M. White, Supervising Architect.

1. The need for men's dormitories is outlined in a report of a special committee which was appointed January 4, 1928, which reported February 14, 1928 (Minutes, p. 555), and was discharged, and in a report submitted by a Special Committee for financing the erection of dormitories for men, which was appointed January 11, 1930, and which submitted its report was discharged at the meeting of the Board on February 5, 1930. A copy of this report is attached as Exhibit "A" (Minutes, February 5, 1930, p. 520).

In the spring of 1930 the office of the Dean of Men made an investigation of the living conditions of students in the Twin Cities. Two of the tabulations from this report are included under Exhibit "B". The second shows that about 2000 students are living in residences housing two or more students, and the first shows that one-third of these residences do not provide good living conditions.

The Results of a Study of Student Living Costs at the University was published in University of Illinois bulletin No. 27, dated March 15, 1927, attached and marked Exhibit "C" and shows quite clearly comparative living costs in organized and unorganized houses.

2. The method of financing men's dormitories as adopted by the University of Wisconsin is outlined in Exhibit "D".

Other methods usually involve deeding the ground to a financing corporation which contracts to erect a building. After completion, the property is deeded to the University subject to a mortgage, under an agreement for the payment of a definite sum per annum over a period of years to liquidate same.

Following a discussion of the methods of financing men's dormitories, your Committee recommends that such dormitories be built by direct state appropriations.

Your Committee further recommends that the Supervising Architect be instructed to prepare preliminary studies for a first unit of a group of men's dormitories to cost, completely furnished, \$500,000.

Respectfully submitted,

EDWARD E. BARRETT

W. L. NOBLE, *Chairman*

*Committee on Men's Dormitories*

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

**EXPRESSION OF GOOD WILL TO MRS. EVANS AND MR. WILLIAMS**

On motion of Mr. Blair, the President of the Board was requested to write letters to Mrs. Evans and Mr. Williams, expressing the good will of the Board to them in their illness.

**NOVEMBER MEETING**

On motion of Mr. Armstrong, it was voted to hold the November meeting in Urbana, at 10 o'clock a.m. on Monday, November 16, 1931.

### APPOINTMENTS MADE BY THE PRESIDENT

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

Almy, G. M., Associate in Physics, for one year beginning September 1, 1931, at a cash compensation of two thousand eight hundred dollars (\$2800) (this supersedes his previous appointment). (October 2, 1931)<sup>1</sup>

Aspern, Dorothy, Junior Stenographer in the Bureau of Business Research, beginning September 14, 1931, and continuing until September 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 14, 1931)

Baker, Clarence Edward, Associate in Horticulture, in the Agricultural Experiment Station, beginning October 1, 1931, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (October 26, 1931)

Barthel, Verne B., File Clerk in the Department of Administration, in the Agricultural Extension Service, beginning October 15, 1931, and continuing until August 31, 1932, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 14, 1931)

Bartlett, J. H., Jr., Assistant Professor of Theoretical Physics, for one year beginning September 1, 1931, at a cash compensation of three thousand three hundred dollars (\$3300) (this supersedes his previous appointment). (October 2, 1931)

Blank, Hazel, Technician in the Hospital Laboratory, in the College of Medicine, for eleven months beginning October 1, 1931, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (October 17, 1931)

Brock, F. H., Assistant in Chemistry, on two-thirds time, for nine months beginning October 1, 1931, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes his previous appointment). (October 14, 1931)

Brown, C. David, Assistant in Surgery, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (October 13, 1931)

Dahlenburg, Lyle M., Junior Accountant in the Business Office, on four-fifths time, for eight months beginning October 1, 1931, at a cash compensation at the rate of one hundred thirty-three dollars thirty-three cents (\$133.33) a month, and for three months beginning June 1, 1932, at a cash compensation at the rate of one hundred sixty-six dollars sixty-six cents (\$166.66) a month (this supersedes his previous appointment). (October 13, 1931)

DeLargy, P. L., Instructor in Philosophy, for ten months beginning September 1, 1931, at a cash compensation of two thousand four hundred dollars (\$2400) (this supersedes his previous appointment). (September 28, 1931)

Drueck, Charles, Jr., Assistant in Surgery, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (October 13, 1931)

Duffey, Mrs. Florence Belshaw, Research Assistant in Foods, in the Department of Home Economics, in the College of Agriculture, on one-half time, beginning October 20, 1931, and continuing until June 30, 1932, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 26, 1931)

Fierke, M. L., Special Research Assistant in Chemistry, on one-half time, for eleven months beginning September 15, 1931, at a cash compensation of eight hundred twenty-five dollars (\$825). (October 14, 1931)

Gernon, John, Assistant in Urology, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (October 13, 1931)

Goatley, Gertrude E., Switchboard Operator and Stenographer, in the Chicago Business Office, for eleven months beginning October 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 2, 1931)

Gray, A. R., Assistant in Chemistry, on two-thirds time, for nine months beginning October 1, 1931, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes his previous appointment). (October 14, 1931)

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

Horne, William Henry, Assistant in Chemistry, on one-fourth time, for four months beginning October 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 14, 1931)

Houston, Mildred, Stenographer in the College of Engineering, for ten months beginning November 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (October 28, 1931)

Irvine, Olive M., Social Worker in the Department of Psychiatry, in the College of Medicine, beginning October 9, 1931, and continuing until September 1, 1932, at a cash compensation at the rate of two hundred dollars (\$200) a month. (October 14, 1931)

Jordan, Stanley Robert, Instructor in Electrical Engineering, in the College of Engineering, for four months beginning October 1, 1931, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (October 14, 1931)

Kadow, Kenneth John, Assistant in Pomology, in the Agricultural Experiment Station, for ten months beginning November 1, 1931, at a cash compensation at the rate of one hundred thirty-three dollars thirty-three cents (\$133.33) a month. (October 26, 1931)

Lambert, Claude N., Instructor in Orthopedics, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1931, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 30, 1931)

Lehman, M. R., Assistant in Chemistry, on two-thirds time, for nine months beginning October 1, 1931, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes his previous appointment). (October 14, 1931)

McMillan, John Charles, Jr., Assistant in Medicine, in the Department of Internal Medicine, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (September 30, 1931)

McNally, Andrew, Assistant in Urology-Surgery, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (October 13, 1931)

Mallin, Isadore, Resident in the Department of Neurology and Psychiatry, in the College of Medicine, for nine months beginning October 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 13, 1931)

Mertz, E. T., Assistant in Chemistry, on one-third time, for nine months beginning October 1, 1931, at a cash compensation at the rate of forty dollars (\$40) a month (this supersedes his previous appointment). (October 14, 1931)

Neiman, Benjamin Harold, Assistant in Anatomy, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (October 13, 1931)

Peters, Howard Chester, Assistant in Physiology, in the College of Medicine, on one-half time, for ten months beginning October 1, 1931, at a cash compensation of five hundred dollars (\$500). (October 14, 1931)

Pinkerton, R. D., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 30, 1931)

Rainey, Evelyn, Stenographer and Record-keeper, in the Department of Horticulture, in the Agricultural Experiment Station, for ten months beginning November 1, 1931, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 28, 1931)

Rubin, H. H., Assistant in Anatomy, in the College of Medicine, for four months beginning October 1, 1931, without salary. (September 30, 1931)

Schilz, C. E., Assistant in Chemistry, on two-thirds time, for nine months beginning October 1, 1931, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes his previous appointment). (October 14, 1931)

Schreiber, R. S., Assistant in Chemistry, on one-third time, for nine months beginning October 1, 1931, at a cash compensation at the rate of forty dollars (\$40) a month (this supersedes his previous appointment). (October 14, 1931)

Schultz, Louis, Professor of Oral Surgery, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (October 14, 1931)

Searle, N. E., Assistant in Chemistry, on one-third time, for nine months beginning October 1, 1931, at a cash compensation at the rate of forty-seven dollars fifty cents (\$47.50) a month (this supersedes his previous appointment). (October 14, 1931)

Slatter, Ervin Edwin, Assistant in Animal Pathology, in the College of Agriculture, and in the Agricultural Experiment Station, for eleven months beginning

October 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (October 20, 1931)

Sohl, W. E., Assistant in Chemistry, on one-third time, for nine months beginning October 1, 1931, at a cash compensation at the rate of forty-seven dollars fifty cents (\$47.50) a month (this supersedes his previous appointment). (October 14, 1931)

Stoughton, R. W., Assistant in Chemistry, on two-thirds time, for nine months beginning October 1, 1931, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this supersedes his previous appointment). (October 14, 1931)

Stuart, Carroll W., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for nine months beginning October 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 30, 1931)

Thurston, J. T., Assistant in Chemistry, on one-half time, for four months beginning October 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 14, 1931)

Wolf, Alexander, Assistant in Medicine, in the Department of Internal Medicine, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (September 30, 1931)

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

GEORGE A. BARR

*President*

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

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**November 16, 1931**



The November meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Monday, November 16, 1931. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Williams.

President Chase was present; also, during part of the day, Dean Davis, Judge Johnson, and Professor White.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**LEAVES OF ABSENCE**

(1) A recommendation that sabbatical leaves of absence on half salary, under the rules, be granted the following members of the staff for 1932-33:

Associate Professor W. F. SCHULZ of the Department of Physics  
Assistant Professor EDWARD BERMAN of the Department of Economics.

On motion of Dr. Noble, these leaves were granted.

**LEAVE OF ABSENCE FOR PROFESSOR MORROW**

(2) A recommendation that sabbatical leave of absence be granted to Professor G. R. Morrow, of the Department of Philosophy, for the academic year 1932-33. Professor Morrow has been at the University three years.

On motion of Mr. Williams, this leave was granted (on the ground that an understanding on this matter was arrived at when Professor Morrow came to the University).

**LEAVE OF ABSENCE FOR MR. D. A. ALBRECHT**

(3) A recommendation that the sick leave with pay previously granted Mr. D. A. Albrecht, Instructor in Farm Mechanics, be extended to January 1, 1932, with the provision that any expenses to which the Department is put to take care of his work will be deducted from his salary.

On motion of Mr. Barrett, this leave was extended.

**APPOINTMENT OF PROFESSOR W. A. OLDFATHER AS CHAIRMAN OF THE DEPARTMENT OF CLASSICS**

(4) The members of the Department of Classics of professorial rank have requested a change in the status of that Department from a headship basis to a departmental organization with a chairman. I recommend that this request be approved and that Professor William Abbott Oldfather be appointed chairman of the Department. This procedure is in accordance with the new statutes of the University.

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

**CONTRACT WITH UTILITIES RESEARCH COMMISSION FOR DEVELOPMENT OF ELIMINATION OF SULPHUR FUMES IN STACK GASES**

(5) A contract drawn up by the University Counsel between the University and the Utilities Research Commission providing for the assignment and commercial development of a discovery for the elimination of sulphur fumes in stack gases covered by United States Patent Office Application of H. F. Johnstone, Serial No. 500684. This contract follows the proposal made by the Utilities Research Commission and the conditions under which this proposal was accepted by the Board of Trustees at its meeting on October 30.

**AGREEMENT**

Agreement between the Board of Trustees of the University of Illinois, party of the first part, hereinafter called the University, and the Utilities Research Commission, Inc., party of the second part, hereinafter described as the Commission, a corporation with principal offices in Chicago, concerning the assignment and commercial development of a discovery for the elimination of sulphur fumes in stack gases, covered by United States Patent Office Application of H. F. Johnstone, Serial No. 500684.

1. The University agrees to assign to the Commission any rights it may have in any discovery which has been protected by a patent or patents, and which was made in the course of the investigation concerning the nature, effect, and prevention or elimination of stack gases, above mentioned.

2. The University further agrees that if any patentable discoveries be made during the course of such investigation as may be conducted under any existing research agreement, or extension thereof, patents thereof will be taken in the name or names of the University agents concerned in making them, and the interest in such patents assigned to the Commission, subject to the conditions of this proposal.

3. The Commission agrees, when and if an assignment is made as hereinbefore outlined, that it will make such substantial outlay as may be warranted for the

purpose of developing the discovery, or discoveries, to a point where it will be possible to determine whether the same have any value, commercial or otherwise. The Commission will pay to the University twenty-five per cent of any and all royalties, license fees or compensation of any sort whatsoever which it may receive under any and all agreements of license for use of such discovery. The Commission will not enter into any such licensing or royalty agreement for the use or development of the discoveries without first consulting with the Board of Trustees of the University or with its Committee on Patents.

4. Should the discoveries be of such a nature that the general public may fairly be supposed to have a substantial interest in the development thereof, the Commission agrees that no discovery or patent rights transferred to it by the University pursuant to this agreement will be used or exploited by the Commission in a manner detrimental or prejudicial to the public interest.

5. The Commission agrees that if it wilfully or without just cause neglect to prosecute the researches and develop the possibilities of any discoveries relating to the elimination of sulphur fumes in stack gases in order to perfect them, then the University may demand a reassignment to it of all patents, patent rights and interests thereunder which may have been assigned to the Commission pursuant to this agreement, and the Commission agrees to execute such reassignment promptly upon demand. In case of such demand and reassignment this agreement shall forthwith terminate.

6. It is agreed that all royalties shall be collected upon a reasonable basis from those who exploit the discoveries commercially, whether such persons be constituent corporations of the Commission, or otherwise.

BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By \_\_\_\_\_  
Its Secretary

UTILITIES RESEARCH COMMISSION, INC.

By \_\_\_\_\_

Approved: \_\_\_\_\_

*University Counsel*

On motion of Mr. Barrett, this contract was approved, with the reservation that the final draft should provide that royalties shall be paid annually and that any assignment of patents should be through the University to the Utilities Research Commission.

**REVISED STATUTES OF THE UNIVERSITY**

(6) The University Senate recommends the adoption of the following statutes dealing with the Library:

1. The Library includes all such books, pamphlets, periodicals, maps, music scores, photographs, prints, manuscripts, and other materials as are commonly preserved and used in libraries, purchased or acquired in any manner by the University to aid students and investigators.

2. The Library shall be in charge of the Director of the Library, who shall be responsible for its arrangement and care and for the organization of the Library staff; in the purchase of books and similar material, he shall act in accordance with business methods approved by the Comptroller. He shall make to the President an annual report on the condition and needs of the Library and on the work of the staff. With the approval of the President, the Director of the Library may establish branch libraries within the University when in their opinion efficiency in cataloguing, ordering and other matters of library administration, and the general welfare of a particular college, school or department will thereby be promoted; and when such action has been taken, the Director may delegate appropriate powers to the assistants in charge of such branches.

3. The Director shall be elected biennially by the Board of Trustees, on the nomination of the President of the University. On the occasion of each such election,

the President shall have the advice of the Senate Library Committee, to which for this purpose he shall add two members of the Library staff.

4. Members of the Library staff shall be appointed by the Board of Trustees on the recommendation of the Director of the Library as approved by the President, and may be given appropriate academic rank.

5. A standing committee of the Senate on the Library shall apportion the library book funds, and shall advise with the Director in matters pertaining to the Library. The Director shall be, ex-officio, a member of the Committee.

The Senate also recommends that present provisions now governing the Library, as set forth in Section 32 of the booklet of Extracts from the Laws of the Board of Trustees published December, 1926, be repealed.

I recommend approval.

On motion of Mrs. Grigsby, the new statutes on the Library were adopted, and Section 32 of the Extracts was repealed.

**RESOLUTIONS CONCERNING PAVING OF WRIGHT  
STREET, MATHEWS AVENUE, AND  
FLORIDA AVENUE**

(7) The following resolutions providing for the acceptance of certain local improvements by the Board of Trustees and for the payment of the University's share of the cost thereof:

November 7, 1931

*President H. W. Chase, 355 Administration*  
MY DEAR PRESIDENT CHASE:

I am transmitting herewith three proposed resolutions concerning improvements locally made and the payment therefor. The amounts and the descriptions are supplied by Mr. Morey, and the form of the resolution as a whole has been agreed upon by himself and my office. We are agreed that in future the Board should authorize the payment for improvements by a resolution in some such form as is the one under discussion. Under the language of the concluding paragraph it is open to the Comptroller to do precisely what they usually do when purchases in behalf of the University are made, to obtain a reduction if payment be made before the final due date. Of course the Comptroller in these cases will make this attempt in accordance with the usual practice of his office.

I think certain technical reasons which in part are responsible for the type of resolution proposed have been heretofore discussed with you in some detail and that a restatement thereof here would be merely repetition.

Cordially yours,

SVEINBJORN JOHNSON

*Counsel*

*RESOLUTION (1)*

WHEREAS, on July 23, 1930, the Board of Trustees, by resolution, agreed to pay the cost of a proposed pavement abutting University property on Mathews Avenue in the City of Urbana, Illinois, to the extent to which the value of University property was enhanced by the improvement; and

WHEREAS, it now appears that this improvement enhances the value of University property in the sum of not to exceed \$30,771; therefore,

BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby accepts the improvement and agrees to pay on account of the same, on or before September 30, 1933, not exceeding the total sum of \$30,771.

*RESOLUTION (2)*

WHEREAS, on May 9, 1930, the Board of Trustees, by resolution, agreed to pay the cost of a proposed pavement abutting University property on Wright Street in the City of Champaign, Illinois, to the extent to which the value of University property was enhanced by the improvement; and

WHEREAS, it now appears that this improvement enhances the value of University property in the sum of not to exceed \$70,657; therefore,

BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby accepts the improvement and agrees to pay on account of the same, on or before September 30, 1933, not exceeding the total sum of \$70,657.

**RESOLUTION (3)**

WHEREAS, on September 17, 1930, the Board of Trustees, by resolution, agreed to pay the cost of a proposed pavement abutting University property on Florida Avenue in the City of Urbana, Illinois, to the extent to which the value of University property was enhanced by the improvement; and

WHEREAS, it now appears that this improvement enhances the value of University property in the sum of not to exceed \$24,640; therefore,

BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby accepts the improvement and agrees to pay on account of the same, on or before September 30, 1933, not exceeding the total sum of \$24,640.

On motion of Mr. Barrett, these resolutions were adopted.

**RULES FOR OPERATION OF RESEARCH AND EDUCATIONAL HOSPITAL**

(8) The Fifty-Seventh General Assembly passed a law providing that the general management, control, and operation of the Research and Educational Hospital shall be in the Department of Public Welfare and the University, and that in general the Department may have the administration and the University the research, educational, and professional activities. The statute authorizes the Department and the University to make general rules for the operation and maintenance of the Hospital, which rules shall be binding on the Department and the University until modified by mutual agreement.

A joint committee representing the Department of Public Welfare and the faculty of the College of Medicine has been studying the organization of the work of the Research and Educational Hospital and the relationships between the Department and the University. This committee submits a draft of an agreement between the Department and the University for the operation of the Hospital.

At this point, Dean Davis, Judge Johnson, and Professor White were introduced. Dean Davis read the draft of the agreement.

After discussion, the draft of the agreement was referred to the University Counsel for revision and presentation at a later meeting.

**SCHOOL FOR NURSES**

On motion of Mr. Armstrong, the President of the University was requested to have a study made of the problem of establishing a school for nurses in connection with the Chicago departments.

**PURCHASE OF DENTAL BUILDING BONDS**

(9) A report from the Comptroller that pursuant to the action of the Board of Trustees at its last meeting he has concluded the purchase of \$1,000 of 6% bonds of the College of Physicians and Surgeons which are secured by a mortgage on the Dental Building, at a price of 99 plus accrued interest. These bonds will be canceled at the next interest date, January 1, 1932.

This report was received for record.

**POPE MORTGAGE (TRUST FUNDS)**

(10) The Comptroller reports that in accordance with the authorization of the Board at its last meeting (Minutes, page 424) he has concluded an extension of the original trust deed on the B. W. Pope mortgage loan on 400 acres of land near Benton, Illinois, for \$5,000 at 6% for two years.

This report was received for record.

**APPROVAL OF VARIOUS PURCHASES**

(11) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

1. One Type MSVM 40 chlorinator and accessories, same as purchased in September, 1931, from Wallace and Tiernan Company at a price of \$1130.00 f.o.b. Newark, New Jersey, including supervision of installation, to be charged to the general budget of Physical Plant Extension. (This is non-competitive as the equipment desired can be obtained from this source only.)

2. Pyrex laboratory glassware, amounting to approximately \$2185, for the General Chemical Stores from the Central Scientific Company of Chicago.

This report was received for record.

#### CAMPUS DRIVES AND SIDEWALKS

(12) A report that the Supervising Architect was authorized to increase the contracts with the Lehigh Stone Company of Kankakee for the paving of campus drives, authorized by the Executive Committee on August 25, 1931, and with King and Petry of Champaign for sidewalks, authorized on October 30, last, as follows:

##### *Campus Drives*

1. A top coating for the President's House drives (approximately 1300 yards), the construction to be a permanent installation and to cost approximately.....	\$1 040 00
2. Construction of approximately 6000 yards of armour coat paving to be placed on south campus drives at a cost of.....	1 320 00
3. Construction of approximately 780 square yards of pavement (five inch compacted water-bound macadam base with two inch compacted pre cot surface) in front of Woman's Gymnasium	1 065 00
	<u>\$3 425 00</u>

##### *Sidewalks*

1. Construction of a walk south of Auditorium to Mathews Avenue, approximately 450 x 6 feet—2700 sq. ft. @ \$.28.....	\$ 756 00
2. Construction of a walk east of Dairy Manufactures Building to Pennsylvania Avenue, approximately 650 x 4 feet—2600 sq. ft. @ \$.20.....	520 00
	<u>\$1 276 00</u>

The additional cost involved in this extra work will be paid out of the appropriation for campus improvements in the Physical Plant Extension Budget.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

(13) The following report of gifts received by the University since the last report:

1. From the University of Illinois Mutual Benefit Hospital Association, the sum of \$763.49 to cover deficit in operation of McKinley Hospital for the year ending August 31, 1931.

2. A renewal of the Ricker Prize in Architectural History. In 1921 the Alpha Rho Chi Fraternity established certain prizes in Architectural History to consist of books on the history of architecture as a memorial to the late Dr. Nathan Clifford Ricker. This gift was for a ten year period, 1921-1931. The fraternity wishes to continue this award for another period of ten years beginning with the present academic year.

This report was received for record.

#### COMMUNICATION FROM DR. CHARLES E. POLLARD

(14) The following letter from Dr. Charles E. Pollard of Champaign, an osteopathic physician, who requests permission to practice in the McKinley Hospital:

205 Co-Op Bldg., Champaign, Ill., Oct. 28, 1931

*The Honorable Harry Woodburn Chase, President, University of Illinois*

DEAR SIR:—

I am writing at this time to take up the matter of my practicing in the McKinley Memorial Hospital located on the campus of the University of Illinois. I am a graduate of the Chicago College of Osteopathy, Chicago, Illinois, a college chartered and recognized by the State of Illinois. I am licensed by the State of Illinois, by examination, to practice my profession in this state. As a regularly graduated and licensed osteopathic physician, as a citizen and taxpayer of this state I am asking permission to practice my profession in the above-named hospital located on the University of Illinois grounds.

This matter was called to the attention of the Trustees of the University of Illinois at a previous time. At that time permission was denied on the grounds that only medical cases were handled in the institution. In my opinion that does not hold for all cases. In my practice here among the students and faculty people there are cases of a purely non-medical nature which need hospitalization in the University hospital in which they hold membership. It is also necessary at times to place cases in the hospital for observation in order to help control epidemics. As it now stands it is inconvenient, as well as embarrassing to have to undergo the present procedure. In order to render these patients the proper, indicated, and convenient care, I am asking that I be permitted to take patients to this hospital as occasion arises. So before appealing to any higher authorities I want to have this application considered by the Board of Trustees of the University of Illinois.

Thanking you in advance for your attention to this matter, I am,

Yours truly,

CHARLES E. POLLARD, D.O.

On motion of Mr. Barrett, the Board requested the President of the University to inform Dr. Pollard that it saw no reason to change its previous decision on this matter.

#### LABORATORY FEE IN ORTHODONTIA

(15) A recommendation that the fee of \$600 per year for a graduate course in orthodontia for the training of those who wish to practice orthodontia as a speciality be designated as a laboratory fee.

On motion of Dr. Noble, this recommendation was adopted.

#### DECEMBER MEETING

On motion of Mr. Armstrong, it was voted to hold the December meeting at the College of Medicine, in Chicago, at 10 o'clock a.m. on Tuesday, December 15, 1931.

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Aaronson, A. L., Instructor in Medicine, in the College of Medicine, for eleven months beginning October 1, 1931, without salary. (November 2, 1931)<sup>1</sup>

Benton, Eva May, Stenographer in the Department of Physiology, in the College of Medicine, for ten months beginning November 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (November 2, 1931)

Carter, Royal, Assistant Pharmacist, in the Dispensary and Drug Room, in the College of Medicine, for ten months beginning November 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (November 11, 1931)

Ford, William, Assistant in Dermatology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Forkosh, Sydney Richard, Assistant in Obstetrics and Gynecology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Hillebrand, John G., Assistant in Obstetrics and Gynecology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Jaffe, Richard H., Professor of Pathology, in the Department of Pathology and Bacteriology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (November 2, 1931)

Jehle, Mimi Ida, Assistant in German, on one-half time, for five months beginning February 1, 1932, at a cash compensation at the rate of eighty dollars (\$80) a month (this supersedes her previous appointment). (November 11, 1931)

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

Jenkins, Richard L., Instructor in Social Hygiene, Criminology, and Medical Jurisprudence, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Klawans, Harold Leo, Assistant in Laryngology, Rhinology, and Otolaryngology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Kurtz, John William, Assistant in German, on one-half time, for five months beginning February 1, 1932, at a cash compensation at the rate of eighty-five dollars (\$85) a month (this supersedes his previous appointment). (November 11, 1931)

Lambrakis, Basil G., Assistant in Laryngology, Rhinology, and Otolaryngology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Levine, Victor, Assistant in Pathology and Bacteriology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

McKee, William A., Associate in Criminology, Social Hygiene, and Medical Jurisprudence, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (November 6, 1931)

Neiman, Benjamin Harold, Assistant in Pathology and Bacteriology, in the College of Medicine, for ten months beginning November 1, 1931, without salary (this is in addition to his appointment in Anatomy). (October 30, 1931)

Rich, Gilbert J., Associate in Criminology, Social Hygiene, and Medical Jurisprudence, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (November 6, 1931)

Robinson, V. W., Assistant in German, on three-fourths time, for five months beginning February 1, 1932, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (November 11, 1931)

Rose, Maurice Joseph, Instructor in Obstetrics and Gynecology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Rubin, Henry H., Assistant in Surgery, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Schreiber, W. I., Assistant in German, on three-fourths time, for five months beginning February 1, 1932, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (November 11, 1931)

Shellow, Harold, Assistant in Dermatology, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (October 30, 1931)

Stephan, Ida, Stenographer in the Department of Orthopedics, in the College of Medicine, for ten months beginning November 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (November 2, 1931)

Uterhart, Hans Emanuel, Assistant in Anatomy, in the College of Medicine, for four months beginning October 1, 1931, without salary. (October 30, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

# MEETING OF THE BOARD OF TRUSTEES

OF THE

# UNIVERSITY OF ILLINOIS

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December 15, 1931



The December meeting of the Board of Trustees of the University of Illinois was held at the new Medical and Dental Laboratories Building, in Chicago, at 10 o'clock a.m. on Tuesday, December 15, 1931. When the Board convened, the following members were present: Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, and Mr. Williams. Mr. Trees took his place with the Board at the beginning of the afternoon session.

President Chase was present; also, during part of the day, Professor J. M. White.

In the absence of Mr. Barr, Dr. Noble was elected Chairman of the meeting.

#### MINUTES APPROVED

The Secretary presented the minutes of the meetings of October 30 and November 16, 1931.

On motion of Mr. Barrett, the minutes of the meeting of October 30 were approved as printed on pages 459 to 482 above.

On motion of Mrs. Grigsby, the minutes of the meeting of November 16 were approved as printed on pages 483 to 490 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**APPROPRIATION FOR DEATH BENEFIT IN CASE OF  
J. D. VAN CLEAVE**

(1) A recommendation that an appropriation of \$842.25 be made from the Reserve and Contingent Fund for a death benefit payable in the case of J. D. Van Cleave, who was employed as a laborer in the Physical Plant Division from December 11, 1920, until his death on November 24, 1931, and that the Comptroller be authorized to make this payment to his designated beneficiary.

On motion of Mr. Williams, this appropriation was made and the payment was authorized, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mrs. Evans, Mr. Trees.

**APPROPRIATION FOR ARCHEOLOGICAL EXPLORATIONS**

(2) A recommendation that an appropriation of \$1,000 be made from the Reserve and Contingent Fund to supplement appropriations already made for archeological explorations during the year. These additional funds are needed to cover the cost of completing certain explorations of mounds on the Powell farm near St. Louis from October 1 to November 12, which I authorized at that time.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mrs. Evans, Mr. Trees.

**APPROPRIATION FOR COLLEGE OF AGRICULTURE AND  
EXPERIMENT STATION**

(3) A recommendation that a special non-recurring appropriation of \$12,200 be made from the Reserve and Contingent Fund to the College of Agriculture and Agricultural Experiment Station for the year 1931-32.

On motion of Mr. Williams, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mrs. Evans, Mr. Trees.

**RETIREMENT OF W. S. GOODSPEED, MECHANICIAN IN THE  
DEPARTMENT OF ELECTRICAL ENGINEERING**

(4) A recommendation that Mr. W. S. Goodspeed, mechanician in the Department of Electrical Engineering, be retired under the rules of the Board of Trustees, beginning January 1, 1932, and that he be paid a retiring allowance of \$973 per year. I also recommend that he be given sick leave of absence with full pay from December 9 to December 31, 1931.

Mr. Goodspeed has been continuously employed in that Department for over twenty-six years. His physical condition is such that he has been unable to work since November 9, 1931. Sick leave and vacation allowances to which he is entitled have carried him on full pay to December 9. The additional leave of twenty-one days is recommended in view of his long service. Mr. Goodspeed is past sixty-seven years of age. The regulations of the Board permit retirement any time after a member of the staff reaches the age of sixty-five in exceptional cases and for substantial cause.

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

**APPOINTMENT OF SANITARY ENGINEER**

(5) A report of the appointment of Mr. Herbert L. White of Urbana, Assistant Engineer on the State Water Survey Staff, as Sanitary Engineer in the office of the Supervising Architect at a salary of \$3,600 a year beginning January 1, 1932.

On motion of Mr. Williams, this appointment was approved.

**SCHOOL OF JOURNALISM ENTRANCE REQUIREMENTS**

(6) The University Senate recommends adoption of the following new requirements for admission to the School of Journalism, effective February, 1932, in place of the present requirements:

A candidate for admission to the School of Journalism must be able to matriculate in one of the undergraduate colleges of the University and must offer, in addition, 60 semester hours of work in one of the established undergraduate curricula, exclusive of physical education, hygiene, and military. A candidate who seeks admission from another institution must offer the same amount of work in an established curriculum of that institution.

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

**COLLEGE OF FINE AND APPLIED ARTS  
ENTRANCE REQUIREMENTS**

(7) The University Senate recommends adoption of the following new requirements for admission to the College of Fine and Applied Arts, effective September, 1932:

**GENERAL REQUIREMENTS**

1. *List A*: English (composition and literature) three units, Algebra one unit, Plane Geometry one unit; required of all applicants for admission.
2. *List B*: At least six units from the group of general electives (including languages, the physical and biological sciences, and the social sciences).
3. *List C*: Not more than four units from the list of special electives, which includes commercial subjects, home economics, manual training, agriculture, drawing, astronomy, geology, general science, and music; provided that for admission to the School of Music the maximum from this list shall be two units in addition to two units of Applied Music.

**SPECIAL REQUIREMENTS FOR THE VARIOUS CURRICULA**

1. *Curricula in Architecture*: Solid and Spherical Geometry, one-half unit, and Advanced Algebra, one-half unit; provided that applicants deficient in either one or both of these special requirements, but who meet the requirements for admission to any other curriculum of the College of Fine and Applied Arts, may be admitted to the curricula in Architecture for one year during which time they must make up these deficiencies.
2. *Curricula in Painting and Landscape Architecture*: Latin, Greek, French, German, or Spanish, two units; both must be in the same language.
3. *School of Music*: Latin, Greek, French, German, or Spanish, two units; both must be in the same language. Applied Music, two units, in lieu of two of the four units of *List C* of the general requirements.

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

**CERTIFICATES FOR NON-GRADUATES OF THE  
UNIVERSITY**

(8) The Senate recommends that certificates, including transcripts of records, be issued by the University, on application, to students who have completed satisfactorily, as certified by the several colleges or schools, two years or more of scholastic work at the University.

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

**FEES IN THE COLLEGE OF MEDICINE**

(9) A recommendation that the President of the University and the Dean of the College of Medicine be authorized to fix laboratory fees in that College from time to time according to the cost of laboratory materials used in the courses. Such laboratory fees shall be within the total fees established by the Board of Trustees on October 17, 1930 (Minutes, page 107), or any subsequent changes which may be authorized by the Board.

On motion of Mr. Armstrong, this authority was granted.

**REPORT ON SPRINGFIELD AVENUE COOPERATIVE HOUSE**  
(10) A report from the Supervising Architect of the costs of putting the DeWitt property on Springfield Avenue, which was purchased by the University as a cooperative house for girls, into condition for such use. The house was purchased for \$13,000, for which an appropriation was made by the Board on May 14, 1931. The total cost

of improving the property amounted to \$4,037.69, which has been charged to the Residence Hall Reserve Fund. The furniture for the house has been provided by the Woman's League.

This building houses eighteen women students, so that the cost is less than \$1,300 per student, which the Supervising Architect believes is very economical housing.

This report was received for record.

#### GIFTS TO THE UNIVERSITY

(11) The following report of gifts received by the University since the last report:

1. From M. Edward Champion, a well-known Parisian publisher, and M. M. Manuel, French art photographers, through Professor Henri Peyre of Yale University, a set of 135 photographs representing various political, diplomatic, literary, and artistic personalities of France. (The University was one of the thirteen institutions chosen to be the recipients of sets of photographs.)

2. From Mead, Johnson, and Company, \$500 in support of research work on metabolism which is being carried on under the direction of Dr. J. H. Hess of the Department of Pediatrics.

This report was received for record.

#### EBERT LOAN FUND

(12) The Alumni Association of the School of Pharmacy offers the University approximately \$1,200 to be used as part of the Pharmacy Loan Fund established by the Woman's Organization of the Chicago Retail Druggists' Association in 1917 and to be known as the Ebert Loan Fund. The Woman's Organization has agreed to this change in the name of the loan fund. This gift represents funds which were raised by alumni of the School of Pharmacy to establish a memorial for Albert E. Ebert, a prominent member of the pharmaceutical profession.

On motion of Mrs. Hopkins, this gift was accepted.

#### CLASS OF 1907 LOAN FUND

(13) A report that the Class of 1907 is planning to raise a student loan fund to be presented to the University at its twenty-fifth year reunion in June, 1932. Subscriptions to this fund are already being received. I request that the Comptroller be authorized to receive such funds as are sent in and to hold them subject to further action by the Class of 1907.

On motion of Mr. Barrett, the Comptroller was authorized to receive these funds and to hold them as recommended.

#### DIPLOMAS

(14) The plates from which the University diplomas have been made for several years are badly worn and will have to be refinished if they are going to be used again. This would cost from \$300 to \$400. In view of this a Committee of the staff was appointed to consider the possibility of changing the size and style of our diplomas. A preliminary report on this matter was submitted at a previous meeting of the Board. This Committee has now secured actual samples of the style of diplomas which it recommends for adoption by the Board and also samples in other sizes. If the style and size which the Committee recommends is adopted, it will not be necessary to appropriate additional funds for diplomas, as the appropriation for the current year is sufficient to cover all of our requirements (in the style and size recommended by the Committee) for the present year.

On motion of Mr. Barrett, the use of the small diploma was authorized, but the Committee was requested to submit further suggestions with respect to the design.

#### CONTRACT FOR PRINTING AND BINDING OF ANNUAL REGISTER

(15) The Comptroller submits the following bids secured by the Purchasing Agent for printing and binding 25,000 copies of the 1931-32 Annual Register:

George Banta Publishing Company, Menasha, Wisconsin.....	\$5 390 00
Louis Schwab and Company, Peoria, Illinois.....	6 220 00

Rogers Printing Company, Dixon, Illinois . . . . .	6 335 00
Gentry Printing Company, Chicago, Illinois . . . . .	7 250 00
Journal Printing Company, Springfield, Illinois . . . . .	7 430 00
W. B. Conkey Company, Hammond, Indiana . . . . .	7 480 00
R. R. Donnelly and Sons Company, Chicago, Illinois . . . . .	No quotation

Quotations were requested on uniform specifications, and the above figures are approximate totals computed by applying unit prices to the last issue of the Register. The figures do not include the cost of paper, approximately \$2,000, which will be purchased to better advantage separately. Other expenses will amount to \$1,000, making the estimated total cost \$8,500 as compared with a total of \$10,700 for last year's issue. While these figures are based on an edition corresponding to that of last year, an additional saving of \$1,000 will be realized by reducing the number of copies in which lists of students, degrees, and honors is to appear from 20,000 to 3,500, which is sufficient for all official record purposes, and by discontinuing binding any more copies in leather with gilt edges. The Purchasing Agent, the Director of the University Press, and the Comptroller recommend placing the contract with the George Banta Publishing Company, the lowest bidder, its price being over ten per cent less than that of the next low proposal.

I concur in this recommendation.

On motion of Mr. Barrett, these recommendations were adopted and the contract was awarded to the George Banta Publishing Company, the lowest bidder.

#### COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(16) The following report from the Comptroller of contracts and purchase orders executed since the last report:

##### CONTRACTS EXECUTED BY THE COMPTROLLER OCTOBER 24, 1931 TO DECEMBER 10, 1931

Lease executed under general regulations of the Board of Trustees:

<i>Leased to</i>	<i>Property</i>	<i>Rental</i>	<i>Date</i>	<i>Tenure</i>
C. A. Wilson <sup>1</sup>	Residence at 806 South Sixth St., Champaign	\$60.00 per month	November 19, 1931	Eleven months from October 1, 1931

This report was received for record.

#### REPORT OF AUDIT

(17) A report from Arthur Young and Company, auditors, of their audit of the University's accounts for the quarter ended September 30, 1931:

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRS,

We have audited the books of the University of Illinois for the quarter ended September 30, 1931, and submit the following summary of the work done and the result of the audit:

The cash receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and the vouchers certified to the State Auditor for payment have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of pay roll vouchers of non-appointees has been checked against the original time reports on file in the respective departments. Salaries paid to appointees have been checked against the Secretary's letters of appointment. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer at September 30, 1931, together with the securities of the University in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from the depository. We have also examined the securities deposited by the depository bank, protecting

<sup>1</sup>Replaces lease reported to Board of Trustees on September 29, 1931 (Minutes, page 441).

the University funds on deposit. These securities are in the joint control of the Treasurer and the Comptroller of the University. The amount of these securities at September 30, 1930, was \$1,079,800, the available balance in the hands of the Treasurer at that date being \$1,209,859.50. On October 16, 1931, the date of our inspection, the securities amounted to \$1,149,800, with an available balance of \$1,309,138.97 in the hands of the Treasurer. The securities examined comprised the following:

U. S. Treasury Bonds and Liberty Bonds.....	\$1 134 800 00
County of Mississippi, Arkansas Road Improvement Bonds	12 000 00
City of Highland Park General Corporate Purpose Bonds	2 000 00
McLean Community High School Bonds.....	1 000 00
	<u>\$1 149 800 00</u>

Cash on hand was verified by actual count.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the Registrar and of the various operating departments.

The accounts of the Chicago departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct. Appropriation accounts kept at the Chicago Business Office have been reconciled with the corresponding control accounts kept at Urbana.

The records of the meetings of the Board of Trustees of July 27 and September 29, 1931, have been examined and all actions affecting the finances of the University, in so far as they had been consummated at the time of our audit, have been checked into the books of account. The records of previous meetings have likewise been examined with respect to relative transactions recorded in the books during the quarter under audit.

The records of the purchasing division have been inspected and a number of the larger purchase orders issued have been compared with relative bids and quotations. Contracts and bids on file in the office of the Supervising Architect have been checked against reports made to the Board of Trustees as shown in the minutes of the meetings of the Board.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All income which the University should have received during the quarter ended September 30, 1931, has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at September 30, 1931, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The report of the Comptroller to the Board of Trustees as at September 30, 1931, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The financial reports of the Comptroller to the Governor of the State of Illinois for the period beginning July 1, 1929, and ending September 30, 1931, and for the period beginning July 1, 1931, and ending September 30, 1931, are in accordance with the books and, in our opinion, are correct.

Yours faithfully,

ARTHUR YOUNG & COMPANY

This audit was referred to the Chairman of the Finance Committee for report by his Committee to the Board of Trustees.

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

#### REPORT OF ABSENCE OF D. A. ALBRECHT

(18) A report that D. A. Albrecht, Instructor in Farm Mechanics, who was granted sick leave from September 8 to January 1, 1932, with pay with the understanding that any expenses incurred by the Department in taking care of his work during his

absence should be deducted from his salary, has been able to work for a part of the time recently and is expected to return to full-time work on January 1.

This report was received for record.

#### LEAVE OF ABSENCE FOR MISS JOSIE B. HOUCHENS

(19) A recommendation that Miss Josie B. Houchens, Binding Librarian, be given a month's leave of absence without pay during the summer of 1932 to enable her to teach in the Columbia University Library School during its Summer Session.

On motion of Mr. Williams, this leave was granted.

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

#### GARAGE FOR STATE GEOLOGICAL SURVEY

(20) A report of bids for the general work and the plumbing and heating for a garage for the State Geological Survey.

<i>Bidders</i>		<i>Bids</i>
<i>GENERAL WORK</i>		
1. J. H. Hunzinger & Co., Davenport.....		\$6 025 00
2. G. L. Bennett, Champaign.....		6 247 00
3. English Bros., Champaign.....		6 338 00
4. D. M. Mason, Urbana.....		6 503 00
5. G. A. Applegate, Champaign.....		6 700 00
6. T. J. Corkery, Urbana.....		6 840 00
7. King & Petry, Champaign.....		6 883 00
8. C. W. Harmison, Urbana.....		6 894 00
9. C. L. Coventry, Champaign.....		6 966 70
10. F. W. Padfield, Champaign.....		6 985 00
11. H. R. Heinicke Co., Indianapolis.....		6 990 00
12. H. J. Coopridger, Urbana.....		7 440 72
13. Hellrung Construction Co., Alton.....		7 693 00
14. Steve Sandwell, Urbana.....		7 717 00
15. S. M. Wilson & Co., Granite City.....		7 869 00
16. E. N. DeAtley, Urbana.....		7 990 00
17. Thorgersen & Ericksen, Chicago.....		8 377 00

<i>Bidders</i>		<i>Bids</i>
<i>PLUMBING AND HEATING</i>		
1. Johnson Bros., Champaign.....		\$732 15
2. O. L. Kern & Co., Champaign.....		748 75
3. Reliable Plumbing & Heating Co., Champaign.....		779 00
4. F. A. Finder, Champaign.....		810 00
5. Champaign Plumbing & Heating Co.....		850 00
6. Carson Payson Co., Danville.....		911 00

Professor White presented the plans for this garage and stated that it would house 20 cars and a shop.

On motion of Mr. Armstrong, the contract for the general work was awarded to J. H. Hunzinger & Co., the lowest bidders, on the basis of their bid of \$6,025.

On motion of Mr. Barrett, the contract for plumbing and heating was awarded to Johnson Brothers, the lowest bidders, on the basis of their bid of \$732.15.

On motion of Mr. Trees, \$7,500, or so much thereof as may be necessary, was appropriated from the Reserve and Contingent fund for the construction of this garage, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emerson, Mrs. Evans.

**CONTRACT WITH DAVIS CONSTRUCTION  
COMPANY REVOKED**

(21) A letter from the Supervising Architect.

December 14, 1931

*President H. W. Chase, 355 Administration (W)*

DEAR PRESIDENT CHASE:

I have your inquiry of the 11th about the contract with the Davis Construction Company of Chicago for the installation of temperature regulation in our Research Laboratory and Library building.

This contract was held up pending the legality of the law governing uniform wage scales, and then when we were ready to go ahead, I found that the Davis Construction Company had not included all of the valves that the others had figured on and were not the low bidders. This statement should have appeared in my letter of November 30.

Under the circumstances, I think the wise thing to do is to rescind our former action and reject all bids and take the matter up de novo next year.

Very truly yours,

J. M. WHITE

*Supervising Architect*

On motion of Mr. Trees, the action of September 29, 1931 (Minutes, page 445), awarding the contract for temperature regulation in the Research Laboratory and Library Building, was reconsidered.

On motion of Mr. Trees, in consideration of the report made by the Supervising Architect showing that the Davis Construction Company were not the lowest bidders, the action of September 29 awarding the contract to this company was rescinded.

On motion of Mr. Barrett, all bids received on this work were rejected.

**PLANS FOR SECOND UNIT OF MEDICAL BUILDING**

(22) The plans and specifications for the second unit of the Medical and Dental College Laboratories Building.

Mr. Bollenbacher and Mr. Merrill, who were introduced at this point, explained the plans.

On motion of Mrs. Grigsby, the plans and specifications were approved.

**INVESTMENT OF TRUST FUNDS**

Mr. Trees, for the Finance Committee, presented a recommendation that \$1,500 of available trust funds be invested in Kansas City Gas Company First Mortgage 6% bonds of 1942, at 101.

On motion of Mrs. Hopkins, this investment was authorized.

**DATE OF JANUARY MEETING**

On motion of Mr. Trees, it was voted to hold the January meeting at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Wednesday, January 13, 1932.

**DEGREE OF M.D. CONFERRED**

The Secretary presented for record the following list of persons on whom the degree of Doctor of Medicine has been conferred on the completion of one year of hospital service.

ROGER BRANDT COGLON.....	July 1, 1931
LYLE BURNSIDE KNIGHT.....	July 1, 1931
LEO GAMBERG.....	August 1, 1931
IRVING EDWARD KAVENEY.....	September 1, 1931
DAVID HERMAN LANDO.....	September 1, 1931
LOUIS PHILLIPS.....	October 13, 1931
ABEL CORNELIUS ANTHONY.....	October 17, 1931
JAMES WILBER MORELAND.....	December 1, 1931
DAVID MERTON BANEN.....	January 1, 1932
JEROME GORDON FINDER.....	January 1, 1932
JOSEPH JANOWSKY.....	January 1, 1932
FRANK JOSEPH PISZKIEWICZ.....	January 1, 1932
HENRY ABRAHAM SIEGEL.....	January 1, 1932
ABRAHAM SIMON.....	January 1, 1932
FREDERICK STEIGMANN.....	January 1, 1932
CLIFFORD PATRICK SULLIVAN.....	January 1, 1932
JANET CAMPBELL THAYER.....	January 1, 1932
MARTIN JEROME URIST.....	January 1, 1932
LOUIS STEPHEN VARZINO.....	January 1, 1932
WALDO WAITE WYNEKOOP.....	January 1, 1932

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Barkman, Eleanor, Editorial Assistant in the Alumni Records Office, beginning November 16, 1931, and continuing until August 31, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (November 16, 1931)<sup>1</sup>

Brown, Andrew W., Assistant Professor of Criminology, Social Hygiene, and Medical Jurisprudence, in the College of Medicine, for nine months beginning December 1, 1931, without salary. (December 3, 1931)

Dahlberg, Grace Goodmann, Stenographer in the Department of Psychiatry, in the College of Medicine, for nine months beginning December 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 12, 1931)

Fabricant, Noah Daniel, Resident in the Department of Laryngology, Rhinology, and Otolaryngology, in the College of Medicine, for six months beginning January 1, 1932, at a cash compensation at the rate of fifty dollars (\$50) a month. (December 12, 1931)

Rasmussen, D. Irvin, Assistant in Zoology, on one-fourth time, beginning November 16, 1931, and continuing until June 30, 1932, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (November 23, 1931)

Reid, Mabel, Attendant in the Department of Orthopedics, in the College of Medicine, for nine months beginning December 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-three dollars thirty-three cents (\$83.33) a month. (December 12, 1931)

Ricketts, Lucille L., Switchboard Operator and Typist, in the College of Dentistry, for ten months beginning November 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (November 21, 1931)

Shaver, Murton Rene, Resident in the Department of Orthopedics, in the College of Medicine, for seven months beginning December 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (December 3, 1931)

Smith, Thelma, Dispensary Nurse in the College of Medicine, for ten months beginning November 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (November 22, 1931)

Steinman, Floyd H., Assistant in Surgery, in the College of Medicine, for ten months beginning November 1, 1931, without salary. (November 21, 1931)

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

Weddle, Lora, Junior Stenographer, in the Bureau of Educational Research, for ten months beginning November 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (November 16, 1931)

Weinstein, Fanny, Junior Clerk in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, for nine months beginning December 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (November 16, 1931)

White, H. L., Sanitary Engineer in the Office of the Supervising Architect, for eight months beginning January 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of three hundred dollars (\$300) a month. (December 1, 1931)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

W. L. NOBLE  
*Chairman*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**January 13, 1932**



The January 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. on Wednesday, January 13, 1932. The following members were present: President Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present; also, during part of the day, Judge Johnson, University Counsel.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of December 15, 1931. On motion of Dr. Noble, the minutes were approved as printed on pages 491 to 500 above.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**FINANCIAL SITUATION**

(1) A statement concerning the financial situation of the University and of the steps taken to effect savings wherever possible.

This report was received for record.

**AGREEMENT WITH THE DEPARTMENT OF PUBLIC WELFARE FOR THE OPERATION OF THE RESEARCH AND EDUCATIONAL HOSPITAL**

(2) A draft of the agreement with the Department of Public Welfare

Judge Johnson explained this agreement in detail.

On motion of Dr. Noble, this form of contract was approved, to be drafted and presented for execution.

**RESIGNATION OF C. J. ROSEBERRY**

(3) A report that Mr. C. J. Roseberry has resigned his position as Alumni Recorder effective January 1, 1932.

This report was received for record.

**APPOINTMENTS OF DIRECTOR OF ALUMNI RELATIONS AND ALUMNI RECORDER**

(4) A recommendation that Mr. Carl Stephens be appointed Director of Alumni Relations at a salary of \$3,000 a year beginning January 1, 1932, and Mr. Gleyne Goodwine be appointed Alumni Recorder at a salary of \$2,650 a year beginning January 1, 1932. Mr. Goodwine has also been appointed Treasurer of the Alumni Association at a salary of \$350 a year beginning January 1, 1932.

Mr. Stephens is to continue also as Editor of the *Illinois Alumni News* and General Secretary of the Alumni Association for which he will be paid a salary of \$1,800 by the Alumni Association. Mr. Goodwine has been serving as office manager in the Alumni Records Office since September, 1930, and his salary remains unchanged. These adjustments will involve no additional expense on the University's side.

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

**LEAVE OF ABSENCE FOR PROFESSOR RUTH A. WARDALL**

(5) A recommendation that Professor Ruth A. Wardall of the Department of Home Economics be given a leave of absence for one month with full pay from January 1, 1932, on account of illness. This will involve no additional expense as her colleagues will carry on her work during her absence.

On motion of Mr. Trees, this leave was granted.

**SICK LEAVE FOR PROFESSOR JAKOB KUNZ**

(6) A recommendation that Dr. Jakob Kunz, Professor of Mathematical Physics, who has been ill since October 15 be given sick leave of absence on full pay until March 1, 1932. This will involve no additional expense as his colleagues will carry on his work during his absence.

On motion of Dr. Noble, this leave was granted.

**LEAVE OF ABSENCE FOR DR. J. HOWARD BEARD**

(7) A recommendation that Dr. J. Howard Beard, University Health Officer, be given leave of absence for one month with full pay from January 25 to enable him to undergo surgical treatment. He expects to be able to return to his duties shortly after the beginning of the second semester. This will involve no additional expense as his colleagues will carry on his work during his absence.

On motion of Mrs. Hopkins, this leave was granted.

**LEAVE OF ABSENCE FOR MR. D. A. ALBRECHT**

(8) A report that Mr. D. A. Albrecht, Instructor in Farm Mechanics, has been given an additional leave of absence for one month from January 1 without pay on account of his health.

On motion of Dr. Noble, this leave was approved.

**APPROPRIATION FOR DEATH BENEFIT IN CASE OF CHARLES B. SMITH**

(9) A recommendation that an appropriation of \$610 be made from the Reserve and Contingent Fund for the death benefit payable in the case of Charles B. Smith who was employed as a laborer in the Physical Plant Division from August 15, 1919, until his death on December 27, 1931, and that the Comptroller be authorized to make this payment to his designated beneficiary.

On motion of Mr. Barrett, these recommendations were adopted, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Evans.

**PAYMENTS ON GENERAL CONTRACT FOR MEDICAL AND DENTAL BUILDINGS IN CHICAGO**

(10) In the general contract for the erection of the Medical and Dental Laboratories Building there was an allowance of \$2,000 for moving into the new building. The Supervising Architect reports that the actual cost was \$3,034.43, and also that after connecting the new building with the Research Laboratory and Library and getting the Library stacks re-arranged, it was necessary to provide additional lights in the Research Laboratory and Library. As this was remodeling work the Supervising Architect authorized it to be done on a time and material basis by the Chester Johnson Electric Company. The total cost was \$373.93.

The Supervising Architect recommends approval of the payment of the \$373.93 to the Chester Johnson Electric Company and of \$1,034.43 to the W. E. O'Neil Construction Company, both payments to be out of the appropriation made for the second unit of this building.

On motion of Dr. Noble, these payments were approved.

**EXTENSION OF AGREEMENT FOR WARM AIR HEATING INVESTIGATION**

(11) A report of the extension, for one year from April 16, 1932, of the agreement with the National Warm Air Heating Association for a cooperative investigation of warm air heating under the same terms and conditions which have governed this investigation heretofore. The Association will contribute not to exceed \$8,000 in additional funds for continuing this investigation.

On motion of Mrs. Grigsby, the extension of this agreement was authorized.

**REPORT OF SECURITIES PURCHASED**

(12) A report from the Comptroller that pursuant to the action of the Board of Trustees on December 15, 1931 (Minutes, page 498), the following securities have been purchased as investments of trust funds and deposited with the Treasurer of the University:

\$1500 Kansas City Gas Company first mortgage 6% bonds, due February 1, 1942. \$1000 at 99 and \$500 at 100.

This report was received for record.

**DIPLOMAS**

(13) At its meeting on December 15, 1931 (Minutes, page 494), the Board authorized the change in the size and style of the diplomas but requested further suggestions with respect to the actual design. Accordingly, the Committee which

has been studying this matter secured several additional designs which are submitted herewith.

On motion of Mrs. Hopkins, design No. 3 was approved and adopted.

#### CONTRACT FOR UNIVERSITY DIPLOMAS

(14) A recommendation from the Purchasing Agent, concurred in by the Comptroller, that the University enter into a contract with Rounds-Truman Company of Chicago for diploma requirements for a period of three years.

On motion of Mrs. Grigsby, this matter was referred to the President of the University with power to act.

#### GIFTS TO THE UNIVERSITY

(15) The following report of gifts received by the University since the last report:

1. From the Crerar Library, 113 volumes in the fields of ophthalmology and otology for the College of Medicine Library.
2. From the E. I. du Pont de Nemours & Company, a \$750-fellowship in chemistry for the academic year 1932-33. This is a renewal of the fellowship which this Company has been providing for several years.
3. From Mr. C. S. Ells, of Heyworth, who was a student in the University from 1879 to 1881, a Gurley transit to the Department of Civil Engineering.
4. From the Combustion Engineering Corporation, 200 Madison Avenue, New York City, through Mr. A. C. Weigel, a boiler drum worth approximately \$250, to the Engineering Experiment Station.
5. From the Reliance Gauge Column Company, through Mr. J. Rowland, of Cleveland, Ohio, a water column worth approximately \$125, to the Engineering Experiment Station.
6. From Mr. H. J. Kerr of the Babcock and Wilcox Company, New York City, a boiler gauge glass worth approximately \$125, to the Engineering Experiment Station.
7. From Inter-State Sand and Gravel Company, the sum of \$41.23, and from Lincoln Sand and Gravel Company, the sum of \$35.83, for the continuation of the concrete arch investigation. (Agreement approved by the Board of Trustees, November 15, 1929, Minutes, page 436.)

This report was received for record.

#### GRANT OF \$500 FOR PREPARATION OF A MONOGRAPH ON THE ACANTHOCEPHALA OF THE WORLD

(16) The National Research Council has granted Professor H. J. Van Cleave of the Department of Zoology \$500 to assist him in his research work on the Acanthocephala of the World. Specifically the grant is for technical and clerical assistance in the preparation of a monograph. Professor Van Cleave has asked that the fund be administered through the Business Office.

I have authorized the Comptroller to receive these funds from the National Research Council and to disburse them on requisitions drawn by Professor Van Cleave for the specific purpose for which they were granted.

This report was received for record.

#### COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(17) The following report from the Comptroller of contracts and purchase orders executed since the last report:

#### CONTRACTS EXECUTED BY THE COMPTROLLER DECEMBER 10, 1931, TO JANUARY 7, 1932

Lease renewal executed under general regulations of the Board of Trustees:

Name	Property	Rental to be re- quired by the University	Date	Tenure
Peter Scholl	Dwelling at 1207 W. Stoughton St.	\$35 00 per month	Dec. 10 1931	Jan. 1, 1932 to Aug. 21, 1932

Minor contract executed under general regulations of the Board of Trustees:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular fees	Dec. 5, 1931	Regular instruction in College of Commerce to be rendered to Mr. J. E. Hish for four years from September 18, 1931

This report was received for record.

#### APPROVAL OF VARIOUS PURCHASES

(18) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

1. Two rail-testing machines, built to specifications prepared by Professor H. F. Moore, from J. B. Hayes Machine Company of Urbana, at a price of \$3525.00, to be charged to the gift fund for rails investigation. (Minutes, March 12, 1931, page 187.)

2. Thirty cars nut coal (Danville District) from Electric Coal Company, Chicago, at a price of \$1.50 per ton, f. o. b. Mines, to be charged to the Coal Storage Appropriation of the Physical Plant.

This report was received for record.

#### AUTOMATIC TELEPHONE SYSTEM

(19) A proposal from Automatic Electric, Inc. for the installation of a new automatic telephone system to replace the present University intercommunicating system.

The total cost of this equipment, including the installation of the switchboard (but not the instruments), is \$33,800. The company will allow \$5,800 for the present automatic switchboard and telephones making the net cost \$28,000. The University's end of the work would cost up to \$3,000 so that the total net cost of the new system would be \$31,000.

On motion of Mr. Barrett, this report was received for record and no action was taken.

#### ARCHITECTURAL FEES FOR MEDICAL AND DENTAL LABORATORIES BUILDING

(20) The Supervising Architect submits:

1. A statement from Granger & Bollenbacher of the balance of \$25,200 due for professional services rendered in preparation of preliminary sketches, work drawings, and specifications for the Medical and Dental Laboratories Building.

2. A letter from Granger & Bollenbacher requesting authority to proceed with the full size detailing of the plans for the second unit of the Medical and Dental Laboratories Building.

Under their contract the architects are entitled to three-fifths of their fee when the contract plans are completed. Although this fee is not usually paid until the contract has been awarded, in this case the architects are not responsible for the delay and the payment is due. The Supervising Architect recommends payment of the balance of \$25,200 to them, this payment to be made from the appropriation for the second unit of this building.

On motion of Dr. Noble, it was voted to approve payment of this bill and to incur no further expense on this project until further notice.

#### FEBRUARY DEGREES

(20) A request for authority to confer degrees on those candidates who will be recommended by the University Senate at its meeting on February 1, the list to be included in the minutes for February.

On motion of Mrs. Grigsby, this authority was granted.

#### PATENTS

Mr. Barrett, for the Committee on Patents, presented recommendations from the faculty committee that patents be sought for the protection

of the discovery by Dr. Swann and Dr. Johnstone of a new improved method or a new modification of the Johnstone scheme of flue gas scrubbing; also for Dr. Heubaum's discovery of an electrolytic method for hydrolysis and partial purification of the levulose.

On motion of Dr. Noble, these recommendations were adopted.

#### **IMPROVED FORM OF DRIED BLOOD ALBUMEN**

Mr. Barrett, for the Committee on Patents, also presented the following recommendation.

Professor J. C. Blair, Head of the Department of Horticulture, sometime ago laid before the Faculty Committee on Patents a description of a discovery concerning an improved form of dried blood albumen related to the means of processing commercial dried blood albumen to facilitate it as a wetting and spreading agent for use with various agricultural sprays, including such insecticides and fungicides as oil, oil emulsions, lime sulphur, bordeaux, arsenicals, and various nicotine, derris, and other alkaloid poisons. The application has to be made by a Mr. George Hockenyos who is not now in the employ of the University. The Committee on Patents recommends that application for a patent be filed, but only when and if Mr. Hockenyos has in writing first agreed to assign the patent, when and if obtained, to the Board of Trustees of the University of Illinois.

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

#### **RELEASE OF PATENT TO DR. GRAHAM**

Mr. Barrett, for the Committee on Patents, also presented the following recommendation.

Dr. Robert Graham some time ago perfected a method of releasing formaldehyde in hatcheries. While the discovery is important in its field, your Committee feels that the expenditure of time and money required for procuring a patent would not be warranted. It is therefore recommended by the Committee on Patents that the whole matter be released to Dr. Graham to do with as he pleases.

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

#### **CANADIAN PATENTS ON JOHNSTONE DISCOVERIES**

Mr. Barrett, for the Committee on Patents, presented also the following recommendation.

The licensee of the Board of Trustees authorized to develop commercially the Henry F. Johnstone discoveries, Patent Applications No. 500684, for Removal of SO<sub>2</sub> from Flue Gases, and No. 582039, for Process for Removing SO<sub>2</sub> from Flue Gases, is anxious to obtain protection in foreign countries and more particularly in Canada. Your Committee on Patents recommends that the patent attorneys be instructed to proceed forthwith to procure patent protection for these discoveries in the Dominion of Canada.

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

#### **INVESTMENT OF TRUST FUNDS**

Mr. Trees, for the Finance Committee, presented a recommendation that approximately \$2600 of available trust funds be invested in Houston Lighting and Power Company First Fives of 1953, at 95.

On motion of Dr. Noble, this investment was authorized.

#### **FORECLOSURE OF MARTIN MORTGAGE**

Mr. Trees, for the Finance Committee, reported also that the foreclosure proceedings against Mr. Martin (page 445) have been instituted.

**FEBRUARY MEETING**

On motion of Mr. Trees, the February meeting was set for Wednesday, February 10, 1932, at 10 o'clock a.m. at the new Medical Laboratory.

**APPOINTMENTS MADE BY THE PRESIDENT**

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

Crum, Ruth M., Junior Clerk in the Dispensary, in the College of Medicine, for eight months beginning January 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (January 4, 1932)<sup>1</sup>

Decherd, George Michael, Jr., Assistant in Physiology, in the College of Medicine, for six months beginning January 1, 1932, at a cash compensation at the rate of eighty-seven dollars fifty cents (\$87.50) a month. December 15, 1931)

Granger, Gordon A., Instructor in Obstetrics, in the College of Medicine, for eight months beginning January 1, 1932, without salary. (January 4, 1932)

Heater, Elmer F., Research Assistant in the Engineering Experiment Station, for eight months beginning January 1, 1932, at a cash compensation at the rate of one hundred ninety-one dollars sixty-six cents (\$191.66) a month (this supersedes his previous appointment). December 29, 1931)

Hill, William Griffith, Associate in Piano, in the School of Music, in the College of Fine and Applied Arts, for seven months beginning February 1, 1932, at a cash compensation at the rate of two hundred sixteen dollars sixty-six cents (\$216.66) a month. (December 22, 1931)

Knight, J. Fred, Junior Assistant Purchasing Agent, in the Chicago Business Office, for eight months beginning January 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (December 22, 1931)

Lifvendahl, Richard A., Associate in Gynecology, in the College of Medicine, for eight months beginning January 1, 1932, without salary. (December 22, 1931)

Meliza, Cleo Ilene, Stenographer in the Administration Department, in the Agricultural Extension Service, for eight months beginning January 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (December 31, 1931)

Mortimer, Harold M., Assistant in Internal Medicine, in the College of Medicine, for six months beginning January 1, 1932, without salary (this is in addition to his appointment as Assistant in Dermatology). (January 4, 1932)

Pace, Earle R., Instructor in Dermatology, in the College of Medicine, for eight months beginning January 1, 1932, at a cash compensation at the rate of twenty dollars (\$20) a month (this supersedes his previous appointment). (December 15, 1931)

Padnos, Emanuel, Assistant in Pediatrics, in the College of Medicine, for seven months beginning December 1, 1931, without salary. (December 19, 1931)

Pertzoff, L. G., Instructor in Surgery, in the College of Medicine, for eight months beginning January 1, 1932, without salary. (January 4, 1932)

Rawlings, Nellie, Technician in the Department of Neurology and Psychiatry, in the College of Medicine, for eight months beginning January 1, 1932, at a cash compensation at the rate of one hundred twenty-five (\$125) a month. (January 2, 1932)

Sanford, Charles W., Instructor in Education, beginning February 8, 1932, and continuing until June 8, 1932, at a cash compensation at the rate of two hundred dollars (\$200) a month (this supersedes his previous appointment). (January 4, 1932)

Shapiro, Samuel, Assistant in Surgery, in the College of Medicine, for eight months beginning January 1, 1932, without salary. (January 4, 1932)

Skorodin, Bernard, Resident in the Department of Neurology and Psychiatry, in the College of Medicine, for six months beginning January 1, 1932,

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

at a cash compensation at the rate of fifty dollars (\$50) a month. (December 22, 1931)

Vanneman, Mary Elizabeth, Assistant in Junior Club Work in the Division of Home Economics, in the Agricultural Extension Service, for seven months beginning February 1, 1932, at a cash compensation at the rate on one hundred thirty-three dollars thirty-three cents (\$133.33) a month. (January 12, 1932)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

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

---

**January 22, 1932**



A special meeting of the Board of Trustees of the University of Illinois was held at 10 o'clock a.m. on Friday, January 22, 1932, at the Blackstone Hotel, in Chicago, in pursuance of the following call which was sent out by the Secretary on January 18, 1932:

On the call of the President, Mr. George A. Barr, a special meeting of the Board of Trustees of the University of Illinois will be held at 10 o'clock a.m. on Friday, January 22, 1932, at the Blackstone Hotel, in Chicago, to consider the financial situation of the University, and to transact such other business as may be presented by the committees of the Board and the President of the University.

The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present; also Mr. Morey and Judge Johnson; Mr. Capron was present during part of the session.

**FINANCIAL SITUATION**

President Chase made a statement concerning the financial situation as affected by the closing of the First National Bank of Champaign.

Mr. Capron made a statement.

On motion of Mr. Armstrong, the President of the Board was requested to appoint a special committee (of which he should be a member) to consider the financial situation and to present recommendations to the Board.

President Barr appointed the following committee: Mr. Trees, Mr. Barrett, Mr. Williams, and Mr. Barr, to work with the President of the University, the Comptroller, and the Treasurer, and to formulate recommendations to the Board.

**FIRST NATIONAL BANK OF CHICAGO DESIGNATED AS DEPOSITORY**

Mr. Morey reported that the Treasurer had designated the First National Bank of Chicago to act as depository of University funds.

This report was received for record.

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

GEORGE A. BARR

*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**January 28, 1932**

**With Adjourned Sessions of  
February 6 and 10, 1932**



A special meeting of the Board of Trustees of the University of Illinois was held at 10 o'clock a.m. on Thursday, January 28, 1932, at the Blackstone Hotel, in Chicago, in pursuance of the following notice which was sent out by the Secretary on January 22, 1932:

On the call of the President, Mr. George A. Barr, a special meeting of the Board of Trustees of the University of Illinois will be held at 10 o'clock a.m. on Thursday, January 28, 1932, at the Blackstone Hotel, in Chicago, to consider the financial situation of the University, and to transact such other business as may be presented by the committees of the Board and the President of the University.

The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present, also Mr. Morey and Judge Johnson; Mr. Capron and Mr. Walter Riley were present during part of the session.

**FINANCIAL SITUATION**

Mr. Trees, as Chairman of the special committee to consider the financial situation of the University, submitted a report outlining a plan of procedure presented for the consideration of the Board.

Mr. Capron and Mr. Riley made statements.

On motion of Dr. Noble, further consideration of this report was deferred to a later meeting.

On motion of Mr. Armstrong, the special committee was continued.

On motion of Mr. Trees, the Board adjourned to meet at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, February 6, 1932.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR,  
*President*

**ADJOURNED SESSION OF FEBRUARY 6, 1932**

When the Board met at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, February 6, 1932, the following members were present: President Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present; also Judge Johnson and Mr. Morey.

**RESIGNATION OF MR. CAPRON AS TREASURER**

President Chase presented the resignation of Mr. Hazen S. Capron as Treasurer of the University.

February 5, 1932

*To the Board of Trustees, University of Illinois, Urbana, Ill.*

GENTLEMEN:

I hereby tender my resignation as Treasurer of the Board of Trustees of the University of Illinois to take effect at such time as you may determine.

Yours truly,

HAZEN S. CAPRON  
*Treasurer, Board of Trustees  
University of Illinois*

On motion of Dr. Noble, this resignation was referred to the special committee appointed to consider the financial situation of the University.

**REPORT OF SPECIAL COMMITTEE**

Mr. Trees presented the following revised draft of the report of the special committee appointed to consider the financial situation of the University.

**REPORT OF SPECIAL COMMITTEE  
CONCERNING FINANCIAL SITUATION**

*To the Board of Trustees:*

Your Special Committee appointed to consider the matter of the financial situation of the University reports and recommends as follows:

i. That the resignation tendered by Hazen S. Capron as Treasurer of the Board of Trustees of the University of Illinois be accepted to take effect when his successor is elected and qualified, subject to a full and complete accounting as such Treasurer, in such manner and at such time as the Board may direct.

2. That Hazen S. Capron be directed to do whatever may be needed to transfer to the Board of Trustees the full custody of all money, records, and securities in his custody, including the securities and safekeeping receipts relating to the deposits of University funds in the First National Bank of Champaign.

3. That Frank M. Gordon of Chicago be elected Treasurer of the Board of Trustees of the University of Illinois to serve out the unexpired portion of the term of Hazen S. Capron, to take effect when he has qualified by furnishing a satisfactory bond in the sum of \$1,000,000.

4. That the Treasurer shall select a depository or depositories for his banking accounts and shall require such depository or depositories selected by him to deposit in trust from time to time United States Government bonds or other United States securities of such character and in such amount as will at all times and under all conditions secure the funds so deposited at the current market value of such securities, under the following conditions:

(a) The securities so pledged shall be deposited for safekeeping with the First Union Trust and Savings Bank of Chicago without expense to the Board of Trustees.

(b) Substitutions and exchanges of securities of the type hereinbefore specified thus deposited may be made from time to time on the approval of the Treasurer or an authorized deputy.

(c) No withdrawal otherwise than for concurrent substitution or exchange as hereinbefore specified shall be made except on the approval of the Treasurer and the Comptroller, or their authorized deputies, first obtained, provided, that upon tender by a depository of the funds deposited with it, the Treasurer shall collect such funds and the securities deposited with the First Union Trust and Savings Bank for the security of the funds so tendered and collected shall be deliverable to such depository, and the Treasurer shall direct such delivery, provided that he shall first secure the concurrence of the Comptroller or his authorized deputy, which concurrence the Comptroller is directed to give.

5. That the Treasurer shall arrange with each depository selected by him for the payment of interest on deposited funds at such rate as shall be agreed upon by the Treasurer and such depository with the approval of the Board of Trustees, which interest shall accrue to the account upon which it is allowed.

6. That the funds received by the Treasurer and deposited by or for him in the depositories selected by him shall be drawn against only in the manner and by the persons from time to time authorized by the Board of Trustees.

7. That the Treasurer be directed to deposit with the First Union Trust and Savings Bank of Chicago, for safekeeping, securities now held or hereafter acquired representing the investment of permanent funds, upon the following conditions:

(a) Such securities shall be held by said bank subject to the order of the Board of Trustees.

(b) Said bank, so long as it holds said securities, shall collect the principal and income thereof and deposit the same in the depository selected by the Treasurer and to his credit as Treasurer of the Board of Trustees of the University of Illinois.

(c) Said bank shall receive customary and reasonable compensation for these services.

8. That the Board of Trustees shall be subrogated to any and all of the rights and powers of the Treasurer in his capacity as Treasurer of the Board of Trustees of the University of Illinois.

9. That the proper officers of the University be instructed to proceed to make the necessary arrangements to carry out the plan outlined above.

January 28, 1932

GEORGE A. BARR  
E. E. BARRETT  
W. W. WILLIAMS  
M. J. TREES, *Chairman*

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

**MR. CAPRON'S RESIGNATION ACCEPTED**

On motion of Mr. Trees, the resignation of Mr. Hazen S. Capron as Treasurer was accepted, to take effect when his successor is elected and qualified, subject to Mr. Capron's giving a full and complete accounting as such Treasurer in such manner and at such time as the Board of Trustees may direct.

**MR. FRANK M. GORDON ELECTED TREASURER**

On motion of Mr. Trees, Mr. Frank M. Gordon of Chicago was elected Treasurer of the Board of Trustees of the University of Illinois to serve out the unexpired portion of the term of Mr. Hazen S. Capron, and it was voted that Mr. Gordon shall qualify by furnishing a satisfactory bond in the sum of one million dollars (\$1,000,000), which bond shall be approved by the Board of Trustees.

On motion of Mr. Barrett, the Finance Committee was requested to see that the Treasurer provide a satisfactory bond, and to refer the bond to the Board for approval.

**ADJOURNMENT TO FEBRUARY 10**

On motion of Mr. Trees, it was voted that when the Board adjourns, it adjourn to meet at 2 o'clock p.m. on Wednesday, February 10, 1932, at the Blackstone Hotel, in Chicago.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**LEAVES OF ABSENCE ON ACCOUNT OF ILLNESS**

(1) A report that sick leaves of absence on full pay have been given the following members of the staff:

Professor L. M. Larson, of the Department of History, during the last two months of the first semester.

Miss Eda A. Jacobsen, Assistant Professor of Clothing, from January 12 to February 8, 1932.

Wesley Swanson, Instructor in English, from January 13 until such time as he is able to resume his duties after the beginning of the second semester.

Dr. E. Muriel Poggi, Associate in Geology, from January 18 until such time as she is able to resume her duties during the second semester.

Dr. Victor A. Hoersch, Associate in Mathematics, for three months from December 7, 1931.

G. L. Jordan, Assistant to the Dean of the College of Agriculture, one month from January 12.

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

**RELEASE OF DR. DAVID KINLEY FROM CALL TO DUTY**

(2) A request from Dr. David Kinley that he be excused from any call to duty from February 1 to June 1 or until his return from the Oriental trip which he plans to take in the interests of the Chicago Century of Progress Exposition.

On motion of Mrs. Grigsby, this request was granted.

**SUMMER SESSION SALARIES**

(3) A request for authority to make up the 1932 Summer Session budget on the basis of a salary rate of 15 per cent of the annual salaries for the ranks involved with a minimum salary of \$250 and a maximum salary of \$810 for full-time service.

On motion of Mr. Williams, this authority was granted.

**PAYMENT ON GENERAL CONTRACT FOR MEDICAL AND DENTAL BUILDINGS IN CHICAGO**

(4) The Supervising Architect reports that the total cost of moving furniture and equipment from the old Medical Building to the new Medical and Dental Laboratories Buildings was \$5,034.43. An allowance of \$2,000 for this work was made in the budget. An additional payment of \$1,034.43 was authorized by the Board on January 13, 1932. He recommends that payment be made from the appropriation for the second unit of this new building.

It was the opinion of the Board that this expense should not be paid from the appropriation for the second unit of the new building.

On motion of Mrs. Hopkins, the appropriation of \$3,034.43 for this purpose was made from the Reserve and Contingent fund by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Evans.

**TRANSFER OF MAY FÊTES FUND**

(5) A request from the Head of the Department of Physical Education for Women for authority to spend approximately one-half of the May Fêtes fund of that Department for furniture and furnishings in the new Woman's Gymnasium.

On motion of Mrs. Grigsby, this authority was granted.

**CONTRACTS FOR DIPLOMAS**

(6) A report that pursuant to the instructions of the Board on January 13, 1932 (Minutes, page 504), I have authorized the Comptroller and Secretary of the Board to enter into contracts with the following firms for the University's diploma requirements for 1932-35 inclusive:

<i>Item</i>	<i>Firm</i>	<i>Price per Unit</i>	
		<i>1 year's require-ments</i>	<i>3 year's require-ments</i>
Diplomas	The Scriptorium of C. L. Ricketts of Chicago.....	\$ 40	\$ 35
Folders	Arthur Hertzberg and Craftsmen of Chicago (imitation leather) (morocco).....	75 2 75 30	67½ 2 47½ 30
Engrossing (of names, dates, etc.)	Rounds-Truman Company of Chicago.....		

By contracting for the diplomas and folders on a three-year basis the University gets a ten per cent discount as well as avoiding the problem of securing new quotations each year. The contracts will be drawn to give the University the option of terminating them at the end of the first or second year on payment of the difference between quotations for three years and for one year, thus protecting the University in event of a decline in prices.

This report was received for record.

**STATUS OF UTILITIES RESEARCH COMMISSION PROJECTS**

(7) The Dean of the College of Engineering submits the following report on the status of the various cooperative research projects which are being financed by the Utilities Research Commission:

<i>Projects to be terminated within three months from January 1, 1932</i>	<i>Funds to be Assigned for 1932</i>
1. Effect of products of combustion on flues and chimneys, Case No. 29 (terminated on December 31, 1931).....	.....
2. Porcelain insulators, Case No. 3.....	(\$1 000 00) <sup>1</sup>
3. Stresses in elevated structures and equipment, Case No. 5.....	2 000 00
4. Cable testing, Case No. 6.....	800 00
5. Treatment of coal, Case No. 34a (This is a subdivision of the investigation of stack gases, Case No. 34, listed below.).....	( 1 000 00) <sup>1</sup>

<sup>1</sup>Balances available from 1931 assignments of funds.

*Projects to be curtailed*

1. Stretching of lead sheaths, Case No. 23.....	1 800 00
2. Solubility of boiler waters, Case No. 31.....	5 000 00
3. Investigation of stack gases, Case No. 34.....	7 000 00
4. Refrigeration at low brine temperatures, Case No. 41 (to be terminated on June 30, 1932).....	4 000 00
<i>Total budget for 1932.....</i>	<i>\$20 600 00</i>

None of the projects to be continued will involve any new type of work but will deal with the present program of research. The Utilities Research Commission has been obliged to reduce its total budget for research work to one-third of the amount spent in each of the preceding two years, thus necessitating a reduction in the total funds to be made available for research work in the University of Illinois during 1932 to \$20,600.

This report was received for record.

**STATUS OF VARIOUS COOPERATIVE INVESTIGATIONS**

(8) The Dean of the College of Engineering submits the following report of the status of various cooperative research investigations:

1. *Investigation of concrete columns*:—Investigation completed and contract which expires on February 12, 1932, will not be extended.

2. *Investigation of clay sewer pipe*:—Funds supplied for this investigation were expended on December 1, 1931, and the work on this project had been concluded on that date.

3. *Investigation of cast iron pipe*:—Contract expired November 1, 1931. The Sectional Committee on Specifications for Cast Iron Pipe of the American Society for Testing Materials requests that the agreement be extended for one year under the terms of the original contract to continue the investigation, and the Society has turned over to the University an additional six hundred dollars for continuing this work.

I recommend the extension of this agreement.

On motion of Mr. Trees, this report was received for record and the agreement for the investigation of cast iron pipe was extended.

**CANCELLATION OF CONTRACT FOR INVESTIGATION OF CANNING CROPS**

(9) A request from the Gibson Canning Company, of Gibson City, that it be released from the agreement made with the Board of Trustees on January 9, 1931 (Minutes, page 143), for a study by the Agricultural Experiment Station of the factors which determine the best development of certain types of vegetables. The Company agreed to pay \$5,000 a year for three years for this work. Of the \$5,000 paid in during 1931, there is a balance of \$1,200.51 in this fund which can be used to complete the records of the work done so far.

The Dean of the College of Agriculture recommends approval of this request, and I concur.

On motion of Dr. Noble, this recommendation was adopted.

**REPORT OF GIFTS**

(10) The following report of gifts received by the University since the last report:

From the Western Electric Company, of Chicago, through Mr. E. V. Reigle, electrical condensers, coils, and resistances valued at \$50 for the use of the Department of Electrical Engineering.

From Dr. David Kinley a Chinese painting on silk brought by him from Peiping and presented to the College of Fine and Applied Arts.

From the International Cellucotton Products Company the sum of \$3,600 for research work during 1932 on the hygienic care of the skin.

On motion of Dr. Noble, the acceptance of these gifts was approved.

**QUARTERLY AUDIT OF UNIVERSITY ACCOUNTS**

(11) A report from Arthur Young and Company, public accountants, on their audit of the accounts of the University for the quarter ended December 31, 1931.

January 22, 1932

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRs,

We have audited the books of the University of Illinois for the quarter ended December 31, 1931, and submit the following summary of the work done and the result of the audit:

The cash receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and the vouchers certified to the State Auditor for payment have been checked into the cash book and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of payroll vouchers of non-appointees has been checked against the original time reports on file in the respective departments. Salaries paid to appointees have been checked against the Secretary's letters of appointment. The footings of the cash book have been proved.

The cash balance in the hands of the University Treasurer at December 31, 1931, together with the securities of the University in his custody, as shown by the books of account, have been verified by actual inspection and/or confirmation from the depository. We have also examined the securities deposited by the depository bank, protecting the general University funds on deposit. According to records on file in the business office, these securities amounted to \$835,000 on December 31, 1931, and University funds, other than trust funds, on deposit at the same date amounted to \$817,088.76. Of the securities so deposited, \$25,000 were withdrawn on January 6, 1932, leaving on deposit \$810,800 of securities at the time of our inspection, January 9, 1932, and made up as follows:

Obligations of the United States.....	\$805,800
Champaign County, Illinois, Tax Anticipation Warrants.....	5,000
	<hr/>
	\$810,800

Cash on hand was verified by actual count.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the Registrar and of the various operating departments.

The accounts of the Chicago departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct. Appropriation accounts kept at the Chicago business office have been reconciled with the corresponding control accounts kept at Urbana.

The records of the meetings of the Board of Trustees of October 30, November 16 and December 15, 1931 have been examined and all actions affecting the finances of the University, in so far as they had been consummated at the time of our audit, have been checked into the books of account. The records of previous meetings have likewise been examined with respect to transactions consummated and recorded in the financial books during the quarter under audit.

The records of the purchasing division have been inspected and a number of the larger purchase orders issued have been compared with relative bids and quotations. Contracts and bids on file in the office of the Supervising Architect have been checked against reports made to the Board of Trustees as shown in the minutes of the meetings of the Board.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All income which the University should have received during the quarter ended December 31, 1931 has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at December 31, 1931 are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The report of the Comptroller to the Board of Trustees as at December 31, 1931, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The financial report of the Comptroller to the Governor of the State of Illinois for the period beginning July 1, 1931 and ending December 31, 1931 is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & Co.

This report was received for record.

#### QUARTERLY REPORT OF THE COMPTROLLER

(12) The quarterly report of the Comptroller as at December 31, 1931.

#### QUARTERLY REPORT OF THE COMPTROLLER QUARTER ENDED DECEMBER 31, 1931

#### SUMMARY

##### *Reserve and Contingent Fund*

The unappropriated balance of the Reserve and Contingent Fund at the close of the quarter was \$171,639, as per Schedule B. The balance at the corresponding date a year ago was \$211,426. Of the present amount, \$41,558 represents the unappropriated balance of the estimated income of the fiscal year, and \$130,081 represents a balance carried forward July 1, 1931.

##### *Budget Income*

Realization of the budget income for the quarter, as per Schedule D, was as follows:

	<i>Estimate for Year</i>	<i>Per Cent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (Per cent realized represents portion expended to December 31, 1931).....	\$4 940 000 00	52.1	45.8
Federal Funds .....	478 223 00	53.6	56.1
Student Fees.....	1 125 000 00	48.5	52.4
Agricultural Sales Credited to Revolving Accounts.....	121 272 00	44.0	44.8
Credited to Budget Income.....	114 150 00	41.4	54.6
Miscellaneous Sales and Receipts.....	95 000 00	66.4	42.2

##### *Treasurer's Balance*

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$961,118 (Schedule C). On the corresponding date a year ago, the balance was \$851,195. Of the present balance \$523,706 represents general University funds, \$26,829 Federal Funds, \$256,817 residence hall funds, and \$153,766 trust funds. Securities totaling \$835,800 have been deposited by the Treasurer to secure the general University funds, Federal funds, and residence hall funds.

##### *State Funds Balances*

The total balance of all State Appropriations as at the end of the quarter was \$3,768,788. Of this total, \$2,366,749 was for operations, \$1,392,389 was for new buildings, and \$9,650 was for special purposes (see Schedule C). The sum, \$2,366,749, is payable out of the Mill Tax Fund, while \$1,402,039 is pay-

able out of the General Revenue Fund. The balance in the Mill Tax Fund at the end of the quarter, allowing for outstanding warrants, was \$545,343. Of this amount \$141,082 consists of a Cook County School Order and is not available for University expenditure. Uncollected taxes for 1929 and 1930 account for the unrealized difference.

#### *Budget Expenditures*

Board appropriations to departments for the current fiscal year total \$6,665,152, including salaries \$4,477,780, and expense and equipment \$2,187,372. These were 46.1 percent expended at the end of the quarter, and 2.0 percent encumbered. (Included in Schedule E). On the corresponding date a year ago these appropriations were 46.0 percent expended and 2.2 percent encumbered.

#### *Expendable Trust Funds*

Balances at the beginning of the year and receipts for the year on account of Expendable Trust and Special Funds arising from gifts and income from endowments totaled \$261,945, disbursements were \$122,375, encumbrances were \$6,071, leaving an unencumbered balance at the end of the quarter of \$133,499, per Schedule H.

#### *Endowment Funds*

Endowment funds from private gifts for special purposes (see Schedule G) amounted, on December 31, 1931, to \$371,717.

#### *Student Loan Funds*

Student loan funds from private gifts as of December 31, 1931 totaled \$198,768, per Schedule A. Loans outstanding as of that date amounted to \$186,334, leaving \$12,434 available for loaning.

#### *Indebtedness on Property*

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6 percent bonds totaling \$48,400 on the Dental Building in Chicago, due in 1932 (Schedule A).

LLOYD MOREY  
Comptroller

SCHEDULE A  
BALANCE SHEET AS AT  
DECEMBER 31, 1931

ASSETS

<i>I. General and Buildings Funds</i>			
Cash with University Treasurer (Schedule C).....		\$807 352 07 <sup>1</sup>	
Petty Cash Funds.....		30 600 00	
Balances in State Appropriation (Schedule C):			
For Operation (Schedule D)			
(Mill Tax).....	\$2 366 748 71		
For Buildings.....	1 392 389 02		
For Special Purposes.....	<u>9 650 67</u>	3 768 788 40	
Notes Receivable.....		478 00	
Accounts Receivable.....		38 507 79	
Stores and Service Departments—Inventories			
(Schedule F).....		139 718 88	
Unrealized Estimated Income (Schedule D):			
Smith-Lever, Hatch-Adams, Purnell, Capper-Ketcham, and Additional Cooperative Fund, U. S. Appropriations.....	189 886 21		
Interest on Endowment (Land Grant of 1862).....	16 225 33		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	579 411 00		
Agricultural Sales.....	66 901 10		
Miscellaneous Sources.....	31 918 19		
Creamery Surplus.....	<u>12 500 00</u>	912 841 83	\$5 698 286 97
<i>II. Trust Funds</i>			
Cash with University Treasurer (Schedule C).....		153 766 15	
Notes Receivable (Student Loans).....		186 333 60	
Prepaid Insurance.....		105 84	
Investments:			
Stocks and Bonds.....	323 300 02		
Land.....	<u>46 550 00</u>	369 850 02	710 055 61
<i>III. Land Grant Endowment Fund</i>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<i>IV. Plant and Property</i>			
Plant and Property (July 1, 1931).....		<u>27 378 271 57</u>	
<i>Total Assets</i> .....			<u>\$34 435 627 06</u>

LIABILITIES AND SURPLUS

<i>I. General and Building Funds</i>			
Appropriation Balances (See Schedule E):			
Encumbered.....	216 065 01		
Unencumbered.....	<u>4 884 343 81</u>	\$5 100 408 82	
Reserve for Petty Cash Funds.....		30 600 00	
Reserve for Stores.....		122 360 64	
Residence Hall and Hospital Balances.....		256 817 51	
Unappropriated Agricultural Income.....		16 461 47	
Unappropriated General Income (Reserve and Contingent Fund) (Schedule B).....		<u>171 638 53</u>	\$5 698 286 97
<i>II. Trust Funds</i>			
Expendable Funds (Schedule H):			
Encumbered.....	6 071 47		
Unencumbered.....	<u>133 498 98</u>	139 570 45	
Non-Expendable Funds (Schedule G).....		371 717 20	
Student Loan Funds.....		<u>198 767 96</u>	710 055 61
<i>III. Land Grant Endowment Fund</i> .....			
			649 012 91
<i>IV. Plant Liabilities and Investment</i>			
Dental Property Bonds.....	49 400 00		
Less: Treasury Bonds.....	<u>1 000 00</u>	48 400 00	
Invested and Fixed Assets.....		<u>27 329 871 57</u>	<u>27 378 271 57</u>
<i>Total Liabilities and Surplus</i> .....			<u>\$34 435 627 06</u>

<sup>1</sup>Securities totaling \$835,800 have been deposited by the Treasurer to secure this balance.

SCHEDULE B  
STATEMENT OF RESERVE AND CONTINGENT FUND  
FOR THE QUARTER ENDED DECEMBER 31, 1931

Balance Forward October 1, 1931.....			\$219 599 01
<i>Add:</i>			
Lapsed 1930-31 Balances (previously carried forward to cover encumbrances but not required)	\$	752 69	
Balance lapsed (Soil Survey Reports—Printing)..	\$	1 720 87	2 473 56 \$222 072 57
<i>Deduct:</i>			
Changes and Adjustments to Budget:			
Miscellaneous Salary Adjustments:			
Chemistry.....		360 00	
Philosophy.....		200 00	
Zoology.....		100 00	
Electrical Engineering College.....		720 00	
Physics College.....		600 00	
Library School.....		100 00	2 080 00
Special Appropriations made by Board of Trustees:			
In Meeting October 30, 1931:			
University Counsel (additional) (Page 460)		400 00	
Death Benefits (Adah Patton) (Page 460)...	1	700 00	
Sociology Special Studies (additional) (Page 460).....		950 00	
President's House Furnishings (additional) (Page 475).....		5 000 00	
Military Barn Rebuilding (Page 476).....		2 500 00	
Purchase of Dental Building Bonds (Page 475).....		1 030 00	
Physical Plant Extension (additional) (Page 476).....		15 000 00	
In Meeting December 15, 1931:			
Death Benefits (J. D. Van Cleave) (Page 492)		842 25	
Agriculture—Special Equipment (Page 492)...	12	200 00	
Archaeological Explorations (additional) (Page 492).....		1 000 00	
Garage—State Geological Survey (Page 497)		7 500 00	48 122 25
Assignments to cover 1930-31 Encumbrances (Balance lapsed in error).....			231 79 50 434 04
<i>Unappropriated Balance of Income December 31, 1931 (to Schedule A).....</i>			<u>\$171 638 53<sup>1</sup></u>

<sup>1</sup> From 1930-31 Balance (Non-recurring).....	\$130 080 87
From estimated 1931-32 income (Budget Balance).....	41 557 66
	<u>\$171 638 53</u>

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1931-32 TO DECEMBER 31, 1931

	Balance July 1, 1931	Receipts and State Appropri- ations	Disburse- ments	Balance December 31, 1931 (See Sch. A)
<i>Funds in Possession of University Treasurer</i>				
General Fund.....	\$ 663 136 28	\$1 128 480 00	\$ 984 264 21	\$ 807 352 07 <sup>1</sup>
Trust Funds.....	108 375 99	218 040 15	172 649 99	153 766 15
Total.....	(771 512 27)	(1 346 520 15)	(1 156 914 20)	(961 118 22)
<i>State Appropriations</i>				
For Operation:				
Salaries and Wages.....		3 675 000 00	1 989 104 16	1 685 895 84
Office Expense.....	5 837 53	150 000 00	71 068 56	84 768 97
Travel.....		35 000 00	18 600 20	16 399 80
Operation.....	3 993 04	500 000 00	227 879 17	276 113 87
Repairs.....	22 745 38	165 000 00	93 099 67	94 645 71
Equipment.....	21 690 89	315 000 00	154 607 93	182 082 96
Improvements.....	14 189 08	100 000 00	87 347 52	26 841 56
Total, Operation....	(68 455 92)	(4 940 000 00)	(2 641 707 21)	(2 366 748 71)
For Buildings:				
1931-33:				
Medical and Dental Laboratories (Second Unit).....		1 400 000 00	7 610 98	1 392 389 02
1929-31:				
Chemistry Annex ...	1 883 34		1 883 34	
Medical and Dental Laboratories (First Unit).....	602 999 80		602 999 80	
Power Plant Addition	7 083 86		7 083 86	
Woman's Gymnasium	76 694 14		76 694 14	
Total, Buildings...	(688 661 23)	(1 400 000 00)	(696 272 21)	(1 392 389 02)
For Special Purposes:				
Agricultural Experiment Station, Cook County	941 97	15 000 00	6 291 30	9 650 67
Total, State.....	(758 059 12)	(6 355 000 00)	(3 344 270 72)	(3 768 788 40)
Grand Total ..	<u>\$1 529 571 39</u>	<u>\$7 701 520 15</u>	<u>\$4 501 184 92</u>	<u>\$4 729 906 62</u>
<i>Operations of State Mill Tax Fund for the University of Illinois,</i>				
July 1, 1931 to December 31, 1931				
Vouchers issued in excess of available funds July 1, 1931.....				\$ 86 862 36*
Receipts to December 31, 1931.....				<u>709 661 56</u>
Vouchers issued against Fund: Applied on 1930-31 University Budget.....				613 799 20
Balance Available December 31, 1931.....				<u>\$545 343 28<sup>2</sup></u>

<sup>1</sup>Securities totaling \$835,800 have been deposited by the Treasurer to secure this balance.

<sup>2</sup>Of this amount, \$141,081.51 consists of a Cook County School Order and is not available for University expenditure.

\*Deduct.

SCHEDULE D  
REALIZATION OF INCOME FOR OPERATIONS  
1931-32 TO DECEMBER 31, 1932

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (Schedule A)</i>
<i>State Funds</i>			
From Mill Tax.....	\$2 400 000 00		\$2 400 000 00
From General Revenue.....	2 540 000 00	\$2 573 251 29	33 251 29 <sup>1</sup>
<i>Total, State</i> .....	(4 940 000 00)	(2 573 251 29)	(2 366 748 71)
<i>Other Sources</i>			
Credited to Special Budget Income Accounts (Schedule A):			
From U. S. Treasurer:			
Smith-Lever Fund.....	220 311 40	110 155 70	110 155 70
Capper-Ketcham Fund.....	38 461 01	19 230 50	19 230 51
Additional Extension Fund.....	31 000 00	15 500 00	15 500 00
Hatch-Adams Fund.....	30 000 00	15 000 00	15 000 00
Purnell Fund.....	60 000 00	30 000 00	30 000 00
<i>Total, Federal</i> .....	(379 772 41)	(189 886 20)	(189 886 21)
From State Treasurer:			
Interest on Endowment Fund.....	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....	16 000 00		16 000 00
From Student Fees.....	1 125 000 00	545 589 90	579 411 00
From Agricultural Sales.....	114 150 00	47 248 90	66 901 10
From Miscellaneous Income.....	95 000 00	63 081 81	31 918 19
From Creamery Surplus.....	12 500 00		12 500 00 <sup>2</sup>
<i>Total Credited to Special Budget Income Accounts</i> .....	(1 824 873 07)	(912 031 24)	(912 841 83)
Credited Direct to Appropriation and Revolving Accounts:			
From Agricultural Sales.....	108 772 00	53 301 15	55 470 85 <sup>2</sup>
From Other Income.....		10 039 89	10 039 89 <sup>2</sup> 1, 2
<i>Total Credited Direct to Appropriations and Revolving Accounts</i> .....	(108 772 00)	(63 341 04)	(45 430 96)
<i>Grand Total</i> .....	<u>\$6 873 645 07</u>	<u>\$3 548 623 57</u>	<u>\$3 325 021 50</u>

\*Deduct, amount realized in excess of estimate.

<sup>1</sup>No budget estimate set up.

<sup>2</sup>Credited direct to revolving accounts, not carried as separate items on Balance Sheet.

<sup>3</sup>To be transferred from Creamery Operating Account June 30, 1932.

## SCHEDULE E

SUMMARY OF BOARD APPROPRIATIONS  
AS AT DECEMBER 31, 1931

	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General	\$ 479 561 47	\$ 222 481 88	\$ 10 537 25	\$ 246 542 34
Library	319 801 72	151 390 75	48 010 06	120 400 91
Liberal Arts and Sciences	1 238 289 44	567 628 64	7 288 57	663 372 23
Engineering	658 049 44	307 616 03	12 926 29	337 507 12
Agriculture:				
University Appropriation	1 081 041 98	530 720 86	17 203 03	533 118 09
U. S. Extension	305 032 00	130 175 02	2 339 91	172 517 97
Graduate School	91 935 86	39 159 02	6 263 27	46 513 57
Journalism	32 896 36	15 750 53	132 69	17 013 14
Law	80 911 00	40 271 02	11 50	40 628 48
Library School	33 846 50	14 732 96	15 70	19 097 84
Military	30 391 18	5 196 97	129 48	25 064 73
Summer Session 1931	47 018 95	45 250 54		1 768 41
Summer Session 1932	43 064 48	58 34	150 00	42 856 14
Fine and Applied Arts	215 256 94	93 828 74	1 178 74	120 249 46
Education	198 559 07	86 706 55	1 313 30	110 539 22
Commerce	224 198 20	106 603 51	866 81	116 727 88
Physical Welfare	132 666 97	62 946 53	3 559 01	66 161 43
Physical Plant Operation and Maintenance	697 106 00	348 898 39		348 207 61
Medicine, Dentistry, and Pharmacy	957 415 68	439 653 39	20 822 16	496 940 13
<b>Sub-total</b>	<b>\$(6 867 044 14)</b>	<b>\$(3 209 069 67)</b>	<b>\$(132 747 77)</b>	<b>\$(3 525 226 70)</b>
Land, Buildings and Im- provements:				
Special State Building Appropriations	2 089 709 31	698 171 00	58 465 20	1 333 073 11
Other Appropriations	302 969 47	252 073 43	24 852 04	26 044 00
<b>Grand Total</b>	<b>\$ 9 259 722 92</b>	<b>\$ 4 159 314 10</b>	<b>\$ 216 065 01</b>	<b>\$ 4 884 343 81</b>

## SCHEDULE F

SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT DECEMBER 31, 1931

	Balance July 1, 1931	Disburse- ments	Credits from Department Requisitions and Sales	Balance December 31, 1931
Storerooms	\$113 816 48	\$ 186 796 61	\$ 178 701 62	\$121 911 47
Service Departments	790 39*	870 992 17	855 150 67	15 051 11
Revolving Accounts	418 21*	13 467 64	10 293 13	2 756 30
<b>Total</b>	<b>\$112 607 88</b>	<b>\$1 071 256 42</b>	<b>\$1 044 145 42</b>	<b>\$139 718 88</b>

\*Credit Balance.

## SCHEDULE G

SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT DECEMBER 31, 1931

	Total July 1, 1931	Additions	Total December 31, 1931
Professorial and Lectureship Endowments	\$145 332 43	\$ 112 50	\$145 444 93
Scholarship, Fellowship, and Prize Endowments	84 857 77	20 000 00	104 857 77
Miscellaneous Endowments	120 400 54	100 00	120 500 54
Gains and Losses on Group Investments		913 96	913 96
<b>Grand Total</b>	<b>\$350 590 74</b>	<b>\$21 126 46</b>	<b>\$371 717 20<sup>1</sup></b>

<sup>1</sup>Invested as follows:

Special Investments (including Carter-Pennell Farms)	\$251 953 87	
Group Investments	117 396 15	
<b>Total Investments</b>		<b>\$369 350 02</b>
<b>Uninvested Total</b>		<b>\$ 2 367 18</b>

**SCHEDULE H**  
**SUMMARY OF EXPENDABLE TRUST FUNDS**  
**AS AT DECEMBER 31, 1931**

	Total Credits	Disburse- ments	Encum- brances	Free Balance December 31, 1931
Professional and Lectureship Endowment Income.....	\$ 3 971 54	\$ 1 777 72		\$ 2 193 82
Student Loan Endowments Income (Sub- ject to annuity).....	365 35	125 00		240 35
Scholarship, Fellowship and Prize En- dowments Income.....	4 717 49	2 257 77	\$ 15 30	2 444 42
Miscellaneous Endowments Income.....	5 084 58	1 334 52		3 750 06
Building and Improvement Gifts.....	620 54	23 80	14 64	582 10
Scholarship, Fellowship, and Prize Gifts	13 839 63	4 309 42		9 530 21
Research Gifts.....	136 292 55	99 109 81	5 236 38	31 946 36
Other Expendable Funds.....	37 995 58	5 701 25	17 30	32 277 03
Deposit Funds.....	59 057 86	7 735 38	787 85	50 534 63
<i>Grand Total</i> .....	<u>\$261 945 12</u>	<u>\$122 374 67</u>	<u>\$6 071 47</u>	<u>\$133 498 98</u>

## APPENDIX

**STATEMENT OF MEMORIAL STADIUM FUND**  
**AS AT DECEMBER 31, 1931**

Cash Balance, July 1, 1931.....	\$1 042 33		
Receipts, July 1 to December 31:			
From Subscriptions.....	\$214 00		
From Interest on Pledges.....	1 00		
From Office Collection Expense Refunded by the Athletic Association.....	127 71	342 71	\$ 1 385 04
Disbursements, July 1 to December 31:			
For Office Collection Expense.....	121 39		
For Payments on Borrowed Money.....	1 135 00		1 256 39
Cash Balance, December 31, 1931.....			\$ 128 65
Advanced by Athletic Association for Completion of Stadium.....			\$ 25 365 00
Uncollected Pledges.....			<u>\$482 291 69</u>

This report was received for record.

## STADIUM FUND

(13) The Comptroller calls attention to the fact that the Treasurer of the University has been serving since September 13, 1922 (Minutes, page 285), as Treasurer of the Stadium Fund which the Board of Trustees agreed on October 12, 1921, to accept and handle. The Treasurer used the First National Bank of Champaign as the depository for this fund. At the time of the closing of the Bank on January 16, 1932, the balance in that fund was \$243.65.

This report was received for record.

## REPORT ON PURCHASE OF SECURITIES

(14) On January 13, 1932 (Minutes, page 506), the Board authorized the purchase of \$2500 of Houston Power and Light 5% bonds of 1953 at a price not to exceed 95. The Comptroller reports that \$500 of these bonds were purchased at that price just at the time the First National Bank of Champaign closed and in view of that incident he asked that the remainder of the order be held for further word. It now appears that in view of the plans of the Department of Physical Education for Women to use approximately \$3,000 of the May Fêtes fund, which for several years has been invested in securities, it may not be possible to make any additional investments of endowment funds at this time.

This report was received for record.

## C. P. A. CERTIFICATES

(15) A recommendation from the Committee on Accountancy that the certificate of Certified Public Accountant be awarded the following candidates who

have been certified by the Board of Examiners in Accountancy as having passed the C. P. A. examinations:

*November, 1931, examination*

ROY LINUS ALBORG  
LA VERNE ARCHER  
MAURICE A. BENSON  
PAUL BERNSEN  
GEORGE FREDERICK BETTS  
FRANCIS JOSEPH BLAISE  
WILLIAM M. BOLTON  
ROLLIN A. BROOKS  
WALTER MONROE BRUFLAT  
AUGUST JOHN BUSH  
FRANK JOSEPH CEITHAML  
RAY A. CHODD  
JOHN PETER CHOLE  
FRANCIS EVERETT CONKLIN  
ALVIN ROBERTSON CORD  
EUGENE CLEMENT COYLE, JR.  
ANTHONY BYRNE DONLIN  
DEAN DREWRY  
ALBERT OSCAR ECK  
GILBERT HOLLISTER FINCH  
NATHAN ROY GAULT  
URBAN JOSEPH GERDES  
MARY CATHERINE GILDEA  
NELSON JESSE GOODSSELL  
JULIUS GOROWITZ  
GEORGE DEWEY GUYMON

LEO GABRIEL HARRIS  
JAMES LEONARD HEALEY  
THADDEUS ANTHONY HOPPE  
CLARENCE HENRY HUMMEL  
PAUL FRANCIS JOHNSON  
SAMUEL J. KANTOR  
LAWRENCE A. LEPHART  
LOUIS STEEN STEENSEN MADSEN  
SAMUEL MITCHEL  
LOUIS SEYMOUR MOSER  
HERMAN JOHN OLT  
OTTO ROY PECHA, JR.  
WILLIAM PETERSON  
LELAND ERNEST REANEY  
ALFRED H. REISER  
JAMES LINDSAY ROSE  
IRVING ROTHBART  
GEORGE LUCIEN RYAN  
CLARENCE ALVIN SCHOMMER  
JOSEPH RUSSELL SHRAIDER  
MORTON FRED SIFF  
REGINALD HALL SLANEY  
AMOS M. SORENSEN  
RICHARD OLIVER WANDAS  
ALEXANDER ROBERT DAVISON WETHERALL  
FRANK HENRY ZIEBELL, JR.

*May, 1931, examination*

BENJAMIN THEODORE HERSH

The award of these certificates was authorized.

**CONFERENCE WITH GOVERNOR**

President Chase reported the results of a conference of the President of the Board, the President of the University, the Comptroller, and the University Counsel with Governor Emmerson on Tuesday, February 2, on the financial situation.

**PATENTS**

Mr. Barrett, for the Committee on Patents, presented two recommendations as follows:

- I. That the city of Decatur be permitted to use the Buswell sewage patents No. 1,838,474 and No. 1,838,475 without royalty.
- II. That the Niagara Sprayer and Chemical Company's permit to use the Flint patent be continued.

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

**DEGREES CONFERRED IN FEBRUARY**

The Secretary presented for record a list of degrees conferred in February, 1932.

**GRADUATE SCHOOL**

**Degree of Master of Arts**

**In Chemistry**

HOWARD DENTON COGAN, A.B., Ohio Wesleyan University, 1929  
ELLSWORTH KNOWLTON ELLINGBOE, A.B., Lawrence College, 1930  
CHARLES FRANK WOODWARD, A.B., Lawrence College, 1930

## In Economics

WILLIAM ASHTON KERR, A.B., College of the City of Detroit, 1930  
 GLEN EARL LONG, B.S., 1925  
 YING WU, A.B., Shanghai Baptist College, 1928

## In Education

HARRY DRAKE ANDERSON, B.Ed., Western Illinois State Teachers College, 1925  
 SADIE RUTH BOYCE, A.B., 1925  
 RUTH ALBERTA BROOM, A.B., 1928  
 RUBY LILLIAN CRUME, A.B., Georgetown College, 1921  
 WILLARD RILEY HENSON, B.Ed., Southern Illinois State Teachers College, 1925,  
 B.S., 1929  
 WILLIAM THOMAS JAQUES, A.B., Illinois Wesleyan University, 1927  
 HARRY HOWARD LEES, B.Ed., Illinois State Normal University, 1926  
 LENA MAE LEES, B.Ed., Illinois State Normal University, 1926  
 KENNETH LEO LETSINGER, A.B., Wabash College, 1923  
 DOROTHY LILLIAN STAHLER, A.B., Carleton College, 1926

## In English

JULIA HIMLIN HENNINGER, A.B., Illinois Wesleyan University, 1922  
 MAUDE MARIE LEONARD, A.B., Eureka College, 1921  
 CARL SHELDON McCLAIN, A.B., Olivet College, 1923  
 EARL NORTON LOCKARD, A.B., 1926  
 JACOB SILAS SLOVIC, A.B., 1931  
 JOHN ALLAN SMITH, A.B., Illinois Wesleyan University, 1927

## In Geology

CHARLES ROOSEVELT CLARK, A.B., 1926

## In German

RUDOLF GOTTHELF VOIGT, University of Leipzig, 1922

## In Library Science

JAMES RATLIFF GULLEDGE, A.B., Trinity College (Durham, N. C.), 1915  
 MARGARET OLDFATHER, A.B., B.S. in L.S., 1926, 1927

## In Physics

CLYDE TRUMAN McCORMICK, A.B., 1930  
 ROBERT THOMPSON YOUNG, JR., A.B., University of Montana, 1930

## In Romance Languages

HELEN CLEAVER, A.B., Eureka College, 1928

**Degree of Master of Arts**

(Conferred in Chicago)

## In Psychology

RALPH R. BROWN, A.B., Ohio University, 1931  
 MARGIE ELIZABETH FRANCIS, A.B., 1930  
 HELEN ELIZABETH SANDERSON, A.B., Smith College, 1930  
 ZELDA HARRIET SHAPIRO, Ph.B., University of Chicago, 1930

**Degree of Master of Science**

## In Architecture

DONALD POST AYRES, B.S., 1929

## In Business Organization and Operation

EDWARD BREWSTER FREELAND, B.S., 1931

## In Chemistry

PAUL FRANKLIN CUNDY, A.B., 1930  
 CARLIN FRARY GIBBS, B.S., Knox College, 1930

MAX THEODORE JOHN GOEBEL, A.B., 1928  
 HELEN JANE GURLEY, B.S., Illinois Wesleyan University, 1928  
 ARNOLD JOHN HOFFMAN, B.S., Eureka College, 1930  
 HENRY RAUCH, B.S., 1931  
 ELLIS HENRY REICH, A.B., Illinois College, 1929

In Civil Engineering

CHARLES CYRUS FISHBURN, B.C.E., University of Cincinnati, 1916  
 WILFRED MAIN HONOUR, B.S., Georgia School of Technology, 1929  
 FRANK WHITWORTH STURBS, JR., B.S., C.E., University of Colorado, 1921, 1926  
 EDWARD W. SUPPGER, B.S., 1928

In Economics

MALCOLM FARNSWORTH HESLIP, B.S., 1923  
 MOLLIE FANNIE SACKS, B.S., 1930  
 OSWALT VOPELIUS, Diploma, University of Gottingen, 1925, D.Agr., University of Berlin, 1929

In Education

MARTHA WILEY DUELL, B.S., Oxford College, 1900  
 RAPHAEL ANTHONY FREEHILL, B.Ed., Illinois State Normal University, 1930  
 HERBERT JAY, B.S., 1926  
 HAROLD EUGENE KENNEY, B.S., 1926  
 GLENN CLINE LAW, B.S., 1926  
 ROY JOHN LOGAN, B.Ed., Illinois State Normal University, 1931  
 HENRY JOSEPH KUHS MARX, B.S., 1923  
 WILLIAM ROBERT REICH, B.S., 1922  
 WILLIAM JACKSON TREECE, B.S., 1928  
 WESLEY THEODORE WOOLEY, B.S., 1928

In Entomology

PETER TSING-HAN LI, B.S., 1931  
 LEE HILL TOWNSEND, B.S., University of Virginia, 1925

In Horticulture

LOUIS RALPH BRYANT, A.B., 1931

In Physics

RICHARD KAUFMAN COOK, B.S., 1931  
 ROLLAND CLARK WAGNER, B.Ed., Southern Illinois State Teachers College, 1927  
 SAMUEL GEORGE WEISSBERG, B.S., University of Pittsburgh, 1930

In Railway Engineering

CHI-HSIEN TSAO, B.S., Northwestern University, 1929

In Transportation

CHUAN SHU LIU, B.S., Chiao Tung University, 1924  
 HARRISON READ MINER, B.S., 1930

**Degree of Master of Science**  
 (Conferred in Chicago)

In Pathology

PAUL HURWITZ, B.S., 1930

In Pharmacology

VIRGIL ARNETT GANT, B.S., 1921

In Surgery

HAROLD IRVING MEYER, A.B., B.S., 1919, 1920, M.D., Rush Medical College, 1923

**Degree of Doctor of Philosophy**

## In Animal Husbandry

LAWRENCE CLIFFORD THOMAS, B.S., Ottawa University, 1919, M.S., Kansas State Agricultural College, 1926

## In Chemistry

DARRELL ALTHAUSEN, B.S., University of Oklahoma, 1926  
 WILLIAM LAWRENCE FAITH, B.S., University of Maryland, 1928, M.S., 1929  
 LEONORE BEATRICE HOLLANDER, B.A., Bryn Mawr College, 1926, A.M., 1929  
 DONALD DURAND PEIRCE, B.A., Oberlin College, 1923, A.M., 1929  
 ROGER SPENCER SWEET, B.A., M.A., University of Denver, 1927, 1928

## In Economics

EDWARD FREDERICK NICKOLEY, A.B., A.M., 1898, 1915  
 OREN LESLIE WHALIN, B.S., M.S., 1918, 1925

## In History

THOMAS FRANCIS CLEARY, A.B., St. Viator College, 1912  
 ELMER CLARENCE SANDMEYER, A.B., Iowa Wesleyan College, 1917, B.D., Garrett Biblical Institute, 1918, A.M., 1924

## In Romance Languages

JAMES OBED SWAIN, A.B., A.M., Indiana University, 1921, 1923  
 SISTER MARY CONSTANTIA FOX, B.V.M., A.B., Mount Saint Joseph College, 1924, A.M., 1929

## In Zoology

BENJAMIN HARVEY HILL, A.B., M.S., Texas Christian University, 1921, 1925  
 WILLARD FRANCIS STANLEY, A.B., North Central College, 1927, A.M., 1928

**COLLEGE OF LIBERAL ARTS AND SCIENCES****Degree of Bachelor of Arts**

## In Liberal Arts and Sciences

MARTHA BYRD BAKER	DELBERT WILLIAM LOOS
JOHN ALBERT BECKWITH	EDWARD HENRY MCGINNIS
WILLIAM SHELDON BLAISDELL	FLORENCE ELIZABETH MARTIN, with
IRENE DOROTHY BOYER	Honors in Psychology
CHARLOTTE ELIZABETH CLAUSSEN	MILDRED CLAIRE MERCEREAU
RALPH PHILLIP DARLING	IGNATIUS DANIEL MILENSKI
JAMES RICHARD DORSEY	ROBERT MARION O'NEIL
JOSEPH EVERETT EWERS	MARGARET BORDNER OSBORN, with
FRANK VICTOR FLASKA, with Honors	Honors in English
in History	ALAN STANLEY PEIRCE
HOWARD WILLBANKS FRICK	WILLIAM LOCKHART POWNALL
NORA READ GASTON	JOSEPH NEWTON RODEHEAVER, JR.
HARRY EDWIN GEARHART	LOUIS SANDS RODGER
JOHN FRANCIS GRAHAM	ALBERT LOUIS SEIDEL
ROBERT LEROY GREENE	EDWARD HOWARD SILVERMAN
THEODORE AUGUST CHRISTIAN	MILTON SINGER
HELMREICH, with Honors in Eco-	ETHEL STEVENS, with Honors in
nomics	Mathematics
NOEL JOHN HERSHEY	ELBERT HOOVER STIFF
FRED LEE JOHNSTON	DOROTHY ALBERTINA STUBER
CHARLES KATEK, with Honors in	RUTH SNYDER SUMMERS, with Honors
History	in German
GERTRUDE GRAHAM KENDALL	CLARENCE WILBUR THOMAS
MERNO KING	RALPH MCILDUFF THOMPSON
MARY CATHERINE LINDSAY	MARION WAISS

MARY JOSEPHINE WALLACE  
 JEROME WALZ  
 EMMET MORLEY WEBB  
 ELLEN FRANCES WHITE

HARRY MANSFIELD WIENMAN  
 MARTHA RIGHTER WILLMAN, with  
 High Honors in History  
 JUANITA RUTH WILSON

In Home Economics

EMILY JOSEPHINE HOYT

**Degree of Bachelor of Science**

In Liberal Arts and Sciences

PAUL EDWARD GROTTIS

ROSE SCHULMAN

In Chemistry

RALPH ISADORE DORFMAN, with  
 Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

**Degree of Bachelor of Science**

In Accountancy

JULIUS P. JOSEPH, with Honors  
 HENRY WILLIAM SCHMIDT

ALVIN WELCHER

In Banking and Finance

ELDEN WILLIAM RICHARD BRASHAW  
 DONALD ROBERT KENDALL

HAZEN SOLOMON WHALIN

In Commerce and Law

JUNIUS PAUL CALIFF

CHESTER MILTON CARSON

In Foreign Commerce

RICHARD LESTER JOHNSON, with  
 Honors

In General Business

WALTER BURDICK BOOTH  
 EUGENE EDWIN BRULL  
 JANET FIRCHAU  
 EDWARD EVERETT GROVES  
 RAYMOND ANTON LOHR  
 GERTRUDE LILLIAN LUER  
 WAYNE LINTON McMILLEN, with  
 High Honors  
 DONALD BRUCE PIETY  
 WALTER WOLFE RAINER

JOHN JULIUS SCHMIDT  
 JOHN CLARENCE SCHULLER  
 ROBERT FLACK STEENSTRUP  
 CECIL EDWARD SWINEHART  
 GEORGE OWEN TAYLOR  
 JOHN JUNIOR THORNBORROW, with  
 Honors  
 PEN-CHING TIAO  
 JOHN DANIEL TUIE  
 CHING HSIEN WANG

In Industrial Administration

JOHN LAWSON CLAY  
 CARL GUSTAF QUENTIN DANIELSON  
 DONALD HERMAN HERZBERG  
 JOHN ROCHESTER RAMEY

ORVILLE DAVIS THOMPSON  
 LESTER HOLTH THORSON  
 HAROLD CLAYTON VANCE

COLLEGE OF EDUCATION

**Degree of Bachelor of Science**

In Education

VIOLETTE THELMA ABRAMO  
 HERMAN CHRIS AHRENS  
 HERBERT SESSIONS ARNOLD  
 GUNNAR STEVEN CLASON  
 WALTER ERVIN COLLINS

GLENDORA MAE FRANCART  
 SARA FRANCES HEWITT  
 WILLIAM HOFF  
 MARTHA FRANCES HUSE  
 MARIE MARGARET JENSEN

DOROTHY MILDRED KANITZ  
 GEORGE ALFRED LEECH  
 ALBERTA SLATEN MAREING  
 ROBERT SCOTT MURDOCK  
 FLORENCE MARY O'DONNELL  
 MARIAN ELIZABETH PARTLOW

ARTHUR CLARENCE PIERSON  
 ALVIN MINER RANGLES  
 MAE STREITMATTER  
 IRENE THURBER THELEN  
 FRANK FLONIAN ZELIP

In Agricultural Education

CLARENCE PAUL MARKLEY

In Home Economics Education

VERA MARIE BUTLER  
 LILA LILLIAN MERRITT

GRACE ELLEN MILLER  
 RUTH ELIZABETH ROWE

In Industrial Education

MARSHAL GLICK GIBBS

In Music Education

BEULAH MARIE HEY

MARTHA ADELAIDE MEIER MORRIS

In Physical Education

JOHN CLIFFORD EVANS

COLLEGE OF ENGINEERING

**Degree of Bachelor of Science**

In Civil Engineering

RALPH RAYMOND BARTELSMEYER  
 WILLIAM BELLMAN COTT  
 HARRY RICHARD LIBNER  
 HAROLD A. LOW

RUDOLPH AGATON MONSON  
 DONALD CLAY MOORE  
 DONALD GREGG RADCLIFFE

In Electrical Engineering

CHARLES JOHN KAVLOCK  
 CECIL HAROLD LANHAM

RAYMOND GILLETTE WELLS

In Mechanical Engineering

WINFRED EMIL FRANKENFELD  
 FRANK EDWARD HANGS  
 WILLIAM LOWELL HUBER  
 ALOIS KRSEK

ARTHUR PAUL LARSON  
 DELPHIN MURRY LEE  
 MAYNARD STANLEY PETERSON  
 RUSSELL CLAIR WILLIAMS

COLLEGE OF FINE AND APPLIED ARTS

**Degree of Bachelor of Science**

In Architectural Engineering

ARTHUR MANNING MCLEOD

In Architecture

ARTHUR TEMPLE

COLLEGE OF AGRICULTURE

**Degree of Bachelor of Science**

in Agriculture

WEBSTER BERYL BARTHELEMY,  
 with Honors  
 WILBUR CALVIN BROKAW  
 LLOYD SUMNER BURDICK  
 GEORGE WILLIS CORNEY  
 FRANCIS GRIESBAUM EDWARDS  
 JOHN HARRY GILBY  
 JUSTA GEORGE KUEBLER

MILO ANDERSON LOOMIS  
 CARL THEO LYCAN  
 JOSEPH MACRI  
 THEODORE PIERCE  
 LEONARD LOUIS POLAND  
 WALTON WOOD ROSE  
 GLENN WILLIAM VANDERVOORT

## In Floriculture

WILLIAM PAUL KIFFMEYER

## In Home Economics

MARGARET BARBARA JONES

## SCHOOL OF JOURNALISM

**Degree of Bachelor of Science**

ROBERT WORTHINGTON THOMAS, JR.

## COLLEGE OF LAW

**Degree of Doctor of Law**

EDWARD WAITE CLEARY, A.B., 1929, Illinois College, with High Honors

**Degree of Bachelor of Laws**WILLIAM EDWARD ANDERLE  
GLEN ERNEST CHAPMAN  
HAROLD CLYDE JONESJAMES EDWARD LONERGAN  
FRED MCCOLLUM, JR.

## COLLEGE OF MEDICINE

**Degree of Bachelor of Science**

(Conferred in Chicago)

BRUCE NED BALDING  
MAURICE LOREN BECKER  
ALEXANDER OSCAR BIRGERSON  
CASIMIR DEMSKI  
HELEN OCTAVIA DICKENS  
HOWARD GEORGE DIESNER  
SAM HOLTZMAN  
E KENNETH LEWIS  
SAMUEL J LIPNITSKY  
ROBERT McCUNE, JR.MEYER BENJAMIN MARKS  
HARRY DUDLEY MILLER  
EDWARD EDGAR SEIDMON  
FRED WILLIAM SEYMOUR  
SOL SINGER  
JOSEPH B TETON  
FRANK B VORIS  
JOSEPH MONROE WALKER  
SOLOMON CARL WERCH  
IRVING ZIEDMAN**Certificate in Medicine**

(Conferred in Chicago)

JACKSON BERNARD DISMUKES  
FRANK L QUILLMAN

EDWARD ROSS

## COLLEGE OF DENTISTRY

**Degree of Doctor of Dental Surgery**

(Conferred in Chicago)

BRUCE HENDRIC ALLEYNE  
ANDREW CHARLES GODWIN  
WILLIAM JOSEPH HOGAN  
NORMAN PRESTON JOHNSONEDWARD JOHN OSOWSKI  
DONALD EDGAR RIEDL  
MARGARITA ESTER ULLOA

## SCHOOL OF PHARMACY

**Degree of Pharmaceutical Chemist**

(Conferred in Chicago)

SAMUEL COHEN  
LORETTA BEATRICE DETRANA  
SIDNEY HORACE DWORKIN  
CARL LESTER FRIDKIN  
BENJAMIN M FRIEDLAND  
EDWARD J FRIEDMAN  
JOSEPH BERNARD KATZ  
LLOYD HAROLD KORTUMPERCY ELMER MCCLELLAN  
ELMER MILLER  
NICHOLAS EDWARD MIRAGLIA  
SPENCER STANLEY NELSON  
ERWIN ALBERT NEPIL  
JEROME DAVID PAUKER  
MANUEL ROSEN  
THADDEUS FRANK WESOLOWSKI

**APPOINTMENTS MADE BY THE PRESIDENT**

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

Brown, Andrew W., Associate Professor in the Department of Criminology, Social Hygiene, and Medical Jurisprudence, in the College of Medicine, for nine months beginning December 1, 1931, without salary (this is in addition to his appointment as Associate Professor of Psychology) (this supersedes his previous appointment as Assistant Professor). (January 23, 1932)<sup>1</sup>

Haskins, Frederick E., Assistant in Medicine, in the Department of Internal Medicine, in the College of Medicine, for seven months beginning February 1, 1932, without salary. (January 25, 1932)

Medrow, Mrs. Ethel Virginia, Junior Stenographer in the Library, beginning January 16, 1932, and continuing until August 31, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 15, 1932)

Shrout, Duane C., Technician in the Department of Physiological Chemistry, in the College of Medicine, for seven months beginning February 1, 1932, at a cash compensation at the rate of ninety dollars (\$90) a month. (January 29, 1932)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

**ADJOURNED SESSION OF FEBRUARY 10, 1932**

When the Board convened at the Blackstone Hotel, in Chicago, at 2 o'clock p.m. on Wednesday, February 10, 1932, the following members were present: President Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees.

Judge Johnson and Mr. Morey were present.

**TREASURER'S BOND**

Mr. Trees, for the Finance Committee, presented a letter of acceptance and bond of Mr. Frank M. Gordon, Treasurer, with the recommendation that the bond be approved and accepted.

On motion of Mr. Barrett, this bond was approved and accepted.

THE FIDELITY AND CASUALTY COMPANY OF NEW YORK  
HOME OFFICE, 80 MAIDEN LANE, NEW YORK CITY, N.Y.

**TREASURER'S BOND**

KNOW ALL MEN BY THESE PRESENTS, That we, FRANK M. GORDON, as Principal, and THE FIDELITY AND CASUALTY COMPANY OF NEW YORK, a corporation organized and existing under the Laws of the State of New York, and authorized to transact a surety business in the State of Illinois, as Surety, are held and firmly bound unto the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, in the penal sum of ONE-MILLION DOLLARS (\$1,000,000.00), lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our respective heirs, executors, administrators, and assigns, and each of them, by these presents.

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

THE CONDITION of the above obligation is such that

WHEREAS, the above bounded FRANK M. GORDON was on the 6th day of February, A. D. 1932, duly elected to the Office of Treasurer of the University of Illinois, for a period ending on the 11th day of March, A. D. 1933, or until his successor shall be appointed and qualified and is about to assume the duties of said Office:

NOW, THEREFORE, if the said FRANK M. GORDON shall well and truly perform and faithfully discharge the duties of Treasurer of said University of Illinois, during his term of Office, and shall faithfully keep and truly account for all moneys, bonds, securities, or other property coming into his hands as such Treasurer, during his term of office, and shall pay when properly drawn and presented to him all warrants, authorized by the Board of Trustees of the University of Illinois, drawn against funds in his hands belonging to the said University of Illinois, and at the expiration of his term of office, on due request to him, shall pay over and deliver to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys, bonds, securities or any other property received by him as such Treasurer and not otherwise lawfully paid out or disposed of, and shall deliver to his successor in office, or any other person appointed to receive the same, the property, papers, and other things in his hands belonging to said office, and shall at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of the said University of Illinois, render a just and true account of his doings, as such Treasurer, then this obligation shall be null and void; otherwise to remain in full force and effect.

It is agreed that the liability of the principal and of the surety hereunder shall in no manner be affected or lessened by reason of the fact that the principal may demand and receive security from any depository in which funds or securities, belong to or in the custody of the Board of Trustees of the University of Illinois, may be deposited by him, in order to secure such deposit, whether the security thus demanded and received be in the form of collateral securities or of surety bonds, and whether the securities thus demanded and received by the principal be deposited with or in escrow for the Board of Trustees of the University of Illinois, or otherwise; and in case of failure to perform any of the conditions of this obligation, it is agreed that the Board of Trustees of the University of Illinois may elect to proceed against the sureties hereunder, or the surety or security furnished by the depository hereinbefore referred to, in any order, according to its discretion, without affecting or altering the legal liability of the principal and of any surety hereunder to respond in damages.

WITNESS OUR HANDS AND SEALS THIS 10th day of February, A. D. 1932.

F. M. GORDON

THE FIDELITY AND CASUALTY COMPANY OF NEW YORK

By: ALBERT A. KORTE  
*Attorney*

STATE OF ILLINOIS SS  
COUNTY OF COOK

I, Cleo M. Riley, a Notary Public in and for said County in the State aforesaid, do hereby certify that FRANK M. GORDON, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed, and delivered, the said instrument as his free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this 10th day of February, A. D. 1932.

CLEO M. RILEY  
*Notary Public*

APPROVED:

SVEINBJORN JOHNSON  
*Legal Counsel*

STATE OF ILLINOIS }  
 COUNTY OF COOK } SS

I, Cleo M. Riley, a Notary Public of Cook County, in the State of Illinois, do hereby certify that Albert A. Korte, Attorney of The Fidelity and Casualty Co. of New York, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument, for and on behalf of The Fidelity and Casualty Co. of New York for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Chicago, in said County, this tenth day of February, A.D. 1932.

CLEO M. RILEY  
*Notary Public*

My commission expires June 2nd, 1932.

THE FIDELITY AND CASUALTY COMPANY OF NEW YORK

THE PIONEER BONDING COMPANY OF THE UNITED STATES

Bonding Department: Hale Anderson, Vice-President, in charge  
 NEW YORK, N.Y.

KNOW ALL MEN BY THESE PRESENTS:

That The Fidelity and Casualty Company of New York has made, constituted, and appointed, and by these presents does make, constitute, and appoint Albert A. Korte, of Chicago, Illinois, its true and lawful attorney for it and in its name, place, and stead to execute on behalf of the said Company, as surety, bonds, undertakings, and contracts of suretyship to be given to all obligees provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of one million dollars.

IN WITNESS WHEREOF The Fidelity and Casualty Company of New York has caused its official seal to be hereunto affixed, and these presents to be signed by one of its vice-presidents and attested by one of its assistant secretaries this 11th day of May, 1931.

THE FIDELITY AND CASUALTY COMPANY OF NEW YORK

By HALE ANDERSON  
*Vice-President*

Attest:

ALBERT BRUNS  
*Assistant Secretary*

STATE OF NEW YORK }  
 COUNTY OF NEW YORK } SS

Albert Bruns, being duly sworn, deposes and says;

That he is an assistant secretary of The Fidelity and Casualty Company of New York, the corporation which is described in and which executed the instrument overleaf; that he knows the corporate seal of the said corporation; that the seal affixed to the instrument overleaf is the corporate seal of The Fidelity and Casualty Company of New York, and was thereto affixed by order and authority of the board of directors of the said Company; that he signed his name thereto by like order and authority; that he is acquainted with HALE ANDERSON, and knows him to be a vice-president of the said Company; that the signature of said HALE ANDERSON subscribed to the said instrument is in the genuine handwriting of the said HALE ANDERSON, and was thereto subscribed by order and authority of the said board of directors of the said Company; that the said Company is duly and legally incorporated under the laws of the State of New York, and has complied with and is now complying with the provisions of the Act of Congress of August 13, 1894, allowing certain corporations to be accepted as surety on bonds.

The deponent further states that the following is a true copy of an extract from the minutes of a meeting of the board of directors of said Company held at its office in the City of New York on the 18th day of April, 1928, a quorum being present, and that the resolutions contained in the said extract were unanimously adopted and are now in full force and effect:

"RESOLVED, That Robert J. Hillas, the president of the Company, be, and that he hereby is, and that Hale Anderson, a vice-president of the Company, be, and that he hereby is authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute in behalf of The Fidelity and Casualty Company of New York bonds, undertakings, and all contracts of suretyship; and that any vice-president, the vice-president and secretary, or any assistant secretary be, and that each of them hereby is, authorized to attest the execution of any such power of attorney, and to attach thereto the seal of the Company.

"RESOLVED, That either Albert Bruns or William P. Harvey, each an assistant secretary of the Company, be and that he hereby is authorized to execute alone powers of attorney qualifying the attorney named in the given power of attorney to execute in behalf of The Fidelity and Casualty Company of New York bonds, undertakings, and all contracts of suretyship, not exceeding one hundred thousand dollars in amount; and that any vice-president, the vice-president and secretary, or any assistant secretary be, and that each of them hereby is, authorized to attest the execution of any such power of attorney, and to attach thereto the seal of the Company."

ALBERT BRUNS  
*Assistant Secretary*

Sworn to before me this  
11th day of May, 1931

FLORENCE CARROLL  
*Commissioner of Deeds  
City of New York*

I, Frank B. Smedes, an assistant secretary of The Fidelity and Casualty Company of New York, do hereby certify that I have compared the copy of the power of attorney overleaf and the foregoing copy of the affidavit annexed to the said power of attorney with the originals now on file in the home office of the said Company, and that the same are correct transcripts therefrom and of the whole of the said originals, and that the said power of attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto set my hand and affixed the seal of the said Company this tenth day of February, in the year of one thousand nine hundred and thirty-two.

FRANK B. SMEDES  
*Assistant Secretary*

#### TRANSFER OF FUNDS TO MR. GORDON

Mr. Trees, for the Finance Committee, presented also the following resolution, with the recommendation that it be adopted.

#### RESOLUTION

RESOLVED: (1) That Hazen S. Capron, out-going Treasurer, be directed to turn over to Frank M. Gordon, incoming Treasurer, all funds in his hands in excess of warrants against same outstanding and unpaid;

(2) That Hazen S. Capron be directed to turn over to Frank M. Gordon all securities in his hands representing the investment of permanent funds;

(3) That Hazen S. Capron, and Lloyd Morey, Comptroller, be directed to deliver the securities and safe-keeping receipts of the Federal Reserve Bank of Chicago in their hands, deposited by the First National Bank of Champaign to secure a deposit with it by Hazen S. Capron as Treasurer of the Board of Trustees, to Frank M. Gordon, and to instruct the said Federal Reserve Bank to deliver securities covered by the aforesaid safe-keeping receipts to Frank M. Gordon on the presentation of these receipts;

(4) That Frank M. Gordon, Treasurer, be directed to demand and receive from the Federal Reserve Bank of Chicago the securities represented by the aforesaid safe-keeping receipts, and to deposit all securities mentioned in sections 3 and 4 hereof in safe-keeping under the joint control of the Treasurer and the Comptroller or their authorized deputies, to be withdrawn by them only on the order of the Board of Trustees;

(5) That the Treasurer and the Comptroller be and are hereby authorized to designate one or more persons to act as their deputies in effectuating the intent and purposes of the resolution relating to the financial situation and the treasurership of the University adopted February 6, 1932, and of this resolution, said persons to be under suitable bond, and the names of said persons shall be filed with the Secretary of the Board.

On motion of Dr. Noble, this resolution was adopted.

#### CONTRACT WITH FIRST UNION TRUST AND SAVINGS BANK

Mr. Trees, for the Finance Committee, presented also the following resolution and form of contract, with the recommendation that the resolution be adopted and that the contract be approved.

#### RESOLUTION

WHEREAS, the Board of Trustees of the University of Illinois has control of certain securities held in trust by it for educational purposes in connection with the operation of the University of Illinois and it is necessary that these securities be kept in a safe place,

NOW, THEREFORE, BE IT RESOLVED that a contract in substantially the following form be entered into with the First Union Trust and Savings Bank, Chicago, Illinois, and that the same be executed by the Comptroller and Secretary of the Board of Trustees in conformity with subsection II of (d) of Section 47 of Extracts from the Laws of the Board of Trustees of the University of Illinois, issue of 1926:

#### FIRST UNION TRUST AND SAVINGS BANK FIRST NATIONAL BANK BUILDING CHICAGO

#### DEPOSIT AGREEMENT CONCERNING SECURITIES REPRESENTING PERMANENT INVESTMENTS

Agreement of the First Union Trust and Savings Bank, First National Bank Building, Chicago, Illinois, concerning the deposit of securities which are owned by the Board of Trustees of the University of Illinois and represent investment of its trust funds.

THIS AGREEMENT, executed in duplicate, witnesseth that the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, organized and existing under the laws of the State of Illinois, has this day deposited with the said First Union Trust and Savings Bank, Chicago, Illinois, for safe keeping the property described in Schedule A hereto attached and made a part hereof. The securities described in Schedule A shall be held by said First Union Trust and Savings Bank subject to the order of the Board of Trustees of the University of Illinois and until called for by it and shall be delivered at any time on demand to the said Board or to any person upon its order.

The First Union Trust and Savings Bank shall, as long as it holds the said securities, collect the principal and income thereof and deposit the same in a depository selected and designated by the Treasurer of the Board of Trustees of the University of Illinois and to his credit as such Treasurer. The Board of Trustees of the University of Illinois, depositor hereunder, may at any time deposit additional property to be held by the First Union Trust and Savings Bank in accordance with the terms of this agreement. The said bank agrees to use reasonable diligence in the collection of the principal and income of the securities deposited, but shall not be liable for failure to collect the same.

For its services the bank aforesaid shall receive customary and reasonable compensation.

The First Union Trust and Savings Bank may and shall take action concerning the securities described and referred to in this agreement upon orders and instructions signed by or in the name of any officer or person duly authorized by the Board of Trustees.

As to the names of persons who shall at any time be the duly authorized officers or agents of the Board of Trustees of the University of Illinois and duly empowered by it to act hereunder, the bank aforesaid may accept a certificate filed with it and purporting to be signed by and in the name of the Board of Trustees of the University of Illinois by its Secretary.

BE IT FURTHER RESOLVED that the officers named pursuant to said agreement are authorized to take all such action as may be necessary to carry out the intent thereof.

On motion of Mr. Trees, the resolution was adopted and the contract was approved.

On motion of Mrs. Grigsby, an appropriation of twenty-five hundred dollars (\$2500) was made from the Reserve and Contingent Fund to pay the premium on the Treasurer's bond, by the following vote: Aye, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent Mr. Armstrong, Mr. Blair, Mr. Emerson, Mrs. Evans, Mr. Williams.

#### DATE OF ANNUAL MEETING

On motion of Mrs. Grigsby, it was voted to hold the annual meeting at the new Medical building, in Chicago, at 10 o'clock a.m. on Tuesday, March 8, 1932.

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

GEORGE A. BARR  
*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**March 8, 1932**



The annual meeting of the Board of Trustees of the University of Illinois was held at the College of Medicine, in Chicago, at 10 o'clock a.m. on Tuesday, March 8, 1932. The following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams.

President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of January 13, and of January 22, January 28, February 6, and February 10, 1932.

On motion of Mr. Williams, the minutes of the meeting of January 13, 1932, were approved as printed on pages 501 to 508 above.

On motion of Dr. Noble, the minutes of the meetings of January 22, January 28, February 6, and February 10, 1932, were approved as printed on pages 509 to 537 above.

**AMENDMENTS TO THE BY-LAWS**

Drafts of amendments to the By-Laws of the Board, Article I, Meetings, and Article IV, Committees, were presented. The consideration of these amendments was deferred until later in the meeting.

**MR. E. E. BARRETT ELECTED PRESIDENT OF THE BOARD**

Dr. Noble nominated Mr. Edward E. Barrett for the office of President of the Board.

On motion of Mr. Blair, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Barrett as President. The ballot was cast, and Mr. Barrett was declared elected President of the Board. President Barrett took the chair and expressed his appreciation of the honor.

**VOTE OF THANKS TO MR. BARR**

On motion of Mr. Williams, a vote of thanks was extended to Mr. Barr for his fair and able administration of the office of President of the Board.

Mr. Barr expressed his appreciation of this vote.

**MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY**

On motion of Mrs. Grigsby, Mr. Harrison E. Cunningham was elected Secretary of the Board for the ensuing year.

**PROFESSOR LLOYD MOREY ELECTED COMPTROLLER**

On motion of Dr. Noble, Professor Lloyd Morey was elected Comptroller for the ensuing year.

**EXECUTIVE COMMITTEE ELECTED**

Mr. Armstrong nominated Mr. Barr, and Mrs. Grigsby nominated Mrs. Hopkins, to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Dr. Noble, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the meeting for Mr. Barr and Mrs. Hopkins as members of the Executive Committee. The ballot was cast, and Mr. Barr and Mrs. Hopkins were declared elected members of the Executive Committee.

**DELEGATION OF SIGNATURES**

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

RESOLVED, that the President and the Secretary of the Board of Trustees, be and they hereby are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to the Auditor and to the Chief Accountant in the Business Office authority to sign his name, as President of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The Secretary of the Board of Trustees is authorized to delegate to the Bursar and to the Assistant Bursar in the Business Office authority to sign his name, as Secretary of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The President and the Secretary of the Board of Trustees are authorized to delegate to the Comptroller authority to sign the name of the President or of the Secretary of the Board of Trustees to vouchers against the State Auditor, and to warrants on the University Treasurer in case of emergency; provided that under no circumstances shall the Comptroller sign the names of both the President and the Secretary to the same warrant or voucher.

#### AUTHORITY TO RECEIVE MONEY

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

RESOLVED, that the Treasurer of the Board of Trustees of the University of Illinois be and he hereby is authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or to the University of Illinois.

#### STANDING COMMITTEES

In accordance with the By-Laws, the standing committees for 1932-33, appointed by President Barrett on March 14, 1932, are printed here:

*Buildings and Grounds*—JAMES W. ARMSTRONG, Chairman, GEORGE A. BARR, Mrs. LAURA B. EVANS, WALTER W. WILLIAMS, Mrs. MARJORIE R. HOPKINS.

*Sub-Committee on Landscaping*—Mrs. MARJORIE R. HOPKINS, Chairman, JAMES W. ARMSTRONG, WALTER W. WILLIAMS.

*Finance*—MERLE J. TREES, Chairman, GEORGE A. BARR, Mrs. HELEN M. GRIGSBY.

*Patents*—WALTER W. WILLIAMS, Chairman, JAMES W. ARMSTRONG, MERLE J. TREES.

*Chicago Departments*—WILLIAM L. NOBLE, Chairman, Mrs. MARJORIE R. HOPKINS, GEORGE A. BARR.

*Student Welfare*—Mrs. LAURA B. EVANS, Chairman, Mrs. MARJORIE R. HOPKINS, MERLE J. TREES.

*Affiliated Student Activities*—WILLIAM L. NOBLE, Chairman, Mrs. HELEN M. GRIGSBY, WALTER W. WILLIAMS.

*Alumni*—JAMES W. ARMSTRONG, Chairman, MERLE J. TREES, Mrs. HELEN M. GRIGSBY.

*Agriculture*—WALTER W. WILLIAMS, Chairman, Mrs. LAURA B. EVANS, Mrs. HELEN M. GRIGSBY.

#### MATTERS PRESENTED BY PRESIDENT CHASE

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

##### MESSAGE FROM MRS. EVANS

(1) A message of regret from Mrs. Evans that she could not attend the meeting.

On motion of Dr. Noble, Mrs. Grigsby was requested to visit Mrs. Evans and to convey to her an expression of the esteem of the Board, and of its appreciation of the great value of her services to the University during her twenty-nine years as Trustee.

##### REPORT ON DEPOSIT OF FUNDS WITH UNIVERSITY TREASURER

(2) A report that Mr. Frank M. Gordon, newly elected Treasurer of the University, has designated the First National Bank of Chicago as his depository and that that bank has agreed to deposit Government securities of a market value equal at all times to the amount of deposit with it to the credit of Frank M. Gordon as Treasurer of the Board of Trustees, subject to the terms and conditions set forth in the following documents which are hereby submitted for record:

1. Certified copy of letter from the First National Bank of Chicago, dated February 10, 1932, addressed to Mr. Frank M. Gordon, Treasurer, concerning deposit of collateral to secure the Treasurer's funds.

2. Letter from First Union Trust & Savings Bank of Chicago, dated February 10, 1932, addressed to Mr. Frank M. Gordon, Treasurer, and Mr. Lloyd Morey, Comptroller, reporting on the deposit with it by the First National Bank of Chicago of certain securities as collateral to secure the Treasurer's funds.

3. Letter from Mr. Frank M. Gordon, Treasurer, to Mr. H. E. Cunningham, Secretary of the Board, dated February 17, 1932, concerning interest on University funds.

I recommend that these letters be printed in the Minutes for record and that the original copies be filed with the Secretary of the Board.

On motion of Dr. Noble, this recommendation was adopted.

FIRST UNION TRUST AND SAVINGS BANK  
CHICAGO

February 17, 1932

*Mr. H. E. Cunningham, Urbana, Illinois*

DEAR MR. CUNNINGHAM:

I enclose herein certified copy of a letter from the First National Bank of Chicago dated February 10, 1932, addressed to me as Treasurer of the University of Illinois, in accordance with the request contained in your letter of February 11th.

Yours very truly,

F. M. GORDON  
*Vice-President*

FIRST NATIONAL BANK OF CHICAGO

Chicago, February 10, 1932

*Mr. Frank M. Gordon, Treasurer, Board of Trustees of the  
University of Illinois, Chicago, Illinois*

MY DEAR MR. GORDON:—

*In re:* Deposit of Collateral to Secure Deposit of Funds by Frank M. Gordon as Treasurer of the Board of Trustees of the University of Illinois.

Having been designated as a depository of the funds which will or have come into your possession or under your control as Treasurer of the Board of Trustees of the University of Illinois, and in conformity with your requirements in that connection, you are advised:

That in order to secure more fully the moneys and funds deposited in the First National Bank of Chicago by you as such Treasurer, the First National Bank of Chicago did on the 10th day of February, 1932, by direction of yourself as Treasurer of the Board of Trustees of the University of Illinois, transfer and deliver to First Union Trust and Savings Bank, Chicago, Illinois, for the purposes of this agreement, certain bonds and securities of the United States Government more fully described in the annexed Schedule A and of the actual market value, on said date of 431,350.00 Dollars; that the securities aforesaid as well as any and all substitutions and additions which may be were and will be delivered by us to said First Union Trust and Savings Bank and shall be received and held by it to insure the payment to yourself as Treasurer of the Board of Trustees of the University of Illinois, and your successors in office, of any and all sums of money, with interest thereon as from time to time agreed, which are now or may hereafter be deposited in the First National Bank of Chicago by you as such Treasurer, which account is kept with us in the name of the Board of Trustees of the University of Illinois by Frank M. Gordon, its Treasurer.

The First National Bank of Chicago will keep on deposit with said First Union Trust and Savings Bank from time to time United States Government bonds or other United States Government securities of such character and in such amounts as will at all times and under all conditions secure the funds so deposited at the current market value of such securities, under the following conditions, to wit:

(a) The securities so pledged shall be deposited for safe keeping with the First Union Trust and Savings Bank of Chicago, without expense to the Board of Trustees of the University of Illinois.

(b) Substitutions and exchanges of securities of the type hereinbefore specified may be made from time to time upon the approval of the Treasurer, or an authorized deputy.

(c) No withdrawal, otherwise than for concurrent substitution or exchange as hereinbefore specified, shall be made except upon the approval of the Treasurer and the Comptroller of the University of Illinois, or their authorized deputies, first obtained; provided, however, that on the fifth day following the giving of notice to you and the Comptroller, by depositing a letter in the mail addressed to you and the Comptroller, respectively, to the effect that the First National Bank of Chicago desires to withdraw as the Depository hereunder, the First National Bank of Chicago may deliver to you, or your successor as Treasurer, its check for the full amount, with interest, of such deposit and upon the second day following such delivery shall be entitled to withdraw all securities lodged hereunder to secure the payment of such deposits.

(d) That the First National Bank of Chicago will pay such interest on current balances as may be agreed upon from time to time by it and you, and such interest shall be credited to your account as Treasurer of the University of Illinois.

(e) That the Board of Trustees of the University of Illinois shall be subrogated to all the rights hereunder of Frank M. Gordon as Treasurer of the Board of Trustees of the University of Illinois and that such Board may, through any officer or agent it may designate, exercise and assert all the rights of the said Treasurer under this letter, concerning the securities which may be deposited, in the event of any failure or neglect on the part of ourselves as such depository to perform all the stipulations, conditions and agreements set forth herein relating to the deposit of funds and the payment thereof and the deposit of collateral to secure such funds. The Board of Trustees of the University of Illinois may exercise all the rights and privileges of the Treasurer hereunder given him if, upon instructions from the Board, the President of the University, or the Chairman of the Finance Committee of the Board, the Treasurer fails or neglects to exercise the rights given him hereunder concerning the deposit of funds and of collateral to secure the same.

In case of decline in market value of the United States Government bonds or securities delivered to secure your deposit as such Treasurer or of any part thereof, the First National Bank of Chicago agrees on its own initiative or on demand by you to deliver and pledge additional United States Government bonds or United States Government securities sufficient to cover fully such deposit of funds at the current market prices of such securities.

Upon failure to give additional security as aforesaid, or upon failure or inability from any cause to pay the whole or any part of the amount of money deposited with us by you as Treasurer, you shall have the right to require delivery by the First Union Trust and Savings Bank of all such securities to you immediately, and to sell, assign and deliver any or all of the said securities and substitutions therefor, and additions thereto, or any part thereof, at any Brokers' Board or at public or private sale at your option and without notice, advertisement or demand of any kind and with the right on your part or of the Board of Trustees, as hereinafter agreed, to be purchaser at any Brokers' Board, or any public sale or sales of such securities or any part thereof; that we, in the event of any sale or purchase under this agreement, waive any and all equity of redemption, and you, or your successor in office, after deducting all legal and other costs or expenses for collection, sale and delivery, including reasonable

attorney fees, from the proceeds of such sale or sales, will apply the remainder on our liability to you on account of the deposits of University funds as herein stipulated, whether due or not as you as such Treasurer may deem proper, and you agree to return the residue or surplus, if any, to us on demand. In case the proceeds of such deposited securities shall not cover the principal obligation interest, expense, attorney fees and other liabilities of ourselves as depository hereunder, we agree to pay the deficiency with legal interest to you as such treasurer forthwith after such sale. The right of withdrawal and substitution herein given shall not in any manner affect the right of the Treasurer to proceed under the terms of this letter, and to enforce the liability of ourselves as the depository on account of deposits of funds made pursuant to this agreement.

Very truly yours,

THE FIRST NATIONAL BANK OF CHICAGO

By JOHN P. OLESON  
Vice Pres't

STATE OF ILLINOIS }  
COUNTY OF COOK } ss:

Date: Feb. 17, 1932

I hereby certify that the above is a true and correct copy of the original document.

GEORGE B. WENDT  
Notary Public

My Commission Expires August 1, 1932.

SCHEDULE A

U. S. of A. 3½% Treasury Bonds due 6-15-49, Nos. 914D/15E/16F,  
4953C/54D for \$100,000 each, July and December 15th, all unmatured  
coupons attached ..... \$500,000

FIRST UNION TRUST AND SAVINGS BANK  
CHICAGO

February 10, 1932

Mr. Frank M. Gordon, Treasurer, Board of Trustees,  
University of Illinois, Chicago, Illinois  
Mr. Lloyd Morey, Comptroller, University of Illinois,  
Urbana, Illinois

GENTLEMEN:—

This is to inform you that the First National Bank of Chicago has deposited with us as collateral United States Government Bonds and securities as described in the accompanying schedule A, to be held by us in safe keeping, subject to the terms and conditions of a letter from the First National Bank of Chicago to Frank M. Gordon as Treasurer of the Board of Trustees of the University of Illinois, under even date herewith, a copy of which letter is enclosed.

The First Union Trust and Savings Bank will notify the Comptroller of the University of Illinois of "all withdrawals, substitutions or exchanges of securities" made by the First National Bank of Chicago, on the same day, if possible, or on the day following such withdrawals, substitutions or exchanges.

It is understood that we assume no obligation in connection with such securities other than the use of ordinary care and as indicated in the letter herein before mentioned.

Yours truly,

FIRST UNION TRUST AND SAVINGS BANK

By ROBERT L. GRINNELL  
Corporate Trust Officer

FIRST UNION TRUST AND SAVINGS BANK  
CHICAGO

February 17, 1932

*Mr. H. E. Cunningham, Secretary, Urbana, Illinois*

DEAR SIR:

This is to advise you that the First National Bank of Chicago will pay the University of Illinois 1% interest on average balances. This amount is to be credited monthly, and the rate is to remain in force until further notice.

Yours very truly,

F. M. GORDON  
*Treasurer*

**REPORT ON TRANSFER OF TREASURER'S FUNDS AND SECURITIES**

(3) A report from Mr. Hazen S. Capron, the outgoing Treasurer, that in accordance with instructions of the Board, he has turned over to his successor, Mr. Frank M. Gordon, the balance in his hands on deposit at the First National Bank of Chicago amounting to \$382,672.27.

The balance remaining to be accounted for is \$887,558.51. The securities deposited by the First National Bank of Champaign as collateral for Mr. Gordon, and representing a par value of \$810,800, have been delivered by the Federal Reserve Bank of Chicago where they were in safe keeping to Mr. Gordon and are now in his hands. They will be placed in safe keeping under the joint control of the Treasurer and the Comptroller, or their deputies, as soon as the Board has passed a resolution concerning this arrangement, which will be submitted separately.

Securities representing the investment of permanent funds belonging to the University have been turned over to Mr. Gordon by Mr. Capron and have been deposited with the First Union Trust and Savings Bank under the terms of an agreement relating to the deposit of these securities authorized by the Board.

This report was received for record.

**ACCESS TO TREASURER'S SAFE DEPOSIT BOXES**

(4) A recommendation that the following resolution be adopted authorizing the Treasurer and the Comptroller, or their deputies, jointly, to have access to safe deposit boxes rented by the Treasurer for the safe keeping of collateral deposited by him to secure University funds:

RESOLVED, that access to safe deposit boxes rented by Frank M. Gordon, Treasurer of this Board, from the National Safe Deposit Company of Chicago, Illinois, for the purposes specified in section 4 of the resolution adopted February 10, 1932, may be had by Frank M. Gordon, Treasurer, and Lloyd Morey, Comptroller, of the Board of Trustees of the University of Illinois, or their authorized deputies, jointly, said deputies to be selected in accordance with section 5 of the resolution of February 10.

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

**WITHDRAWAL OF SECURITIES REPRESENTING PERMANENT FUNDS**

(5) On February 10 (Minutes, page 537) the Board approved a contract with the First Union Trust and Savings Bank for the safe keeping of securities belonging to the University and representing the investment of permanent funds. These securities are the property of the University and are in safe keeping separately from those securities deposited by the Treasurer of the Board as collateral to secure the general funds of the University in his custody. The contract provides that the Board shall determine how the securities representing the investment of permanent funds of the University may be withdrawn and that the depository bank shall be notified of the arrangement adopted. In accordance with this provision I submit the following procedure, suggested by the Comptroller, to provide for the withdrawals of these securities when necessary:

1. The Secretary of the Board of Trustees shall notify the Treasurer, the Comptroller, and the depository of all actions of the Board of Trustees or of the Finance Committee acting under authority of the Board, which involve the withdrawal of any securities on deposit which represent permanent funds of the University.

2. The depository shall be authorized, upon receipt of such advice from the Secretary of the Board of Trustees, to deliver to the Treasurer or to the Comptroller, or to the order of either of these officers, securities covered by such actions.

On motion of Mr. Williams, this procedure was adopted.

#### ADDITIONAL APPROPRIATION FOR PREMIUM ON TREASURER'S BOND

(6) A recommendation that an appropriation of \$209.61 be made from the Reserve and Contingent Fund to supplement the appropriation of \$2500 made by the Board on February 10, 1932, to pay the premium on the Treasurer's bond. The original amount was based on a one year's premium, but the bond has been issued for the term for which the Treasurer was elected, namely, to March 11, 1933.

On motion of Mr. Armstrong, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Emmerson, Mrs. Evans, Mr. Trees.

#### PRICE RANGE OF SECURITIES

(7) A statement concerning the price range of the securities held for the account of Mr. H. S. Capron.

#### PRICE RANGE OF U. S. GOVERNMENT SECURITIES ACCOUNT OF H. S. CAPRON, TREASURER JANUARY 18, 1932 TO MARCH 5, 1932

Par		Price January 18	Range January 18 to March 5		Price March 5
			Low	High	
\$173 050	Fourth Liberty 4¼% 1938.....	99.1	98.22	100.8	100.5
206 700	Treasury 3¾% 1956.....	91.16	91.16	97.12	97.12
26 550	Treasury 3¾% 1947.....	89.31	89.16	94.8	94.0
86 000	Treasury 3¾% 1941-43.....	90.18	90.11	94.29	94.28
2 500	Treasury 3¾% 1940-43.....	90.12	90.12	95.00	95.00
61 000	Treasury 3¾% 1949.....	85.16	85.11	91.5	91.5
250 000	Treasury 3% 1955.....	84.28	84.1	90.4	89.23
5 000	Champaign County Tax Anticipation Warrants .....	100.0			100.0
<u>\$810 800</u>	<u>Total .....</u>	<u>\$731 000</u>			<u>\$768 421</u>

On motion of Mr. Armstrong, the Treasurer was authorized to sell the Fourth Liberty Loan bonds of 1938 and the Treasury 3¾'s of 1956.

On motion of Dr. Noble, the Treasurer, the Comptroller, and the Chairman of the Finance Committee were appointed as a special committee, with authority to sell the other securities in this list at such times and in such amounts as the needs of the University may require.

**BUDGET FOR 1932-1933**

(8) A statement concerning the plans for making the annual budget for 1932-1933.

This report was received for record.

**APPROPRIATION FOR RADIO EQUIPMENT**

(9) A recommendation that an appropriation of \$675, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the purchase of a buffer for the radio station transmitter. The Federal Radio Commission requires all broadcasting stations to have such equipment to restrict deviation from their assigned frequencies to within fifty cycles.

On motion of Mrs. Hopkins, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Emmerson, Mrs. Evans, Mr. Trees.

**APPOINTMENT OF PROFESSOR REXFORD NEWCOMB AS DEAN OF THE COLLEGE OF FINE AND APPLIED ARTS**

(10) A recommendation that Professor Rexford Newcomb of the Department of Architecture be appointed Dean of the College of Fine and Applied Arts beginning March 8, 1932 and continuing until September 1, 1933, and Professor of the History of Architecture on indefinite tenure, at a combined salary of \$9,000 a year.

On motion of Mrs. Grigsby, this appointment was made.

**THE SUMMER SESSION STAFF FOR 1932**

(11) Recommendations from the Director of the Summer Session for appointments to the Summer Session Staff for 1932, the position and salary proposed being indicated in each case.

I recommend approval of these appointments and request authority to make such adjustments and additional appointments as may be necessary.

On motion of Mr. Blair, these appointments were approved and authority was granted as requested.

**Art**

E. J. Lake, <i>Associate Professor; Head of Department</i> .....	\$ 675 00	
C. V. Donovan, <i>Assistant Professor</i> .....	450 00	\$ 1125 00

**Astronomy**

J. E. Merrill, <i>Assistant Professor</i> .....	375 00	375 00
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**Bacteriology**

F. W. Tanner, <i>Professor; Head of Department</i> .....	810 00	
G. I. Wallace, <i>Associate</i> .....	412 50	
F. M. Clark, <i>Assistant</i> .....	270 00	
E. Wheaton, <i>Assistant (½ time)</i> .....	125 00	1617 50

**Botany**

F. L. Stevens, <i>Professor</i> .....	810 00	
Myrtle Burk, <i>Assistant</i> .....	250 00	
Stella Holmes, <i>Assistant (¼ time)</i> .....	200 00	
Gladys Galligar, <i>Assistant (¼ time)</i> .....	200 00	1460 00

**Chemistry***Inorganic:*

B. S. Hopkins, <i>Professor</i> .....	810 00
C. W. Stillwell, <i>Associate</i> .....	420 00
M. J. Copley, <i>Associate</i> .....	405 00

W. H. Madson, <i>Instructor</i> .....	300 00	
C. E. Schilz, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	2060 00
<i>Analytical:</i>		
D. T. Englis, <i>Assistant Professor</i> .....	510 00	
G. F. Smith, <i>Assistant Professor</i> .....	525 00	
J. N. Mrgudich, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	1160 00
<i>Organic:</i>		
C. S. Marvel, <i>Professor</i> .....	(810 00) <sup>1</sup>	
R. C. Fuson, <i>Associate Professor</i> .....	570 00	
A. W. Ingersoll, <i>Associate Professor</i> (Vanderbilt University).....	600 00	
R. A. Connor, <i>Instructor</i> (University of Wisconsin).....	300 00	
H. E. Carter, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	
E. K. Ellingboe, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	1720 00
<i>Physical:</i>		
W. H. Rodebush, <i>Professor</i> .....	810 00	810 00
<i>Physiological:</i>		
V. duVigneaud, <i>Assistant Professor</i> .....	487 50	
H. S. Loring, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	612 50
<i>Industrial:</i>		
N. W. Krase, <i>Associate Professor</i> .....	705 00	
_____ , <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	830 00
		(7192 50)
<b>Classics</b>		
H. V. Canter, <i>Professor</i> .....	810 00	
C. A. Forbes, <i>Assistant Professor</i> (University of Nebraska)	400 00	
R. P. Johnson, <i>Assistant Professor</i> (University of Vermont).....	400 00	1610 00
<b>English</b>		
W. J. Graham, <i>Professor; Head of Department</i> ( $\frac{1}{2}$ time) ..	405 00	
J. Zeitlin, <i>Professor</i> .....	750 00	
H. N. Hillebrand, <i>Professor</i> .....	675 00	
B. L. Jefferson, <i>Professor</i> .....	675 00	
W. P. Sandford, <i>Associate Professor</i> .....	600 00	
Alta G. Saunders, <i>Associate Professor</i> .....	285 00	
(See Commerce.....)	285 00)	
(Total Salary.....)	570 00)	
A. W. Secord, <i>Assistant Professor</i> .....	480 00	
R. B. Weirick, <i>Assistant Professor</i> .....	487 50	
W. E. Waltz, <i>Associate</i> .....	450 00	
S. E. Glenn, <i>Associate</i> .....	360 00	
R. G. Mood, <i>Assistant</i> .....	270 00	
E. H. Peterson, <i>Assistant</i> .....	270 00	
R. Henderson, <i>Assistant</i> ( $\frac{2}{3}$ time).....	166 66	
Edith Sweney, <i>Assistant</i> ( $\frac{2}{3}$ time).....	166 66	6040 82
<b>Entomology</b>		
W. V. Balduf, <i>Assistant Professor</i> .....	525 00	525 00
<b>Geology (Geography)</b>		
W. O. Blanchard, <i>Professor</i> .....	675 00	
J. L. Page, <i>Assistant Professor</i> .....	420 00	1095 00

<sup>1</sup>Paid by Organic Chemical Manufacturers and not included in totals.

**German**

A. W. Aron, <i>Professor; Head of Department</i> .....	810 00	
A. H. Koller, <i>Assistant Professor</i> .....	480 00	
Mimi I. Jehle, <i>Assistant</i> ( $\frac{4}{5}$ time).....	200 00	
E. M. Mueller, <i>Assistant</i> ( $\frac{4}{5}$ time).....	200 00	
V. W. Robinson, <i>Assistant</i> ( $\frac{4}{5}$ time).....	200 00	
F. Moore, <i>Assistants</i> ( $\frac{3}{5}$ time).....	100 00	1990 00

**History**

T. C. Pease, <i>Professor</i> .....	810 00	
A. H. Lybyer, <i>Professor</i> .....	810 00	
F. C. Dietz, <i>Professor</i> .....	637 50	
J. W. Swain, <i>Associate Professor</i> .....	555 00	
F. S. Rodkey, <i>Associate Professor</i> .....	600 00	
Louise B. Dunbar, <i>Assistant Professor</i> .....	435 00	
R. C. Werner, <i>Assistant Professor</i> .....	390 00	
E. L. Erickson, <i>Associate</i> .....	360 00	
W. Habberton, <i>Assistant</i> .....	300 00	
A. R. Wright, <i>Assistant</i> .....	250 00	5147 50

**Mathematics**

A. B. Coble, <i>Professor</i> .....	810 00	
A. Emch, <i>Professor</i> .....	712 50	
A. R. Crathorne, <i>Associate Professor</i> .....	637 50	
H. R. Brahana, <i>Assistant Professor</i> .....	540 00	
H. W. Bailey, <i>Assistant Professor</i> .....	450 00	
L. L. Steimley, <i>Associate</i> .....	405 00	
V. A. Hoersch, <i>Associate</i> .....	360 00	
O. K. Bower, <i>Instructor</i> .....	330 00	
J. F. Locke, <i>Assistant</i> .....	250 00	
J. H. Butchart, <i>Assistant</i> .....	250 00	4745 00

**Philosophy**

A. C. Benjamin, <i>Assistant Professor</i> .....	487 50	
P. L. DeLargy, <i>Instructor</i> .....	360 00	847 50

**Political Science**

J. A. Fairlie, <i>Professor</i> ( $\frac{3}{5}$ time).....	540 00	
C. S. Hyneman, <i>Assistant Professor</i> .....	480 00	
C. M. Kneier, <i>Assistant Professor</i> ( $\frac{1}{2}$ time).....	270 00	1290 00

**Psychology**

H. Woodrow, <i>Professor; Head of Department</i> .....	810 00	
F. L. Ruch, <i>Associate</i> .....	405 00	
L. H. Stott, <i>Assistant</i> ( $\frac{3}{5}$ time).....	150 00	1365 00

**Romance Languages**

D. H. Carnahan, <i>Professor; Head of Department</i> .....	810 00	
J. Van Horne, <i>Professor</i> .....	600 00	
P. E. Jacob, <i>Assistant Professor</i> .....	450 00	
Edith L. Welch, <i>Assistant</i> .....	270 00	
J. Alexander, <i>Assistant</i> .....	255 00	
L. Aviles, <i>Assistant</i> .....	250 00	
J. H. Amiel, <i>Assistant</i> .....	250 00	
H. G. A. Smith, <i>Assistant</i> .....	250 00	
A. W. Herdman, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	
L. H. Bussard, <i>Assistant</i> ( $\frac{1}{2}$ time).....	127 50	3387 50

**Sociology**

D. R. Taft, <i>Professor</i> .....	750 00	
J. W. Albig, <i>Assistant Professor</i> .....	450 00	
B. F. Timmons, <i>Assistant Professor</i> .....	450 00	
W. R. Tylor, <i>Assistant Professor</i> .....	450 00	2100 00

**Zoology**

H. J. Van Cleave, <i>Professor</i> .....	750 00	
R. R. Kudo, <i>Assistant Professor</i> .....	510 00	
O. Park, <i>Instructor</i> .....	360 00	
A. L. Hjortland, <i>Assistant</i> .....	270 00	
_____, <i>Assistant (4/5 time)</i> .....	200 00	2090 00

**Journalism**

R. R. Barlow, <i>Associate Professor</i> .....	525 00	
C. L. Allen, <i>Assistant Professor (1/2 time)</i> .....	180 00	
B. S. Dickinson, <i>Instructor</i> .....	337 50	1042 50

**Accountancy**

A. C. Littleton, <i>Professor (3/5 time)</i> .....	450 00	
C. F. Schlatter, <i>Associate Professor</i> .....	750 00	
H. H. Baily, <i>Assistant Professor</i> .....	540 00	
W. E. Karrenbrock, <i>Instructor</i> .....	330 00	2070 00

**Business Organization and Operation**

P. D. Converse, <i>Professor</i> .....	750 00	
F. M. Jones, <i>Assistant (1/2 time)</i> .....	125 00	
M. F. Heslip, <i>Assistant (1/2 time)</i> .....	125 00	1000 00

**Business Law**

P. C. Roberts, <i>Instructor (1/2 time)</i> .....	135 00	135 00
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**Business English**

Alta G. Saunders, <i>Associate Professor</i> .....	285 00	
(See English.....)	285 00)	
(Total Salary.....)	570 00)	285 00

**Economics**

E. F. Nickoley, <i>Visiting Professor</i> .....	600 00	
F. G. Dickinson, <i>Assistant Professor</i> .....	487 50	
H. M. Gray, <i>Assistant Professor</i> .....	562 50	
A. T. Helbing, <i>Associate</i> .....	450 00	
P. E. Alyea, <i>Assistant</i> .....	250 00	
W. B. Lockling, <i>Assistant</i> .....	250 00	
L. E. Fitzgerald, <i>Assistant</i> .....	250 00	2850 00

**Theoretical and Applied Mechanics**

W. L. Schwalbe, <i>Associate</i> .....	420 00	420 00
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**Physics**

E. H. Williams, <i>Associate Professor</i> .....	570 00	
J. Kunz, <i>Professor</i> .....	795 00	
P. G. Kruger, <i>Assistant Professor</i> .....	450 00	
G. M. Almy, <i>Associate</i> .....	420 00	
M. P. Rassweiler, <i>Assistant (1/2 time)</i> .....	125 00	
T. F. Watson, <i>Assistant (1/2 time)</i> .....	125 00	
C. N. Challacombe, <i>Assistant (1/2 time)</i> .....	125 00	
R. K. Cook, <i>Assistant (1/2 time)</i> .....	125 00	
F. S. Cooper, <i>Assistant (1/2 time)</i> .....	125 00	2860 00

**Athletic Coaching**

(Six weeks curriculum)

C. L. Lundgren, <i>Professor</i> .....	607 50	
M. M. Olander, <i>Assistant Professor</i> .....	607 50	
G. T. Stafford, <i>Associate Professor</i> .....	506 25	
J. C. Ruby, <i>Associate</i> .....	562 50	
C. D. Werner, <i>Associate</i> .....	382 50	
C. O. Jackson, <i>Instructor</i> ,.....	292 50	

H. D. Price, <i>Instructor</i> .....	281 25	
D. M. Bullock, <i>Assistant</i> .....	337 50	
W. J. Treece, <i>Assistant</i> .....	250 00	3827 50

**Education**

T. E. Benner, <i>Professor; Dean of College</i> .....	810 00	
E. H. Cameron, <i>Professor; Director of Summer Session</i> ...	1080 00	
W. S. Monroe, <i>Professor</i> .....	810 00	
J. A. Clement, <i>Professor</i> .....	750 00	
S. G. Noble, <i>Professor</i> (Tulane University of Louisiana)...	800 00	
O. F. Weber, <i>Associate Professor</i> .....	525 00	
H. Easley, <i>Assistant Professor</i> (Duke University).....	600 00	
I. K. Tyler, (Supervisor of Jr. High Schools, Allegany County, Maryland).....	600 00	
Mrs. Nell C. B. Johnston, <i>Assistant Professor</i> .....	450 00	
E. W. Dolch, <i>Assistant Professor</i> .....	405 00	
G. W. Reagan, <i>Assistant Professor</i> .....	450 00	
E. F. Potthoff, <i>Assistant Professor</i> .....	450 00	
R. B. Browne, <i>Instructor</i> .....	450 00	
W. W. Peters, <i>Instructor</i> .....	300 00	
H. H. Punke, <i>Instructor</i> .....	330 00	
L. W. Williams, <i>Instructor</i> .....	480 00	9290 00

**Industrial Education**

A. B. Mays, <i>Professor</i> .....	712 50	712 50
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**Music**

A. A. Harding, <i>Professor</i> ( $\frac{1}{2}$ time).....	405 00	
G. F. Schwartz, <i>Associate Professor and Acting Director</i> ( $\frac{4}{5}$ time).....	480 00	
H. J. van den Berg, <i>Associate Professor</i> ( $\frac{4}{5}$ time).....	450 00	
R. H. Miles, <i>Associate Professor</i> .....	510 00	
R. M. Holmes, <i>Instructor</i> .....	390 00	
Kathryn J. Sutherland, <i>Instructor</i> ( $\frac{4}{5}$ time).....	240 00	
G. T. Overgard, <i>Instructor</i> ( $\frac{1}{2}$ time).....	142 24	2617 24

**Law**

F. Green, <i>Professor</i> (part time).....	486 00	
M. I. Schnebly, <i>Professor</i> (part time).....	486 00	
G. B. Weisiger, <i>Professor</i> (part time).....	475 20	
M. S. McDougal, <i>Assistant Professor</i> (part time).....	345 60	
F. L. Kirgis, <i>Instructor</i> (part time).....	234 00	2026 80

**Library Science**

Mabel L. Conat, <i>Assistant Professor</i> (Public Library Detroit).....	600 00	
Anne M. Boyd, <i>Assistant Professor</i> .....	480 00	
Marie M. Hostetter, <i>Associate</i> .....	405 00	
Margaret A. Gramesly, <i>Associate</i> .....	345 00	
Ethel Kratz, <i>Instructor</i> ( $\frac{3}{4}$ time).....	300 00	
Florinell Francis, <i>Instructor</i> .....	330 00	
Evelyn M. Kayser, <i>Assistant</i> .....	250 00	
Grace E. Dorcas, <i>Assistant</i> .....	250 00	
_____, <i>Assistant</i> ( $\frac{1}{2}$ time).....	125 00	3085 00

**Physical Education for Women**

Carita Robertson, <i>Associate</i> .....	420 00	
Dorothy Stahmer, <i>Instructor</i> .....	270 00	
Evalynn Downey, <i>Instructor</i> .....	360 00	
Ione M. Johnson, <i>Instructor</i> ( $\frac{1}{2}$ time).....	165 00	
		1215 00
		\$77 439 86

**LEAVES OF ABSENCE**

(12) Requests from the following members of the staff, endorsed by the Head of the Department and the Dean of the College in each case, for leaves of absence:

Dr. Allan G. Brodie, Professor of Orthodontia, three weeks from March 4, to attend the meeting of the Edward H. Engle Society of Orthodontists in California. This involves no expense to the University.

Dr. Alice H. Sullivan, Associate in Psychology, for one-half year beginning March 1, 1932, without pay, on account of illness.

Miss Eda Jacobsen, Assistant Professor of Clothing, from January 2 to March 10, with full pay, on account of illness, provided that if it is necessary to employ extra help to take care of her work such expenses will be paid from her salary.

Mr. D. A. Albrecht, Instructor in the Department of Agricultural Engineering, from February 8 to June 1, 1932, without pay, on account of illness.

Mr. G. L. Jordan, Assistant to the Dean of the College of Agriculture, an additional month's sick leave from February 12 with full pay, on account of illness.

Mr. Wesley Swanson, Instructor in English, from March 7 until such time as he is able to return to his duties within the present semester, with full pay, on account of illness. His work will be distributed among his colleagues so that this will involve no expense to the University.

Mr. Free Lindgren, Laboratory Assistant in the Photographic Department, for one month with pay, on account of eye trouble. No expense to the University will be involved as the Department can take care of his work without employing extra help at this time.

On motion of Mr. Barr, these leaves were granted.

**REIMBURSEMENT FOR ARCHITECTURAL SERVICES ON MEDICAL AND DENTAL LABORATORIES**

(13) A report from the Supervising Architect that he has received from Granger & Bollenbacher and deposited with the Comptroller the sum of \$1,217.53 representing reimbursement for services he rendered in the preparation of plans for the second unit of the Medical and Dental Laboratories.

This report was received for record.

**REIMBURSEMENT FOR MAINTENANCE WORK ON ROSELAWN CEMETERY**

(14) A report from the Supervising Architect that he has deposited with the Comptroller a check for \$350 received from the Roselawn Cemetery Perpetual Care Fund in reimbursement for the work done by the University in the maintenance of Roselawn Cemetery for the year ending December 31, 1931.

This report was received for record.

**HART MORTGAGE**

(15) A report on the status of the Hart Mortgage.

This matter was referred to Mr. Williams to carry on further negotiations.

**HEUBAUM FOREIGN PATENT RIGHTS**

Mr. Barrett, for the Committee on Patents, presented a recommendation that the foreign patent rights on Dr. Heubaum's discovery of an electrolytic method of hydrolysis and partial purification of the levulose be released to Dr. Heubaum to develop as he pleases.

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

**PROMOTION OF BURKS PATENT**

Mr. Barrett, for the Committee on Patents, presented also the following agreement with the Utilities Research Commission, with the rec-

ommendation that the Secretary of the Board be authorized to execute the agreement on behalf of the Board.

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

AGREEMENT

AGREEMENT between the Board of Trustees of the University of Illinois, party of the first part, hereinafter called the University, and the Utilities Research Commission, Inc., party of the second part, hereinafter described as the Commission, a corporation with principal offices in Chicago, concerning the assignment and commercial development of a discovery by Dana Burks, Jr., concerning Means and Method of Freezing a Clear Block of Ice, under United States Patent Office Application Serial No. 462,221.

1. The University agrees to assign to the Commission any rights it may have in any discovery which has been protected by a patent application or a patent or patents, and which was made in the course of the investigation concerning Means and Method of Freezing a Clear Block of Ice, Patent Office Application No. 462,221.

2. The Commission agrees, when and if an assignment is made as hereinbefore outlined, that it will make such substantial outlay as may be warranted for the purpose of developing the discovery, or discoveries. The Commission will pay annually to the University fifty per cent of any and all royalties, license fees or compensation of any sort whatsoever which it may receive under any and all agreements of license, made with persons, firms or corporations, other than the corporations represented by the Commission, which latter corporations shall have free use of such discovery. The Commission will not enter into any such licensing or royalty agreement for the use or development of the discoveries without first consulting with the Board of Trustees of the University or with its Committee on Patents.

3. The Commission agrees that if it wilfully or without just cause neglect to take appropriate action to develop commercially the possibilities of this discovery, the University may cancel this agreement and demand a reassignment to it of all rights and interests which may have been assigned to the Commission pursuant to this agreement, and the Commission agrees to execute such reassignment promptly upon demand. In case of such demand and reassignment this agreement shall forthwith terminate.

BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

By.....

Secretary

UTILITIES RESEARCH COMMISSION, INC.

By.....

APPROVED:

.....  
University Counsel

AMENDMENT OF BY-LAWS, ARTICLE I

On motion of Dr. Noble, Article I of the By-Laws of the Board was amended to read as follows:

ARTICLE I—MEETINGS

SECTION 1. The Board of Trustees shall hold an annual meeting on the second Tuesday of March, unless the date of such meeting be changed by the Board. The Board shall hold other regular meetings on the second Wednesday of each month except March; the date of any meeting may be changed by vote of the Board or by order of the President thereof; any monthly meeting may be omitted by vote of the Board or by order of the President thereof, in case it appears that the amount and nature of the business to be presented is not sufficient to justify a meeting.

SECTION 2. Special meetings may be called, whenever deemed necessary, by the President or any three members of the Board, by giving five days' notice thereof by mail to each member of the Board. In such notice, the object and general character of the special business to be transacted at such meeting shall be stated.

SECTION 3. All meetings of the Board shall be held at the University at Urbana unless otherwise ordered.<sup>1</sup> The members of the Board shall be notified by mail not later than five days previous to any meeting.

SECTION 4. A majority of all the members constituting the Board shall be a quorum to transact business; provided, that a smaller number may meet and adjourn to some other time or until a quorum is obtained.

#### AMENDMENT OF BY-LAWS, ARTICLE IV

On motion of Mr. Armstrong, Section 2 of Article IV of the By-Laws of the Board was amended to read as follows, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble; no, Mr. Williams; absent, Mr. Emmerson, Mrs. Evans, Mr. Trees.

#### ARTICLE IV—COMMITTEES OF THE BOARD

SECTION 2. The Executive Committee shall meet whenever the Chairman, or two members thereof, shall find it necessary for the transaction of business deemed so urgent that it should not be postponed to a regular or special meeting of the Board. Every regular and special meeting of the Board of Trustees shall be deemed a stated meeting of the Executive Committee; and if at any such meeting a quorum of the Board be not present, any two members of the Executive Committee, present at such meeting, shall constitute a quorum of the Committee to transact any business which, under the statutes of the State and the By-Laws of the Board, may properly come before it.

On motion of Mr. Barr, the action amending Section 2 of Article IV was reconsidered.

On motion of Mr. Barr, the consideration of this amendment was postponed until the next meeting of the Board.<sup>1</sup>

#### MATTERS PRESENTED BY PRESIDENT CHASE

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

#### PAYMENT TO THE W. E. O'NEIL CONSTRUCTION COMPANY

(16) A report that pursuant to the action of the Board of Trustees at its meeting on February 6 the payment to the W. E. O'Neil Construction Company of \$3,034.43, representing the balance of the cost of moving the furniture from the old Medical and Dental Building to the new laboratories, has been made from the Reserve and Contingent Fund. I recommend that the action taken by the Board in January, authorizing the payment of \$1,034.43 of this amount out of the appropriation for the second unit of the new Medical and Dental Laboratories Building (Minutes, page 503), be rescinded, and the entire sum be charged to the Reserve and Contingent Fund.

On motion of Mrs. Hopkins, the action of January 13, 1932 (page 503), authorizing the payment of \$1,034.43 from the appropriation for the new Medical and Dental Laboratories building, was rescinded and the entire sum was charged to the Reserve and Contingent Fund.

#### REPORT OF GIFTS

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

<sup>1</sup>See page 560.

From the National Committee on Wood Utilization the sum of \$404.16 to assist in an investigation on tests of timber arches by the Engineering Experiment Station.

This report was received for record.

#### APPROVAL OF VARIOUS PURCHASES

(18) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

Furniture and furnishings for recreation room in Woman's New Gymnasium (paid out of May Fête Funds), totaling \$2,000.

January coal requirements for Research and Educational Hospital and the Chicago Departments, at \$2,412.02.

This report was received for record.

#### COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(19) The following report from the Comptroller of contracts and purchase orders executed since the last report:

##### CONTRACTS EXECUTED BY THE COMPTROLLER

JANUARY 7, 1932, TO MARCH 4, 1932

Contract authorized by the Board of Trustees in meeting of December 15, 1931 (Minutes, page 494):

Name	Estimated Amount to be paid by the University	Date	Purpose
George Banta Publishing Company	\$5,390.00	December 22, 1931	Print and bind 25,000 copies of the 1931-32 Annual Register

Minor contract executed under authority of the President and reported to the Board of Trustees in their meeting of February 6, 1932 (Minutes, page 515):

Name	Amount to be paid by the University	Date	Purpose
Arthur Hertzberg and Craftsmen of Chicago	\$.67½ per folder, imitation leather and \$2.47½ per folder, morocco.	February 11, 1932	To furnish folders for diplomas

Contract renewal executed under general regulations of the Board of Trustees:

Name	Amount to be paid by the University	Date	Purpose
Otis Elevator Company	\$300 per month	January 7, 1932	Inspection and maintenance of 30 campus elevators.

Minor contract executed under general regulations of the Board of Trustees:

Name	Amount to be paid by the University	Date	Purpose
Montgomery Elevator Co.	\$100 per month	February 1, 1932	Weekly inspection of elevators in Medical and Dental Laboratories

Lease renewal executed under general regulations of the Board of Trustees:

Leased to	Property	Rental	Date	Tenure
Illinois Bell Telephone Company	101 pairs of underground cables	\$272.70 per year	Jan. 4, 1932	Jan. 1, 1932 to Dec. 31, 1932

This report was received for record.

**COMMUNICATION FROM ALUMNI ASSOCIATION**

(20) The following letter from Miss Caroline M. Karraker, Chairman of the Membership Committee of the Alumni Association, reporting on the results of the appropriation made for the present fiscal year to the Association to enable it to send the *Illinois Alumni News* to all members of the Class of 1931:

February 17, 1932

*The Board of Trustees, University of Illinois, Urbana, Illinois*

LADIES AND GENTLEMEN:

With the appropriation you granted at the beginning of this fiscal year the entire Class of 1931, including all baccalaureate graduates of February, June, August, and October and the graduates in Medicine, Dentistry, and Pharmacy, was placed on the Alumni Association membership roll, which includes subscription to the *Illinois Alumni News*.

Because this arrangement is accomplishing its purposes so well and because so many members of the Class have written their thanks, we of the Alumni Association executive committee are pleased to tell you of our appreciation and to relay to you the thanks of these young alumni.

All members of the Class were told of this gift subscription in a letter that accompanied their first copy of the *Alumni News*. The total of subscriptions for the Class is 2,331, and of these 1,141 have written acknowledging the gift.

We have had more news of this class and have been able to keep more closely in touch with its members than with any class before. We believe that with the Class of 1931 facing rather unusual and discouraging conditions, the tie with the University has probably meant more to it than to classes that have made a more normal entry into the alumni world.

Most sincerely yours,

EXECUTIVE COMMITTEE,  
UNIVERSITY OF ILLINOIS ALUMNI ASSOCIATION

By CAROLINE M. KARRAKER  
*Chairman, Membership Committee*

This report was received for record.

**REQUEST FOR SERVICES OF COMPTROLLER**

(21) A request from the Illinois Society of Certified Public Accountants for the services of Mr. Lloyd Morey, Comptroller, on a committee which the Society has appointed to assist the Mayor's Advisory Committee of Chicago in certain recommendations which that committee is to make concerning problems of municipal finance. It is understood that his services will not take him away from his University duties for more than a day or so at a time, and that he will perform them at the convenience of the University.

On motion of Mr. Barr, this request was granted.

**REQUEST FOR USE OF UNIVERSITY BUILDING**

(22) The University Place Church of Christ of Champaign burned down on Sunday, March 6. The officers of the church request permission to use a University building for their services until they can rebuild. There would be no expense to the University involved in this because the church would pay for janitor service and any other expense involved.

I recommend that this request be granted.

On motion of Mr. Blair, temporary permission was granted the University Place Church to hold their services in a University building.

**REPORT ON PATENTS**

On motion of Mr. Armstrong, the President of the University was requested to present a report on the status of the development of the Parr process by the Urbana Coke Corporation, and also complete in-

formation concerning the patents now held by the University, and the status of any agreements for the commercial development of any of them.

#### DATE OF APRIL MEETING

It was voted to hold the April meeting at the new Medical building, in Chicago, at 10 o'clock a.m. on Wednesday, April 20, 1932.

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Covey, Neva M., Graduate Stenographer in the Bureau of Educational Research, for six months beginning March 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (February 19, 1932)<sup>1</sup>

English, W. J., Statistical Clerk in the Business Office, on seven-eighths time, for four months beginning February 1, 1932, and on full time for three months beginning June 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (February 15, 1932)

Goggin, Edna Mae, Assistant in Romance Languages, on one-half time, for four months beginning March 1, 1932, at a cash compensation at the rate of eighty dollars (\$80) a month (this supersedes her previous appointment). (March 2, 1932)

Hansen, Lydia E., Stenographer in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, for seven months beginning February 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 10, 1932)

Harris, Warren Skinner, Special Research Assistant in Mechanical Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1932, and continuing until further notice, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 26, 1932)

Murray, Warren G., Lecturer in the Department of Criminology, Social Hygiene, and Medical Jurisprudence, in the College of Medicine, for six months beginning March 1, 1932, without salary. (March 1, 1932)

Nelson, Harlan Willis, Special Research Graduate Assistant in Chemical Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1932, and continuing until June 15, 1932, at a cash compensation at the rate of fifty dollars (\$50) a month (this supersedes his previous appointment). (February 15, 1932)

Peirce, D. D., Instructor in Chemistry, for five months beginning February 1, 1932, at a cash compensation at the rate of two hundred dollars (\$200) a month. (February 15, 1932)

Ramsey, John A., Assistant in Romance Languages, on one-half time, for four months beginning March 1, 1932, at a cash compensation at the rate of eighty dollars (\$80) a month. (March 2, 1932)

Snow, Robert Dewey, Special Research Assistant Professor of Chemical Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1932, and continuing until further notice but not later than June 30, 1932, at a cash compensation at the rate of three hundred dollars (\$300) a month (this supersedes his previous appointment). (February 15, 1932)

Sperry, Floyd Dwight, Assistant in the Bureau of Business Research, for five months beginning February 1, 1932, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 15, 1932)

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

Stuttle, Fred Louis, Resident in the Department of Orthopedic Surgery, in the College of Medicine, for five months beginning February 1, 1932, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 15, 1932)

Thompson, Elinor M., Junior Stenographer in the Bureau of Educational Research, for six months beginning March 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (February 19, 1932)

Wamsley, D. H., Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, on one-half time, beginning September 1, 1931, and continuing until June 15, 1932, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (March 1, 1932)

Wolfe, Helen M., Assistant in Psychology, for five months beginning February 1, 1932, at a cash compensation at the rate of one hundred forty dollars (\$140) a month (this supersedes her previous appointment). (February 8, 1932)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

EDWARD E. BARRETT  
*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**April 20, 1932**



The April meeting of the Board of Trustees of the University of Illinois was held at the new Medical Building, in Chicago, at 10 o'clock a.m. on Wednesday, April 20, 1932. The following members were present: President Barrett, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees.

President Chase was present; also, during part of the day, Professor J. M. White.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of March 8, 1932.

On motion of Dr. Noble, the minutes were approved as printed on pages 539 to 558 above.

**AMENDMENT TO BY-LAWS**

On motion of Mr. Barr, Article I, Section 3 of the By-Laws was amended to read as follows:

Section 3. All meetings of the Board shall be held at the University at Urbana unless otherwise ordered *by vote of the Board or by the President thereof*. The members of the Board shall be notified by mail not later than five days previous to any meeting.

On motion of Mr. Blair, the proposal to amend Article IV, Section 2, was laid on the table (see page 554).

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**FINANCIAL SITUATION**

(1) A statement concerning the financial situation and the needs of the University for the next three months.

On motion of Mr. Barr, the sale of \$250,000 of three per cent 1955 U. S. Treasury bonds was left to the discretion of the special committee (the Treasurer, the Comptroller, and the Chairman of the Finance Committee).

**ACTING DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES**

(2) A recommendation that Dr. Arthur H. Daniels, Dean of the Graduate School and Acting Dean of the College of Liberal Arts and Sciences, be continued as Acting Dean of this division from September 1, 1932, to August 31, 1933.

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

**LEAVE OF ABSENCE FOR DR. J. HOWARD BEARD**

(3) A recommendation that Dr. J. Howard Beard, University Health Officer, be given sick leave of absence with pay for one month from April 8, 1932.

On motion of Dr. Noble, this leave was granted.

**LEAVE OF ABSENCE FOR PROFESSOR T. C. PEASE**

(4) A recommendation from the Dean of the College of Liberal Arts and Sciences and the Head of the Department of History that Professor T. C. Pease of the Department of History be given sabbatical leave of absence on one-half pay under the rules, for the second semester of the year 1932-1933.

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

**LEAVE OF ABSENCE FOR PROFESSOR EDNA E. WALLS**

(5) A recommendation from the Dean of the College of Agriculture that Miss Edna E. Walls, Specialist and Assistant Professor in Child Development and Parent Education, be given sabbatical leave of absence on one-half pay under the rules, for one year beginning September 1, 1932.

On motion of Mrs. Grigsby, this leave was granted.

**CANCELLATION OF LEAVE GRANTED PROFESSOR MORROW**

(6) A request from Professor Glenn R. Morrow of the Department of Philosophy, in which the Dean of the College and the Head of the Department concur, that the sabbatical leave of absence for the academic year 1932-1933 granted him on November 16, 1931 (Minutes, page 484) be canceled.

I recommend approval.

On motion of Dr. Noble, this leave was canceled.

**REQUIREMENTS FOR GRADUATION IN LIBERAL ARTS AND SCIENCES**

(7) The University Senate recommends adoption of the following general requirements for graduation from the College of Liberal Arts and Sciences:

1. That 120 semester hours and the prescribed courses in Military Science and Physical Education be required for graduation from the College of Liberal Arts and Sciences.

2. That three-fourths of the 120 semester hours must be of C grade or better.

3. That the change in the number of hours required for graduation take effect September 1, 1932.

On motion of Mr. Blair, these requirements were approved as recommended.

**APPROPRIATION FOR KENDRIC C. BABCOCK DEATH BENEFIT**

(8) A report of action authorizing the Comptroller to pay the death benefit of Dean K. C. Babcock, who died on March 11, 1932, and a recommendation that an appropriation of \$1,806 be made from the Reserve and Contingent Fund for the death benefit.

On motion of Mr. Trees, the action of the President and the Comptroller in making this payment was approved, and the appropriation was made as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Evans, Mr. Williams.

**APPROPRIATION FOR A. J. MCALISTER DEATH BENEFIT**

(9) A recommendation that an appropriation of \$457 be made from the Reserve and Contingent Fund for the death benefit payable in the case of A. J. McAlister, a retired member of the Physical Plant staff, who died on April 11, 1932, and that the Comptroller be authorized to make this payment to the designated beneficiary.

On motion of Mr. Armstrong, this appropriation was made and payment was authorized as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Evans, Mr. Williams.

**APPROPRIATION FOR FRESHMAN WEEK**

(10) A recommendation that an appropriation of \$900, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the expenses of the Freshman Week program in September, 1932.

On motion of Mrs. Hopkins, this appropriation was made as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mr. Blair, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mrs. Evans, Mr. Williams.

**MOTION PICTURE PROJECTOR**

(11) A recommendation that an appropriation of \$1400, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the purchase of a motion picture projector equipped for sound production.

On motion of Mr. Armstrong, the Board voted to express approval of the proposal, but requested the President of the University to secure additional information and to report at the next meeting.

**AGREEMENT FOR OPERATION OF RESEARCH AND  
EDUCATIONAL HOSPITALS**

(12) A report that, pursuant to the instructions of the Board at its meeting on January 13, 1932 (Minutes, page 502), the agreement with the Department of Public Welfare for the operation of the Research and Educational Hospitals as approved by the Board of Trustees has been executed by the Department and by the University and is now in effect. The signed copy of this agreement is hereby turned over to the Secretary of the Board for safe keeping. I recommend that the agreement be printed in the Minutes.

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

THIS AGREEMENT, made and entered into by and between the Department of Public Welfare of the State of Illinois and the Board of Trustees of the University of Illinois, concerning the operation of the Research and Educational Hospitals of the State of Illinois jointly by the Department of Public Welfare and the Board of Trustees of the University of Illinois, pursuant to an act of the Fifty-seventh General Assembly of the State of Illinois, approved July 3, 1931, relating to the founding and operation of the Research and Educational Hospitals of the State of Illinois, WITNESSETH:

The Department of Public Welfare of the State of Illinois and the Board of Trustees of the University of Illinois, the parties hereto, agree to operate jointly the Research and Educational Hospitals of the State of Illinois, in conformity with the legislative act hereinbefore referred to, upon the terms and conditions and under the rules hereinafter set forth, to wit:

ARTICLE I

DEFINITIONS

*Research and Educational Hospitals*

*Section 1.* "Department" as used herein means the Department of Public Welfare; "University" means the Board of Trustees of the University of Illinois; and "Research and Educational Hospitals" comprises the University Clinical Institute, the out patient department of the University, the Institute for Juvenile Research, the Illinois Surgical Institute for Children, the Psychiatric Institute and such other hospitals and institutes hereafter created, as may be added thereto by agreement of the Department and the University.

*Administrative and Executive Direction*

*Section 2.* By "administration and executive direction" as used herein is meant: the management of the buildings and property; control of all business transactions in connection with the work of these hospitals, which includes the employment of all officers and employees; providing for the purchase and issuance of supplies and equipment, excepting such equipment and supplies mentioned herein which are to be furnished by the University; assigning space in the buildings among different hospitals and divisions, with the advice and consent of the University; the control of the admission, transfer and discharge of all resident patients, with the consent of the University; providing maintenance for officers, nurses, residents, internes, employees and patients; supervising building construction, except of buildings erected by the University with University appropriations, and controlling the mechanical maintenance; furnishing nurses and attendants to the medical department, other than provided in part by nurses in training, and stenographic or similar clerical help needed in the administrative work of the Department. It also includes the Managing Officer's oversight and management of all officers and employees other than officers and employees furnished by the University.

*Constituent Units*

*Section 3.* By the phrase "constituent unit" when used herein is meant one or more than one of the following: the University Clinical Institute, the out patient department of the University, the Institute for Juvenile Research, the Illinois Surgical Institute for Children, the Psychiatric Institute, and such other hospitals and institutes hereafter created as may be added hereto by agreement of the parties.

## ARTICLE II

*Managing Officer*

*Section 1.* The chief administrative and executive officer of the Research and Educational Hospitals shall be designated as Managing Officer. He shall be appointed by the Department on the nomination of the University. The Managing Officer shall perform such duties as may be required of him either by the Department or by the University pursuant to this agreement. Certain constituent units may be placed under the immediate direction of Assistant Managing Officers appointed by the Department on the nomination of the University. The Managing Officer and Assistant Managing Officers may be removed by the Department with the concurrence of the University; and the Department agrees to remove the Managing Officer and any Assistant Managing Officer upon the written request of the University. With the consent of the Department the University may provisionally delegate to the Managing Officer the performance of duties, in connection with the administration of the Research and Educational Hospitals, or any constituent unit thereof, which hereunder devolve upon the University.

## ARTICLE III

*Operation: Use of Constituent Units*

*Section 1.* The administration and executive direction of the Research and Educational Hospitals shall be in the Department.

*Section 2.* In the operation of the University Clinical Hospital the appointment and compensation of the medical and scientific staff, including physicians, residents, internes, laboratory workers, anaesthetists, physiotherapists, and social service workers, stenographers and record clerks, shall devolve upon the University. The University shall provide all operating room and laboratory equipment, scientific apparatus, physiotherapy apparatus, record files and any other apparatus used for teaching, research and treatment. The Department shall provide the maintenance of the buildings together with the maintenance of the patients and resident personnel.

*Section 3.* In the operation of the out patient department of the University, the University shall provide the staff, equipment and supplies for the treatment of patients as outlined in Section 2 of this Article, and the obligation of the Department shall be limited to furnishing and maintaining the necessary quarters.

*Section 4.* In the operation of the Illinois Surgical Institute for Children, the University shall appoint and compensate the director, medical and scientific staff, including physicians, residents, internes, laboratory workers, anaesthetists, physiotherapy and social service workers, stenographers and record clerks, and shall provide all operating room and laboratory equipment, scientific apparatus, physiotherapy apparatus, record files and any other apparatus used for teaching and research. The Department shall provide for the maintenance of the building as hereinafter provided, together with the maintenance of patients and resident personnel.

*Section 5.* In the operation of the Psychiatric Institute it is agreed that this Institute shall be in the wing of the University Clinical Hospital originally designed and erected with funds appropriated by the General Assembly to the State Psychopathic Institute. The University shall provide the medical and scientific staff, including director, physicians, psychiatrists, residents, internes, laboratory workers, physiotherapy and social service workers. Patients for admission to the Institute shall be selected by the University from any available source, including, with the approval of the Department, patients committed to State Hospitals under the control of the Department. The Department, on request, shall arrange for the transfer of patients in both directions between the Institute and the State Hospitals. The University shall provide all laboratory and scientific equipment, including physiotherapy apparatus, record files, and any other apparatus that is used for teaching, research or treatment. The Department shall provide for maintenance of the building, together with the maintenance of patients and resident personnel.

*Section 6.* Quarters for the Illinois Institute for Juvenile Research shall be provided and maintained by the Department; and the Institute shall be operated

jointly by the Department and the University. The entire personnel shall be appointed by agreement of the Department and the University. The director shall be appointed by the Department on the nomination of the University, and the Department agrees to remove him forthwith on the written request of the University. In preparing the biennial budget for the Institute for Juvenile Research for the Fifty-eighth and succeeding General Assemblies the Department and the University shall agree upon the terms thereof, after which it shall be presented to the General Assembly as a part of the University budget unless the assumption of this obligation be deferred as hereinafter provided. After the University has assumed the budgetary obligations concerning the Institute for Juvenile Research, the Department shall specifically state, both in its budget, and in the legislative bill making the regular biennial appropriation for the Department, that the appropriation requested for the Institute for Juvenile Research is, by agreement, set forth in the University appropriation bill. In this budget shall be included provision for examination of inmates in the State Penal and Correctional Institutions, unless these funds are made available by the Department of Public Welfare in the budget of the State Criminologist. Upon request from it the University will notify the Department whether the budgetary obligations of the Institute for Juvenile Research will be assumed by the University in any given year; the Department will inquire of the University, before the preparation of the biennial budget, whether the University will assume such budgetary obligations; and the University shall not be deemed to have assumed such obligations until it has responded to the Department in writing indicating its intention to do so.

*Section 7.* The Department will continue the present operating arrangement concerning the Research Laboratory and Library units until July 1, 1933.

*Section 8.* The University shall have the use of all clinical facilities of the Research and Educational Hospitals for teaching and research purposes.

#### ARTICLE IV

##### *Control of Buildings Erected by the University; Maintenance and Supplies*

*Section 1.* The buildings erected, or hereafter erected, by the University with state appropriations made to it, or with funds available from any source for such purposes, and designated as the College of Medicine and the College of Dentistry of the University of Illinois, shall be controlled, maintained and operated by the University exclusively. Operating costs will include janitor and cleaning service, heat, light, power, gas, water, refrigeration, telephone, and elevator service. For such of these services as are provided from the Department power plant, the University shall share the cost of power plant operation on the basis of the fair value of the service rendered. The University will provide not to exceed \$50,000 for fuel during the Fifty-seventh Biennium and the Department all other heating and ventilating operating expense for that period.

*Section 2.* In the preparation of the budgetary requirements of the Research and Educational Hospitals the Managing Officer, in consultation with the President of the University, or his duly accredited representative, shall provide for the maintenance and operation thereof from the funds supplied through the Department, unless it be otherwise agreed herein.

*Section 3.* The Department may make general rules for the operation and maintenance of each constituent unit which, under this agreement, is not to be controlled or operated, in whole or in part, by the University. The University may make its own rules for the operation of buildings which hereunder are subject to its control and also of buildings and sections of buildings that are specifically used for teaching and research in the Research and Educational Hospitals, although such buildings, or sections of buildings, be otherwise under the control of the Department.

*Section 4.* The University shall provide all equipment and supplies, laboratory apparatus and laboratory supplies, operating room equipment except current supplies, libraries and drugs for treatment of patients and for educational and research purposes in the Research and Educational Hospitals.

## ARTICLE V

*Professional Staff*

*Section 1.* The University shall appoint and control the professional staff of the Research and Educational Hospitals when not otherwise provided herein, including physicians, surgeons, internes, residents, laboratory technicians, stenographers, record clerks, anaesthetists, physiotherapy and social service workers, and all assistants and other employees who shall be needed in the treatment of patients and for teaching and research purposes. It shall direct the professional work of nurses and ward attendants employed by the Department, and in case of incompetency or insubordination, reported by the University, the Department will forthwith correct the conditions through sufficient reprimand, or, if need be, dismissal. If instruction in nursing is undertaken by the University or through affiliation with other nursing schools, the control over such undergraduate nurses as may be assigned to the Research and Educational Hospitals shall rest with the University. The maintenance of said nurses shall be provided by the Department.

## ARTICLE VI

*Maintenance of Personnel*

*Section 1.* Maintenance shall be allowed only to officers and employees who are required to be residents of the Research and Educational Hospitals. Requirements for residence shall be determined by conference between the Managing Officer and the President of the University, or his duly accredited representative.

## ARTICLE VII

*School of Nursing and Nursing Instruction*

*Section 1.* Should a school of nursing be established, during a legislative recess, and the nursing service of the Research and Educational Hospitals be then provided by such a school of nursing, it is agreed that such funds as may have been appropriated in the budget of the Department for nursing may be made available for the school of nursing so organized by the University until such time as funds are provided in the succeeding budget of the University.

## ARTICLE VIII

*Miscellaneous*

*Section 1.* There shall be established a standing committee of four, two to be appointed by the Director of Public Welfare, and two by the President of the University, to which, at the request of the Managing Officer of the Research and Educational Hospitals or the Dean of the College of Medicine, or both, may be referred any matters upon which there may be doubt or difference of opinion. Matters upon which this committee cannot agree shall be referred to the Director of the Department and the President of the University.

*Section 2.* Modifications of this agreement may be proposed in writing by either party, and shall take effect when accepted by both parties.

*Tenure*

*Section 3.* All officers, directors and employees appointed or named pursuant to this agreement shall hold their offices or appointments until resignation or removal.

Executed by the Department of Public Welfare of the State of Illinois this 8th day of March, 1932.

DEPARTMENT OF PUBLIC WELFARE OF THE  
STATE OF ILLINOIS

By RODNEY H. BRANDON  
Director

Executed by the Board of Trustees of the University of Illinois this 11th day of March, 1932.

BOARD OF TRUSTEES OF THE UNIVERSITY  
OF ILLINOIS

By EDWARD E. BARRETT  
*President*  
H. E. CUNNINGHAM  
*Secretary*

APPROVED:

SVEINBJORN JOHNSON  
*University Counsel*

3-10-1932

**REIMBURSEMENT OF DEPARTMENT OF PUBLIC WELFARE FOR  
COAL PURCHASED DURING 1931**

(13) The agreement between the University and the Department of Public Welfare for the operation of the Research and Educational Hospitals provides that "The University will provide not to exceed \$50,000 for fuel during the fifty-seventh biennium and the Department all other heating and ventilating operating expenses for that period."

The Department paid for coal purchased from July to December, 1931, without presenting the bills to the University for payment. It then asked for reimbursement. It is impossible to secure a transfer of the bills on the books of the State Auditor of Public Accounts so that the University cannot make a reimbursement to the Department in the form of a direct payment. The Department now suggests as an alternative that the University pay the gas, water, and electric light bills for the remainder of the fiscal year which would amount to approximately the same as the cost of coal purchased by the Department during the first half of the fiscal year. I recommend that these payments be authorized up to the amount paid by the Department for coal during the first six months of the fiscal year.

On motion of Mr. Barr, the payment of gas, water, and light bills for the Research and Educational Hospitals for the remainder of the fiscal year was authorized, up to the amount spent for coal (\$8,609.55) according to the contract with the Department of Public Welfare (see page 564), in lieu of the payment for coal which should have been made by the University, but which was made by the Department for the first six months of the current fiscal year. It is stipulated that the total amount to be paid for coal and for the above items shall not exceed \$50,000 for the biennium.

**USE OF ATHLETIC AND RECREATIONAL FACILITIES BY PUBLIC**

(14) From time to time there have been requests from persons neither enrolled as students in the University nor on the University staff for permission to use the various athletic and recreational facilities of the University, particularly in the case of families of members of the faculty. On November 14, 1930 (Minutes, page 121), the Board decided that "it is unwise to open facilities of the University to persons not connected with it except through channels of regular instruction." Since then I have been asked to secure a reconsideration of this policy and recently I requested Directors George Huff and Louise Freer and the Supervising Architect to serve as a Committee to study the matter, with the view to defining certain general policies governing the granting of such privileges which would be in harmony with the action of the Board of Trustees taken on July 14, 1915 (Minutes, page 772). This Committee has submitted the following recommendations:

1. That greater freedom be permitted in the use of recreational facilities financed by the Athletic Association than may be permissible with facilities provided by State funds. This would apply to the use of the Stadium, the Ice Rink, and the tennis courts built and operated by the Athletic Association; the grant-

ing of such privileges to be contingent, however, upon the need of these facilities for University service.

2. That, with the limited golf facilities, the use of the golf course be restricted to students and to others with working headquarters in University buildings.

3. That a more liberal use of recreational facilities be permitted by a modification of the policy stated in the action of the Board on November 14, 1930 (Minutes, page 121). This could be effected, in the case of persons who desire to avail themselves of these facilities outside of regularly scheduled classes and without receiving University credit, through waiving the incidental fee, which now amounts to thirty-five dollars per semester. Such persons would still be required to pay the same fees as are paid by members of the corps of instruction for similar privileges (\$7.50 per course, plus any *special* fee paid by students).

4. That such privileges be granted only on recommendation of the head of the department and approval by the President.

5. That members of the administrative staff not on Board appointment be accorded the same recreational privileges as are accorded to Board appointees.

6. That all costs of instruction and supervision of persons thus granted special recreational privileges be provided for in the budget of the department sponsoring the activities, and that the necessary instructors and attendants receive remuneration only from the University.

On motion of Mr. Blair, this matter was referred to the President of the University, with power to act.

#### REPORT OF THE FINANCE COMMITTEE

Mr. Trees, for the Finance Committee, reported on the following six items.

#### STATUS OF PUBLIC UTILITIES SECURITIES

1. A report of his action requesting the Comptroller to secure information of the Central Illinois Public Service Company bonds and the Kentucky Utilities Company bonds held as trust fund investments.

#### BURSAR'S PETTY CASH FUND

2. A letter from the Comptroller:

March 10, 1932

*President H. W. Chase, 355 Administration*

DEAR PRESIDENT CHASE:

I have been working with Mr. Gordon on the problem of a local depository for University funds. It appears that no satisfactory arrangement can be worked out at the present time under the rules of the Board requiring that any depository for University funds put up as collateral Government bonds to secure the full amount of the account and pay interest on daily balances. Accordingly, we propose to handle the matter as follows:

Drafts and out of town checks will be sent to the First National Bank of Chicago daily for direct deposit to the Treasurer's account in that bank.

Local checks will be cleared through the Champaign-Urbana Clearing House each day, and a clearing house draft, payable to the order of the Treasurer, secured and forwarded for deposit at the First National Bank of Chicago. Arrangements have been made with the clearing house so that we may do this.

This arrangement provides the most rapid possible clearing of all checks received by us, a prompt deposit of all receipts of the Treasurer, and eliminates the necessity of a local depository of the Treasurer. For your information I would say that the clearing house drafts constitute a preferred claim in the event of the closing of the bank through which they are issued.

In this connection I wish to call attention to the Bursar's petty cash fund amounting to \$25,000 which has been established by the Board as a local emergency working fund. Under the rules of the Board, this fund is deposited in a depository bank designated by the Treasurer and the Comptroller jointly. Checks against the fund are drawn by the Bursar and countersigned by the

Comptroller. The fund is used to pay petty payrolls and other bills for which it is reimbursed from regular University funds as rapidly as practicable, and also to provide change for the Bursar's office. At the present time, approximately \$14,000 of the fund is tied up in the First National Bank of Champaign. I enclose a statement of the daily balances of the fund in the Trevett-Mattis Banking Company where the account was transferred after the closing of the other bank.

The collections of University money and the disbursements from the petty cash fund are handled through the same office. At the close of each day's business, deposit is made with the Treasurer for the full amount of collections of University money. Ordinarily, all checks drawn to the University of Illinois are deposited with the Treasurer. On some occasions, however, it is necessary to deposit in the Bursar's fund some checks of this kind in order to maintain the balance between the amount to be deposited with the Treasurer and the amount belonging to the petty cash fund. All of these transactions are subject to daily internal check within the office and to quarterly audit by the University auditors.

I wish to request that these arrangements be submitted to the Finance Committee for its approval or for any instructions which it or the Board wish to make concerning these matters.

Cordially yours,

LLOYD MOREY  
Comptroller

The Finance Committee was requested to secure additional information on this matter and to make a recommendation to the Board.

**REPLACEMENT OF HOUSE ON GOURDIER FARM**

3. A report from the Comptroller that the house on the Gourdier farm, on which the University holds a mortgage of \$10,000, was burned recently, and that \$2500 insurance has been paid. Mr. Morey requests authority to use the money to replace the house.

On motion of Mr. Trees, the Comptroller was authorized to use the insurance money to replace the house on the Gourdier farm.

**SALE OF SECURITIES**

4. A report from the Comptroller that in accordance with the authority granted by the Board of Trustees at the last meeting the Treasurer has sold the following securities received from the First National Bank of Champaign on account of H. S. Capron, Treasurer:

\$26 550 U. S. Treasury Bonds 3 3/8% @ 96 14/32 June and December 15th due 1943/47.....	\$25 604 15 293 71	\$25 867 86
Interest.....		
61 000 U. S. Treasury Bonds 3 3/8% @ 92 28/32 June and December 15th due 1946/49.....	56 653 75 624 82	57 278 57
Interest.....		
2 500 U. S. Treasury Bonds 3 3/8% @ 96 30/32 June and December 15th due 1940/43.....	2 423 44 27 65	2 451 09
Interest.....		
86 000 U. S. Treasury Bonds 3 3/8% @ 97 March and September 15th due 1941/43.....	83 420 00 225 75	83 645 75
Interest.....		
<i>Total</i> .....		\$169 273 27

The total of these realizations has been credited to Mr. Capron's account, as treasurer, reducing the balance due from him to \$331,566.87. The par value of the remaining securities received from him is \$255,000.

This report was received for record.

#### ILLINOIS ORCHARD COMPANY BONDS

5. A report that \$2500 of bonds of the Illinois Orchard Company which have matured have not been paid, because the company has not refinanced its obligations.

On motion of Mr. Blair, this matter was referred to the Finance Committee to secure further information and to make a recommendation to the Board.

#### PROTECTION OF SECURITIES

6. A letter from Judge Johnson on the protection the Board has with respect to securities, representing permanent investments, deposited with the First Union Trust and Savings Bank of Chicago.

This matter was referred to the Finance Committee for further investigation.

#### TREES PLANTED ON CAMPUS

Mrs. Hopkins, for the sub-committee on Landscaping, reported that 150 additional elm trees have been planted on the campus.

#### NEW ATHLETIC FIELD

Mr. Armstrong, for the Committee on Buildings and Grounds, presented a recommendation that the Board approve a recommendation of the sub-committee on Landscaping that the north portion of the Athletic Association tract be set aside as the site of the new baseball field.

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

#### MATTERS PRESENTED BY PRESIDENT CHASE

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

#### MORROW HALL RENTAL

(15) A recommendation from the Supervising Architect that the action of the Board of Trustees on January 30, 1915, authorizing a rental charge of \$7.50 "for the use of Morrow Hall for musicals and similar entertainments . . . ." (Minutes, page 303) be rescinded and that student organizations be permitted to use this hall free of charge, except for any special arrangements required for the staging of productions, in which case a charge will be made only for the actual cost of this work.

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

#### MONROE STREET SEWER ASSESSMENT

(16) A report from the Supervising Architect and the Comptroller that an additional assessment has been made against the University's property in Chicago amounting to \$1,119 (if paid on or before September 30, 1933, subject to discounts on any sums paid prior to that date) on account of the Monroe Street sewer improvement project. This assessment was considered by the Board on May 9, 1930 (Minutes, page 581), when it was reported as amounting to \$2,196.45; the payment of this amount was authorized. The additional assessment is made against University property not included in the original amount. It did not come to the University's attention before because the assessment was incorrectly entered against the Board of Education of Chicago. The Supervising Architect and the Comptroller recommend acceptance of this additional assessment, to be paid on or before September 30, 1933, and charged to the funds for Physical Plant Extension.

I have already authorized the payment of \$269.30 of this amount which otherwise would have become delinquent on April 2, and I concur in the recommendations regarding the payment of the balance whenever funds are free and available for this purpose.

On motion of Mr. Barr, the payment of this assessment was approved.

#### LINCOLN AVENUE STORM DRAIN

(17) A statement concerning the Lincoln Avenue storm drainage project, involving the payment by the University of approximately \$29,000 as its share of the improvement, according to the distribution of the costs.

On motion of Mr. Barr, the President of the University was instructed to inform the Urbana city authorities that the University does not see its way clear to commit itself to the acceptance of its portion of the expense of this improvement this year.

#### ABBOTT FORESTRY TRACT

(18) A request from Mrs. A. N. Abbott, of Morrison, for a decision on her offer of a tract of approximately fifty-five acres of forestry land in Whiteside County, which was reported to the Board on October 30, 1931 (Minutes, page 469), action on which was deferred for further consideration of the general land acquisition policy of the University.

On motion of Mr. Trees, this offer was declined with thanks, and the President of the University was requested to express to Mrs. Abbott the Board's appreciation of her offer.

At this point, Mr. Blair withdrew.

#### AGRICULTURAL EXPERIMENT FIELDS TO BE DISCONTINUED

(19) A recommendation from the Dean and Director of the College of Agriculture and the Agricultural Experiment Station that experimental work in the following fields be discontinued and that the land be deeded back to the original grantors or their heirs and assigns:

1. The Spring Valley field in Bureau County (deeded by the Hall Township High School; to be deeded and conveyed to the Trustees of Schools of T. 16 N., R. 11 E. of 4th P. M., and also of fractional T. 15 N., R. 11 E. of 4th P. M.).

2. The LaMoille field in Bureau County (deeded by Mrs. Anna Norris Kendall; to be deeded back to her or her heirs and assigns).

3. The Palestine field in Crawford County (deeded by the Trustees of Palestine Township High School; to be deeded back to the Trustees of the Schools of Township 7 N., R. 11 W. of 2nd P. M. in the County of Crawford).

The conditions of the original deeds provide that if the University discontinues experimental work on these fields for a period of two consecutive years, the land shall be deeded and conveyed to the original grantors or their heirs and assigns.

4. The Odin field in Marion County. This field, established in 1902, is held by a lease with rent from C. H. Morrison. The lease provides that it may be terminated at the end of any biennium after the first day of March, 1928, and that on termination of this lease the University shall have the right to remove any improvements such as buildings, fences, etc., placed on it by the University, provided that the owner shall be given the first opportunity of purchasing such improvements.

I recommend that these fields be deeded back to the original grantors and that the lease with C. H. Morrison for the use of Odin field be terminated in accordance with its provisions.

On motion of Mr. Trees, the recommendation to discontinue the work in these fields was adopted.

On motion of Mr. Armstrong, the lease with C. H. Morrison was terminated, in accordance with its provisions.

On motion of Mr. Trees, the following resolution was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Evans, Mr. Williams.

#### RESOLUTION

*WHEREAS*, Anna N. Kendall did on the 17th day of November, A.D. 1909, by Warranty Deed, convey to the University of Illinois the described land, to wit: Commencing at the Northeast corner of the Northwest quarter of Section Thirty-six (36), Township Eighteen (18) North, Range Ten (10) East of the Fourth (4th) Principal Meridian, County of Bureau and State of Illinois, thence West along the North line of said quarter section sixty (60) rods, thence South fifty-three and one-third ( $53\frac{1}{3}$ ) rods, thence East sixty (60) rods, thence North along the East line of said quarter section fifty-three and one-third ( $53\frac{1}{3}$ ) rods to the point of beginning, comprising a tract of twenty (20) acres more or less, situated in the County of Bureau in the State of Illinois, which deed provided that when the grantee ceases to use the same for two years as an agriculture experiment station, then the ownership of said land shall revert to the grantor, her heirs and assigns forever, which deed was accepted by the University of Illinois and recorded in the Recorder's office of Bureau County, Book 155, on page 198, and,

*WHEREAS*, the said University has discontinued the use of the said land for agricultural experiments, therefore, the said land ceases to be useful to the said University,

*THEREFORE, BE IT RESOLVED* by the Board of Trustees of the University of Illinois, in a meeting regularly assembled, that it renounce all title and rights derived through and under said deed and direct the President and the Secretary of this Board of Trustees to execute and deliver to Anna N. Kendall, a Quit Claim Deed reconveying to her all rights in the said land, affixing the seal of the said University to the said deed and the officers and agents of the said University of Illinois are hereby directed to surrender up the possession of said land and forever abandon the same.

#### ARTHUR R. HALL ATTORNEY'S FEES

(20) A statement from Mr. Arthur R. Hall, attorney-at-law in Danville, concerning his services as attorney for the Carter-Pennell Trust. Some of the services rendered by Mr. Hall were also in the interests of all the other permanent funds held by the University.

The University Counsel and Comptroller have examined his report and recommend that he be allowed a fee in the amount of \$1,000; \$500 to be chargeable to the income from the Carter-Pennell Trust, and \$500 to all permanent funds held by the University proportionate to the amount.

On motion of Mr. Armstrong, this bill was allowed, to be paid from the Reserve and Contingent Fund. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Evans, Mr. Williams.

#### REPORT ON CARTER-PENNELLS FARMS

(21) The annual report on the operation of the Carter-Pennell Farms for the year ended February 29, 1932:

#### NINTH ANNUAL REPORT CARTER-PENNELLS FARMS

March 1, 1931, to February 29, 1932

There was a net income of \$105.01 from the two Carter-Pennell farms for the year ending February 29, 1932. Both farms showed good crop production for the past year. The decline in prices, however, made it necessary to inventory the crops on hand at about one-half of their value a year ago, and the marked

reduction in the value of the livestock on the North farm made an unfavorable showing for both farms.

The North farm showed a net loss of \$13.60 and the South farm a net income of \$118.61. This is to be expected, considering the returns on many farms throughout the state. The Department of Farm Organization and Management in its research work secured records from several hundred farms throughout the state which show similar results. On the average farm in the state, for the year 1931, the expenses exceeded the income for the farm as a whole, and more especially is this true of the share going to the land owner.

The Carter-Pennell farms compare favorably with farms in general. As shown in the appendix, the tenants on the two farms received some income for their labor after meeting their expenses. On the North farm this amounted to \$438.11 and on the South farm to \$608.61. Because of this low income, it was impossible for either of the tenants to pay in full the rent due the University.

Mr. Harry Irvin, the tenant on the South farm, had sickness and death in his family during the year. This made it very hard for him to meet operating expenses.

A practice which is being followed by a number of landlords and which seems to be a fair way of making adjustments under present conditions is for the tenant to settle for the cash rent on the basis of the number of bushels of corn, which, at fifty cents a bushel, would pay the rent. It has been proposed to Mr. Irvin that he settle for the cash rent due from the South farm, which will amount to approximately \$250, in this way. Although the local price of corn was about twenty-five cents a bushel at the close of the year, the proposal is to accept the necessary number of bushels of corn at the time the University wishes to dispose of its share of the crop. This will enable Mr. Irvin to meet his rent for 1931 when the corn now on the farm is sold. It seems better to try to provide a fair means of adjusting rents each year so that the tenants will not become too discouraged under these conditions and make it necessary to secure a new tenant under less favorable lease terms. This adjustment may easily be made where the form of rental is a share of the crops with cash rental for pasture and privilege rent land. No change is recommended in the lease on the South farm, but it seemed advisable to make the adjustment in cash rent due for 1931 as discussed above.

Mr. J. F. Hanson, on the North Carter-Pennell farm, was also unable to make settlement for all of the rent due from him. He could have paid the greater part of the rent if the surplus of crops and livestock on hand had been disposed of at the end of the year. It did not seem advisable to sell too much of the supply of feed until this year's production seems assured. A comparison of the ending inventory with the beginning inventory shows an increase of 25 percent in the number of cattle, some increase in the number of hogs, and an increase of about 900 bushels of corn, 700 bushels of oats, and a considerable amount of hay on hand. In spite of this increase both in the amount of livestock and crops, the inventory showed a decline, due to the drop in prices. With the amount of livestock and feed carried on the North farm, this showing is not unfavorable as compared with farms of the same type in this part of Illinois. The tenants on both farms took pride in the fact that their yields were better than on other farms in their community. This is the result of the efforts to improve the productivity of land. Marked progress is also being made in developing a higher producing dairy herd on the North farm.

The damage to the roof of the house on the North farm caused by storms last spring, defective flues and walls, made it necessary to do some major repair work. This had been contemplated for some time but was put off as long as possible. Improvements on the North farm, costing about \$850, included the rebuilding of flues, a new roof, re-siding the house with shingles, rebuilding porches and relaying some of the walls. A poorly built room at the back of the house was removed, and the material was used in building a milk house. The work done on this house was comparable to that done on the South farm several years ago. This has added a great deal to the life of the house and improved its appearance.

No major improvements are contemplated for either farm during the coming year. The houses on both farms are now in good repair. The out-buildings have been greatly improved since the property was taken over, several minor structures such as chicken houses have been built, and the one major improvement was made on the North farm when the cow barn was built.

A community drainage project is being contemplated which will affect the North farm and which involves the town of Rankin. A proposal of drainage work costing \$480 is under discussion. The share assigned to the North farm will amount to from \$75 to \$150 if the proposed project is carried out. The benefits to the farm should easily justify the expenditure.

An adjustment has been made in the lease on the North farm. Mr. Hanson is doing a good job of farming and has family help available. There seemed to be an opportunity for him to develop farther the sale of milk, at retail, in the town of Rankin. It did not seem advisable for the University to become involved in the project because of the expense of bottling milk and other expenses incident to the retailing of milk such as poor collection, bottle breakage, and other expenses. It is recommended that the University receive \$2 per hundred for its share of all milk sold at retail. All of the additional income will go to Mr. Hanson as payment for the extra labor and other cost involved in the retailing of milk. Two dollars per hundred net for milk is a good price at present. This provision, written into the lease, offers Mr. Hanson the opportunity to secure a larger income in proportion to the efforts of him and his family. Although full settlement could not be made in the rent on the North farm for 1931, no adjustments are recommended at this time.

As has already been noted, the unfavorable showing on the two farms can be attributed quite largely to the drop in the price of crops and livestock now held at the farms. In spite of this, the fact that there is a cash reserve of \$2053.27 on hand would seem to justify recommending that \$500 of the cash on hand be transferred to the Carter-Pennell student loan fund. It is expected that there will be sufficient current income even during the early part of the year to meet necessary operating expenses. The inventories of produce on hand were marked down to the present price level at the end of the year, which should make it possible to make a better record on the farms during the current year, even with a continuation of low prices.

SCHEDULE A  
CARTER-PENNEL FARM  
BALANCE SHEET  
AS AT FEBRUARY 29, 1932

<i>Assets</i>				
<i>Operating</i>				
Cash.....	\$2	953	47	
Accounts Receivable.....		617	87	
Stock and Unsold Crops (Schedule B).....		2	776	25
Deferred Charges to Future Operations.....		201	18	\$5 648 77
<i>Capital</i>				
Estimated present value of original gift:				
North Farm (186 Acres).....	\$24	149	57	
South Farm (160 Acres).....	18	058	47	42 208 04
<i>Improvements by University (Schedule C):</i>				
North Farm.....		3	596	31
South Farm.....		2	397	47
		5	993	78
		48	201	82
<i>Total Assets</i> .....				<u>\$53 850 59</u>
<i>Reserves and Surplus</i>				
Reserved for 1926 and 1927 Taxes (being contested).....		1	254	68
<i>Surplus:</i>				
Donated (arising from gift).....		42	208	04
Operating (arising from profits, see below).....		10	387	87
		52	595	91
<i>Total Reserves and Surplus</i> .....				<u>\$53 850 59</u>

STATEMENT OF OPERATING SURPLUS  
TO FEBRUARY 29, 1932

Net Income from Farms (See Schedule D).....				\$14 142 55
<i>Less:</i>				
Transferred to Student Loan Fund.....		\$2	500	00
Reserved for 1926 and 1927 Taxes.....		1	254	68
Balance, February 29, 1932 (above).....				<u>\$10 387 87</u>
<i>Consisting of:</i>				
Liquid Assets.....		4	394	00
Fixed Assets.....		5	993	78
				<u>\$10 387 87</u>

SCHEDULE B  
CARTER-PENNELLS FARMS  
INVENTORY OF STOCK AND UNSOLD CROPS  
OWNED BY THE UNIVERSITY  
AS AT FEBRUARY 29, 1932

	<i>Full Value</i>	<i>University Share</i>
<i>North Farm</i>		
Horses:		
3 Colts.....	\$ 210 00	\$ 105 00
Cattle:		
13 Cows.....	\$1 270 00	
1 Male.....	150 00	
11 Heifers.....	500 00	
5 Calves.....	<u>75 00</u>	1 327 50
Swine:		
10 Brood Sows.....	182 00	
1 Male.....	35 00	
33 Stock Hogs.....	<u>188 00</u>	405 00
Poultry.....		163 50
126 75		
Grain and Feed:		
1 900 Bushels Corn @ .25.....	475 00	
1 000 Bushels Oats @ .18.....	180 00	
25 Tons Alfalfa @ 10.00.....	250 00	
Straw in Stack.....	50 00	
Fall Plowing.....	<u>72 00</u>	1 027 00
<i>Total North Farm</i> (See Schedule F).....		<u>513 50</u>
		<u>\$2 275 25</u>
<i>South Farm</i>		
Grain and Feed:		
1 500 Bushels of Corn @ .25.....		375 00
700 Bushels of Oats @ .18.....		126 00
<i>Total South Farm</i> .....		<u>\$ 501 00</u>
<i>Total Inventory of Unsold Stock and Crops</i> (See Schedule A).....		<u>\$2 776 25</u>

SCHEDULE C  
CARTER-PENNELLS FARMS  
IMPROVEMENTS TO FEBRUARY 29, 1932  
(To be Pro-Rated over Life)

	<i>Cost of Improvements</i>		<i>Years to which to be pro-rated</i>	<i>1930-31 Amorti- zation Charges</i>
	<i>North Farm</i>	<i>South Farm</i>		
Improvements to February 28, 1931 (See February 28, 1931, Report).....	\$3 943 76	\$3 098 51		\$419 70
Improvements during 1931-32:				
Roofing.....	29 40		1931-1946	98
Shingles.....	218 78		1931-1951	5 46
House and Milkhouse.....	612 02		1931-1956	8 70
<i>Total, February 29, 1932</i> .....	<u>\$4 803 96</u>	<u>\$3 098 51</u>	(Schedule E)	<u>\$434 84</u>
Amount Amortized to Date.....	1 207 65	701 04		
Unamortized Balance, February 29, 1932 (Schedule A).....	<u>\$3 596 31</u>	<u>\$2 397 47</u>		

SCHEDULE D  
CARTER-PENNELLS FARMS  
COMPARATIVE OPERATING STATEMENT  
FOR NINE CROP YEARS, 1923 TO 1931, INCLUSIVE

	Total for 8 crop years 1923 to 1930 inclusive (See February 28, 1931, Report)	1931 Crop Year (Schedule E)	Total, 9 Years, 1923 to 1931
<i>North Farm</i>			
Income.....	\$9 142 41	\$439 27	\$9 581 68
Expense:			
Seed.....	222 18		222 18
Repairs.....	435 41	103 87	539 28
Insurance.....	246 41	52 15	298 56
Limestone.....	179 38	10 03	189 41
Water.....	11 79		11 79
Miscellaneous.....	100 47		100 47
Topographical Survey.....	27 32		27 32
Permanent Improvements <sup>1</sup> .....	925 03	286 82	1 211 85
Taxes (Personal).....	65 42		65 42
Taxes (Real Estate) <sup>2</sup> .....	445 38		445 38
Total Expense.....	(2 658 79)	(452 87)	(3 111 66)
Net Income.....	\$6 483 62	\$ 13 60*	\$ 6 470 02
<i>South Farm</i>			
Income.....	9 374 70	367 06	9 741 76
Expense:			
Seed.....	490 02	47 88	537 90
Repairs.....	187 27	16 85	204 12
Insurance.....	221 09	35 70	256 79
Miscellaneous.....	35 17		35 17
Topographical Survey.....	27 32		27 32
Permanent Improvements <sup>1</sup> .....	557 22	148 02	705 24
Taxes (Personal).....	10 34		10 34
Taxes (Real Estate) <sup>2</sup> .....	292 35		292 35
Total Expense.....	(1 820 78)	(248 45)	(2 069 23)
Net Income.....	\$7 553 92	\$118 61	\$7 672 53
<i>Both Farms</i>			
Income.....	18 517 11	806 33	19 323 44
Expense.....	4 479 57	701 32	5 180 89
Net Income (Schedule A).....	\$14 037 54	\$105 01	\$14 142 55

\*Net Loss.

<sup>1</sup>Amount written off during period.<sup>2</sup>Includes only taxes for 1925. Taxes for 1926 and 1927 are still in litigation. No taxes assessed after 1927.

SCHEDULE E  
CARTER-PENNELLS FARMS  
INCOME AND EXPENSE  
1931 CROP YEAR

	North Farm (To Schedule D)	South Farm (To Schedule D)	Total
<i>Income</i>			
Cash Rent.....		\$100 00	\$100 00
Sale of Produce—Sale of Corn, Oats, plus February 29, 1932, Inventory, less February 28, 1931, Inventory.....		267 06	267 06
Net Income from Partnership Revolving Operations (Schedule F).....	\$439 27		439 27
Total Income.....	\$439 27	\$367 06	\$806 33
<i>Expense</i>			
Seed (Clover, etc.).....		47 88	47 88
Repairs.....	103 87	16 85	120 72
Insurance.....	52 15	35 70	87 85
Limestone Fertilizer.....	10 03		10 03
Permanent Amortization of Improvements (Schedule C).....	286 82	148 02	434 84
Total Expense.....	\$452 87	\$248 45	\$701 32
Net Income (Schedule D).....	\$ 13 60*	\$118 61	\$105 01

\*Net Loss.

SCHEDULE F  
CARTER-PENNELLS FARMS  
NORTH FARM—PARTNERSHIP REVOLVING ACCOUNT  
1931 CROP YEAR

<i>Income</i>	
Sale of Cattle.....	\$ 51 01
Sale of Hogs.....	448 93
Sale of Milk and Butterfat.....	437 42
Sale of Poultry.....	54 47
Sale of Eggs.....	44 03
Sale of Grain.....	17 50
Estimated Value of Unsold Stocks and Crops (Schedule B).....	<u>2 275 25</u>
<i>Total Income</i> .....	\$3 328 61
<i>Expense</i>	
Beginning Inventory March 1, 1931.....	2 420 25
Stock Purchased.....	163 50
Feed Purchased.....	37 04
Seed Purchased.....	35 74
Insurance.....	16 10
Medicine and Professional Services.....	22 55
Threshing.....	23 00
Water.....	16 00
Rent.....	6 00
Allowance to Tenant for Use of Tractor.....	135 00
Miscellaneous.....	<u>14 16</u>
<i>Total Expenses</i> .....	<u>2 889 34</u>
<i>Net Profit</i> (Schedule E).....	<u>\$ 439 27</u>

APPENDIX  
CARTER-PENNELLS FARMS  
FINANCIAL RESULTS TO BOTH UNIVERSITY AND OPERATORS  
YEAR ENDED FEBRUARY 29, 1932

A brief financial statement of the total earnings of the Carter-Pennell Farms for the year ended February 29, 1932, including both the income of the men operating the farms and that of the University of Illinois:

	<i>Total Farm Record</i>	<i>Operator's Share</i>	<i>University's Share</i>
<b>NORTH FARM</b>			
Total Investments, including land, buildings, livestock, grain, and equipment, March 1, 1931.....	\$32 703 50	\$3 110 75	\$29 592 75
Income.....	1 453 00	1 013 73	439 27
Expense.....	1 028 49	575 62	452 87
Income less Expense.....	424 51	438 11	13 60*
Value of Operator's Labor.....	600 00	600 00	
<i>Net Profit</i> .....	<u>\$ 175 49*</u>	<u>\$ 161 89*</u>	<u>\$ 13 60*</u>
<i>Percent to Investment</i> .....	<u>.54%*</u>		<u>.05%*</u>
<b>SOUTH FARM</b>			
Total Investments including land, buildings, livestock, grain, and equipment, March 1, 1931.....	\$24 003 96	\$2 700 00	\$21 303 96
Income.....	1 373 67	1 006 61	367 06
Expense.....	646 45	398 00	248 45
Income less Expense.....	727 22	608 61	118 61
Value of Operator's Labor.....	600 00	600 00	
<i>Net Profit</i> .....	<u>\$ 127 22</u>	<u>\$ 8 61</u>	<u>\$ 118 61</u>
<i>Percent to Investment</i> .....	<u>.53%</u>		<u>.56%</u>

\*Net Loss.

This report was received for record.

**EXTENSION OF AGREEMENT WITH ASSOCIATION OF  
MANUFACTURERS OF CHILLED CAR WHEELS**

(22) A request that the agreement for a cooperative investigation of railway brake shoes with the Association of Manufacturers of Chilled Car Wheels (Minutes, page 187) be extended for one year from March 15, 1932.

On motion of Mr. Barr, this extension was approved.

**ALUMNI FUND BOARD'S STUDENT EMERGENCY LOAN FUND**

(23) The Alumni Fund Board offers to loan the sum of \$2,000 immediately, and an additional sum of \$2,000 later on, for emergency loans to students under the conditions stated in the following recommendation which has been approved by the Executive Committee of the Alumni Association on March 3, 1932:

"That the Finance Committee of the Alumni Association be directed to obtain from the securities of the Alumni Fund a sum of \$2,000 to be placed at the disposal of the University of Illinois for a period of one year or longer if the President of the Alumni Fund Board so directs; that this Fund be known as the ALUMNI FUND BOARD'S STUDENT EMERGENCY LOAN FUND; that this Fund be loaned to University students on the approval of the Dean of Men in amounts not to exceed \$50 for periods not to exceed one year on judgment notes bearing 5% interest; that the collection of principal and interest shall be the duty of the University business office but that the Alumni Fund will accept such losses as prove to be unavoidable; and further, that if the emergency continues the Alumni Fund Board authorizes its President to recommend a loan of an additional sum of \$2,000 to be administered in the same way."

This offer involves no financial responsibility on the part of the Board of Trustees, other than that the Comptroller is asked to undertake the collection of principal and interest, and the Alumni Fund Board will accept unavoidable losses. As these funds were needed immediately to relieve financial distress among students, I authorized the acceptance of this offer under the conditions stipulated in the action of the Alumni Association and Committee.

On motion of Mr. Armstrong, the acceptance of this fund was approved.

**GIFTS TO THE UNIVERSITY**

(24) The following report of gifts received by the University since the last report:

1. From Electro-Therapy Products Corporation of Chicago, \$400 for research work in radiology and electro-therapy.
2. From Mead Johnson and Company \$600 for research work in dermatitis.
3. From the Illinois State Academy of Science an herbarium donated to the Academy by Dr. and Mrs. William F. Moffatt and temporarily placed by the Academy in the State Museum at Springfield. The Museum has no facilities for the care of this collection. The acceptance of this gift will involve no expense to the University for its arrangement and display until such time as funds may be available for this purpose.
4. From the National Research Council \$150 for technical assistance for Professor Jakob Kunz in his study of the photoelectric effects of alkali vapour and films; and \$150 for technical assistance for Professor J. T. Tykociner in his study of a velocity selector for molecular rays.
5. From Dr. William Allen Pusey, Professor Emeritus in Dermatology, a bust of himself which he wishes to present to the College of Medicine.
6. From Mr. Robert Allerton of Monticello \$800 for the continuation of the American Traveling Scholarships in Architecture during the current year.
7. From the Farm Bureau-Farm Management Service of Livingston, McLean, Tazewell, and Woodford counties a Ford car for the use of the Department of Farm Organization and Management.

This report was received for record.

**APPROVAL OF VARIOUS PURCHASES**

(25) A report of the approval of the following purchases amounting to \$1,000 or over since the last report was made to the Board:

Eight columns of plate matter disbursed by the Western Newspaper Union for the Publicity Office at a price of \$1,056.13.

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS**

(26) The following report from the Comptroller of contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER*

*MARCH 2, 1932 TO APRIL 14, 1932*

Contract executed under special authorization of the Board of Trustees in their meeting of February 10, 1932 (Minutes, pages 536-7):

<i>Name</i>	<i>Amount to be paid by the University</i>	<i>Date</i>	<i>Purpose</i>
First Union Trust and Savings Bank, Chicago	Customary and reasonable compensation	February 19, 1932	Deposit of Trust Securities.

Minor contract executed under authority of the President and reported to the Board of Trustees in their meeting of February 6, 1932 (Minutes, page 515):

<i>Name</i>	<i>Amount to be paid by the University</i>	<i>Date</i>	<i>Purpose</i>
The Scriptorium of C. L. Ricketts	35c each	February 18, 1932	To furnish diplomas for three years

This report was received for record.

**REGISTRAR'S REPORT OF FEES**

(27) The following report from the Registrar for the fees assessed for the first semester of 1931-32:

**REGISTRAR'S REPORT OF FEES  
FIRST SEMESTER, 1931-32**

**URBANA DEPARTMENTS**

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 31 860 00	\$ 1 230 00	\$ 30 630 00
<b>Incidental Fees:</b>			
<b>Resident.....</b>	<b>279 080 00</b>	<b>9 685 00</b>	<b>269 395 00</b>
Non-Resident.....	73 481 25	1 718 75	71 762 50
Thesis work in Absentia.....	240 00		240 00
Tuition Fees.....	1 222 50	142 50	1 080 00
Visitor's Fees.....	397 50		397 50
Late Registration Fees.....	1 015 00	305 00	710 00
Change Fees.....	1 831 00	8 00	1 823 00
Special Examination Fees.....	840 00	20 00	820 00
Transcript of Credits Fees.....	303 00	1 00	302 00
Diploma Fees.....	3 850 00	20 00	3 830 00
<i>Total, General Fees, Urbana.....</i>	<i>\$394 210 25</i>	<i>\$13 130 25</i>	<i>\$381 080 00</i>
<b>Laboratory Fees:</b>			
Agronomy.....	\$ 288 50	\$ 7 00	\$ 281 50
Anatomy.....	560 00	35 00	525 00
Animal Husbandry.....	5 00		5 00
Athletic Coaching.....	495 00	19 00	476 00
Bacteriology.....	831 00	41 25	789 75
Botany.....	782 75	53 50	729 25
Ceramic Engineering.....	290 50	15 00	275 50
Chemistry.....	22 539 75	1 396 25	21 143 50
Civil Engineering.....	706 00	14 75	691 25
Dairy Husbandry.....	154 00	2 00	152 00
Electrical Engineering.....	733 50	12 50	741 00
Entomology.....	292 00	5 25	286 75
Farm Mechanics.....	95 00	4 00	91 00
French.....	11 00		11 00
General Engineering Drawing.....	841 00	39 25	801 75
Geology.....	385 00	15 25	369 75
Home Economics.....	1 409 50	47 50	1 362 00
Horticulture.....	346 50	19 25	327 25
Journalism.....	407 00	10 00	397 00
Law.....	48 00	14 50	33 50
Mechanical Engineering.....	1 991 50	25 00	1 966 50
Mining Engineering.....	39 00	2 50	36 50
Music.....	4 262 50	100 00	4 162 50
Physical Education (Women).....	2 127 00	76 50	2 050 50
Physics.....	2 833 50	87 00	2 746 50
Physiology.....	808 50	35 00	773 50
Psychology.....	110 00	6 50	103 50
Railway Engineering.....	15 00	1 50	13 50
Theoretical and Applied Mechanics.....	790 50	16 00	774 50
Zoology.....	1 797 00	86 77	1 710 23
<i>Total, Laboratory Fees, Urbana.....</i>	<i>\$ 46 015 50</i>	<i>\$ 2 188 02</i>	<i>\$ 43 827 48</i>
<i>Total Fees, Urbana Departments.....</i>	<i>\$440 225 75</i>	<i>\$15 318 27</i>	<i>\$424 907 48</i>

**CHICAGO DEPARTMENTS\***

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 3 980 00	\$ 200 00	\$ 3 780 00
Tuition Fees.....	72 262 48	2 351 48	69 911 00
Physicians Course.....	470 00	50 00	420 00
Late Registration Fees.....	15 00		15 00
Transcript of Credits Fees.....	52 50		52 50
Special Examination Fees.....	400 00		400 00
Diploma Fees.....	570 00		570 00
<i>Total, General Fees, Chicago.....</i>	<i>\$ 77 749 98</i>	<i>\$ 2 601 48</i>	<i>\$ 75 148 50</i>
Obstetric Fee.....	1 810 00		1 810 00
Laboratory Fees.....	32 320 00	1 312 24	31 007 76
<i>Total Fees, Chicago Departments.....</i>	<i>\$111 888 98</i>	<i>\$ 3 913 72</i>	<i>\$107 975 26</i>
<i>Total Fees, University.....</i>	<i>\$552 114 73</i>	<i>\$19 231 99</i>	<i>\$532 882 74</i>

\*Does not include a total of \$1,016.02 charged as deposits, breakage, and locker fees. Of this amount \$33.13 was refunded.

This report was received for record.

#### THE QUARTERLY REPORT OF THE COMPTROLLER

(28) The following quarterly report of the Comptroller to the Board of Trustees as at March 31, 1932. A copy of this report has been delivered to Arthur Young and Company, auditors of the University accounts, for verification and transmittal with their report direct to the Board of Trustees. Copies of the Comptroller's report have also been sent to the members of the Board.

#### QUARTERLY REPORT OF THE COMPTROLLER QUARTER ENDED MARCH 31, 1932

##### SUMMARY

##### *Reserve and Contingent Fund*

The unappropriated balance of the Reserve and Contingent Fund at the close of the quarter was \$165,663, as per Schedule B. The balance at the corresponding date a year ago was \$54,355. Of the present amount, \$39,458 represents the unappropriated balance of the estimated income of the fiscal year, and \$126,205 represents a balance carried forward July 1, 1931. This is a book balance only; see notes on Schedules B and D.

##### *Budget Income*

Realization of the budget income for the quarter, as per Schedule D, was as follows:

	<i>Estimate For Year</i>	<i>Percent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (Percent realized represents portion expended to March 31, 1932).....	\$ 940 000 00	62 1	65 5
Federal Funds.....	475 023 00	91 9	92 2
Student Fees.....	1 125 000 00	88 7	95 3
Agricultural Sales:			
Credited to Revolving Accounts....	121 272 00	66 1	70 5
Credited to Budget Income.....	114 150 00	58 9	70 2
Miscellaneous Sales and Receipts.....	95 000 00	87 9	74 9

##### *Treasurer's Balance*

The cash balance in all funds held by the University Treasurers at the close of the quarter, allowing for outstanding warrants, was \$651,946, Schedule C. On the corresponding date a year ago, the balance was \$920,102. Of the present balance, \$122,214 represents general University funds, \$109,542 Federal funds, \$279,705 residence hall funds, and \$140,485 trust funds. Securities totaling \$431,050 par value have been deposited by H. S. Capron, Treasurer, to secure the general University funds, Federal funds, and residence hall funds, the total balance being \$343,802. Also, securities totaling \$657,156 market value have been deposited by Frank M. Gordon, Treasurer, to secure his total balance of \$151,106.

##### *State Funds Balances*

The total balance of all State Appropriations for the year as at the end of the quarter was \$3,246,078. Of this total, \$1,872,783 was for operations, \$1,365,138 was for new buildings, and \$8,157 was for special purposes (See Schedule C). The sum, \$1,872,783, is payable out of the Mill Tax Fund, while \$1,373,295 is payable out of the General Revenue Fund. The balance in the Mill Tax Fund at the end of the quarter, allowing for outstanding warrants was \$12,038.74. Uncollected taxes for 1929 and 1930 account for the unrealized difference.

##### *Budget Expenditures*

Board appropriations to departments for the current fiscal year total \$6,668,246, including salaries \$4,478,079, and expense and equipment \$2,190,167.

These were 69.5 percent expended at the end of the quarter, and 1.1 percent encumbered. (Included in Schedule E.) On the corresponding date a year ago these appropriations were 70.4 percent expended and 1.6 percent encumbered.

#### Expendable Trust Funds

Balances at the beginning of the year and receipts for the year on account of Expendable Trust and Special Funds arising from gifts and income from endowments totaled \$318,420, disbursements were \$189,121, encumbrances were \$2,143, leaving an unencumbered balance at the end of the quarter of \$127,156, per Schedule H.

#### Endowment Funds

Endowment funds from private gifts for special purposes (see Schedule G) amounted, on March 31, 1932, to \$369,610.

#### Student Loan Funds

Student loan funds from private gifts as of March 31, 1932, totaled \$203,467, per Schedule A. Loans outstanding as of that date amounted to \$191,573, leaving \$11,894 available for loaning.

#### Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6 percent bonds totaling \$48,400 on the Dental Building in Chicago, due in 1932 (Schedule A).

LLOYD MOREY  
Comptroller

SCHEDULE A  
BALANCE SHEET AS AT  
MARCH 31, 1932

ASSETS

<b>I. General and Building Funds</b>			
Cash with University Treasurer (Schedule C).....	\$511 461 04 <sup>1</sup>		
Petty Cash Funds.....	30 745 88		
Balances in State Appropriation (Schedule C):			
For Operation (Schedule D) (Mill Tax).....	\$1 872 782 84		
For Buildings.....	1 365 138 23		
For Special Purposes.....	8 157 24 3	246 078 31	
Notes Receivable.....		1 359 75	
Accounts Receivable.....		38 702 18	
Stores and Service Departments Inventories (Schedule F).....		107 660 23	
Unrealized Estimated Income (Schedule D):			
Smith-Lever, Hatch-Adams, Purnell, Capper-Ketcham, and Additional Cooperative Fund, U. S. Appropriations.....	22 500 00		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	126 919 74		
Agricultural Sales.....	46 877 53		
Miscellaneous Sources.....	11 469 40		
Creamery Surplus.....	12 500 00	256 266 67	\$ 4 172 274 06
<b>II. Trust Funds</b>			
Cash with University Treasurer (Schedule C).....	140 484 92		
Notes Receivable (Student Loans).....	191 573 34		
Prepaid Insurance.....	105 84		
Investments:			
Stocks and Bonds.....	523 662 23		
Land.....	46 550 00	370 212 23	702 376 35
<b>III. Land Grant Endowment Fund</b>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<b>IV. Plant and Property</b>			
Plant and Property (July 1, 1931).....			27 378 271 57
<b>Total Assets.....</b>			<u>\$32 901 934 87</u>

## LIABILITIES AND SURPLUS

<b>I. General and Building Funds</b>	
Vouchers Payable.....	\$45 680 41
Appropriation Balances (Schedule E):	
Encumbered.....	\$ 111 552 55
Unencumbered.....	3 400 105 43
Reserve for Petty Cash Funds.....	3 511 657 98
Reserve for Stores.....	30 745 88
Residence Hall and Hospital Balances.....	122 360 64
Unappropriated Agricultural Income.....	279 704 70
Unappropriated General Income (Reserve and Contingent Fund) (Schedule B).....	16 461 47
	<u>165 662 98</u> \$ 4 172 274 06
<b>II. Trust Funds</b>	
<b>Expendable Funds (Schedule H):</b>	
Encumbered.....	2 142 98 <sup>R</sup>
Unencumbered.....	127 156 14
Non-Expendable Funds (Schedule G).....	369 609 55
Student Loan Funds.....	203 467 66
	<u>702 376 33</u>
<b>III. Land Grant Endowment Fund.....</b>	
	649 012 91
<b>IV. Plant Liabilities and Investment</b>	
Dental Property Bonds.....	48 400 00
Invested in Fixed Assets.....	27 329 871 57
<b>Total Liabilities and Surplus.....</b>	<u>\$32 901 934 87</u>

<sup>1</sup>Securities totaling \$431,050 par value have been deposited by H. S. Capron, Treasurer, to secure general funds balance of \$343,802.46. Also, securities totaling \$657,156 market value have been deposited by Frank M. Gordon, Treasurer, to secure his total balance of \$151,105.82.

SCHEDULE B  
STATEMENT OF RESERVE AND CONTINGENT FUND  
FOR THE QUARTER ENDED  
MARCH 31, 1932

Balance Forward January 1, 1932.....	\$171 638 53
<b>Add:</b>	
Lapsed 1930-31 Balances (Previously carried forward to cover encumbrances but not required).....	\$3 499 37
Adjustment to Appropriation Accounts Budget Appropriations (U. S. Additional Cooperative Fund Unassigned)....	3 200 00
Part repayment of petty cash advanced to Cook County Experiment Station—E. P. Lewis.....	54 12 6 753 49 \$178 302 02
<b>Deduct:</b>	
Changes and Adjustments to Budget:	
Miscellaneous Salary Adjustments:	
Physics.....	2 100 00
Education (Special).....	200 00
Special Appropriations made by Board of Trustees:	
In meeting January 13, 1932:	
Death Benefits (Charles B. Smith) (Page 503).....	610 00
In meeting February 6, 1932:	
Moving into Medical and Dental Laboratories Building (Page 515).....	3 054 43
In meeting February 10, 1932:	
Premium on Treasurer's Bond (Page 537).....	2 500 00
In meeting March 8, 1932:	
Radio Station Special Equipment (Additional) (Page 547).....	675 00
Premium on Treasurer's Bond (Additional) (Page 546)....	209 61
Adjustment to 1931-32 Income from U. S. Acts through U. S. Treasurer (Additional Cooperative Fund).....	3 200 00
To set up a reserve for additional funds advanced to Dairy Creamery Petty Cash Fund.....	200 00
	<u>12 729 04</u>
<b>Unappropriated Balance of Income, March 31, 1932</b>	
(To Schedule A).....	<u>\$165 662 98<sup>1</sup></u>
<sup>1</sup> From 1930-31 Balance (Non-recurring).....	\$126 205 32
From estimated 1931-32 income (Budget Balance).....	39 457 66
	<u>\$165 662 98</u>

*Note:* This is a statement of book resources, based on the original budget for 1931-32. The resources as estimated in that budget will probably not be realized by approximately \$700,000.

SCHEDULE C  
SUMMARY OF RECEIPTS AND DISBURSEMENTS  
1931-32 TO MARCH 31, 1932

	<i>Balance, July 1, 1931</i>	<i>Receipts and State Appropriations</i>	<i>Disbursements</i>	<i>Balance, March 31, 1932 (See Schedule A)</i>
<i>Funds in Possession of University Treasurer</i>				
General Fund.....	\$ 663 136 28	\$1 922 907 31	\$2 074 582 53	\$ 511 461 04
Trust Funds.....	108 375 99	287 289 28	255 180 35	140 484 92
<b>Total.....</b>	<b>(771 512 27)</b>	<b>(2 210 196 59)</b>	<b>(2 329 762 90)</b>	<b>(651 945 96)<sup>1</sup></b>
<i>State Appropriations</i>				
<i>For Operation:</i>				
Salaries and Wages.....		3 675 000 00	2 344 838 79	1 330 161 21
Office Expense.....	5 837 53	150 000 00	80 838 44	74 999 09
Travel.....		35 000 00	23 528 21	11 471 79
Operation.....	3 993 04	500 000 00	293 094 34	210 898 70
Repairs.....	22 745 38	165 000 00	103 154 14	84 591 24
Equipment.....	21 690 89	315 000 00	189 864 08	146 826 81
Improvements.....	14 189 08	100 000 00	100 355 08	13 834 00
<b>Total, Operation.....</b>	<b>(68 455 92)</b>	<b>(4 940 000 00)</b>	<b>(3 135 673 08)</b>	<b>(1 872 782 84)</b>
<i>For Buildings:</i>				
<i>1931-33:</i>				
Medical and Dental Laboratories (Second Unit).....		1 400 000 00	34 861 77	1 365 138 23
<i>1929-31:</i>				
Chemistry Annex.....	1 883 34		1 883 34	
Medical and Dental Laboratories (First Unit).....	602 999 89		602 999 89	
Power Plant Addition.....	7 083 86		7 083 86	
Woman's Gymnasium.....	76 694 14		76 694 14	
<b>Total, Buildings.....</b>	<b>(688 661 23)</b>	<b>(1 400 000 00)</b>	<b>(723 523 00)</b>	<b>(1 365 138 23)</b>
<i>For Special Purposes:</i>				
Agricultural Experiment Station, Cook County.....	941 97	15 000 00	7 784 73	8 157 24
<b>Total, State.....</b>	<b>(758 059 12)</b>	<b>(6 355 000 00)</b>	<b>(3 866 980 81)</b>	<b>(3 246 078 31)</b>
<b>Grand Total.....</b>	<b>\$1 529 571 39</b>	<b>\$8 565 196 59</b>	<b>\$6 196 743 71</b>	<b>\$3 898 024 27</b>
<i>Operation of State Mill Tax Fund for the University of Illinois, July 1, 1931 to March 31, 1932.</i>				
Vouchers issued in excess of available funds July 1, 1931.....			\$ 86 862 36*	
Receipts to March 31, 1932.....			661 322 89	
			574 460 53	
<i>Vouchers issued against Fund:</i>				
Applied on 1930-31 University Budget.....			68 455 92	
Applied on 1931-32 University Budget (Schedule D).....			493 965 87	562 421 79
Balance Available, March 31, 1932.....				<u>\$ 12 038 74</u>

\*Deduct.

<sup>1</sup>Securities totaling \$431,050 par value have been deposited by H. S. Capron, Treasurer, to secure general funds balance of \$343,802.46. Also, securities totaling \$657,156 market value have been deposited by Frank M. Gordon, Treasurer, to secure his total balance of \$151,105.82.

SCHEDULE D  
REALIZATION OF INCOME FOR OPERATIONS  
1931-32 TO MARCH 31, 1932

	Budget Estimate	Realized to Date	Unrealized Balance (Schedule A)
<i>State Funds</i>			
From Mill Tax .....	\$2 400 000 00	\$ 493 965 87	\$1 906 034 13
From General Revenue .....	2 540 000 00	2 573 251 29	33 251 29*
<i>Total, State</i> .....	(4 940 000 00)	(3 067 217 16)	(1 872 782 84)
<i>Other Sources</i>			
Credited to Special Budget Income Accounts (Schedule A):			
From U. S. Treasurer:			
Smith-Lever Fund .....	220 311 40	220 311 40	
Capper-Ketcham Fund .....	38 461 01	38 461 01	
Additional Extension Fund .....	27 800 00	27 800 00	
Hatch-Adams Fund .....	30 000 00	22 500 00	7 500 00
Purnell Fund .....	60 000 00	45 000 00	15 000 00
<i>Total, Federal</i> .....	(376 572 41)	(354 072 41)	(22 500 00)
From State Treasurer:			
Interest on Endowment Fund .....	32 450 66	32 450 66	
Morrill-Nelson Funds .....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes) .....	16 000 00		16 000 00
From Student Fees .....	1 125 000 00	998 080 26	126 919 74
From Agricultural Sales .....	114 150 00	67 272 47	46 877 53
From Miscellaneous Income .....	95 000 00	83 530 60	11 469 40
From Creamery Surplus .....	12 500 00		12 500 00 <sup>1</sup>
<i>Total, Credited to Special Budget Income Accounts</i> .....	(1 821 673 07)	(1 585 406 40)	(236 266 67)
Credited Direct to Appropriation and Revolving Accounts:			
From Agricultural Sales .....	108 772 00	80 219 99	28 552 01 <sup>2</sup>
From Other Income .....		14 420 13	14 420 13 <sup>2,3</sup>
<i>Total, Credited Direct to Appropriations and Revolving Accounts</i> .....	(108 772 00)	(94 640 12)	(14 131 88)
<i>Grand Total</i> .....	<u>\$6 870 445 07*</u>	<u>\$4 747 263 68</u>	<u>\$2 123 181 39<sup>1</sup></u>

\*Deduct, Excess over Estimate.

<sup>1</sup>To be transferred from Creamery Operating Account, June 30, 1932.<sup>2</sup>Credited direct to revolving accounts, not carried as separate items on Balance Sheet.<sup>3</sup>No budget estimate set up.

This is a statement of book resources, based on the original budget for 1931-32. The resources as estimated in that budget will probably not be realized by approximately \$700,000.00.

SCHEDULE E  
SUMMARY OF BOARD APPROPRIATIONS  
AS AT MARCH 31, 1932

	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General .....	\$ 486 414 11	\$ 320 637 28	\$ 16 849 96	\$ 148 926 87
Library .....	320 172 16	236 668 24	19 878 54	63 625 38
Liberal Arts and Sciences .....	1 238 170 16	876 914 68	889 58	360 365 90
Engineering .....	658 398 64	462 736 99	6 029 54	189 632 11
<i>Agriculture:</i>				
University Appropriation .....	1 106 173 86	754 393 11	8 922 31	342 858 44
U. S. Extension .....	303 159 38	191 194 56	2 472 80	109 492 02
Graduate School .....	91 935 86	56 572 90	4 766 62	30 596 34
Journalism .....	32 856 21	24 059 22	58 65	8 738 34
Law .....	80 911 00	60 535 07		20 375 93
Library School .....	33 846 50	23 377 58	40 60	10 428 32
Military .....	30 494 23	12 852 60	95 25	17 546 38
Summer Session 1931 .....	47 018 95	45 250 54		1 768 41
Summer Session 1932 .....	43 064 48	423 08	830 70	41 810 70
Fine and Applied Arts .....	215 454 12	146 169 71	191 91	69 092 50
Education .....	198 540 24	136 114 85	1 268 20	61 157 19
Commerce .....	224 197 81	164 994 60	284 83	58 918 38
Physical Welfare .....	132 173 36	96 200 59	1 697 34	34 275 43
Physical Plant Operation and Main- tenance .....	697 106 00	507 795 34		189 310 66
Medicine, Dentistry, and Pharmacy .....	957 851 39	652 833 57	11 446 27	293 571 55
<i>Sub-total</i> .....	(6 897 938 46)	(4 769 724 51)	(75 723 10)	(2 052 490 85)
Land, Buildings, and Improvements; Special State Building Appropria- tions .....	2 089 709 31	724 538 21	32 400 00	1 332 771 10
Other Appropriations .....	306 003 90	287 730 97	3 429 45	14 843 48
<i>Grand Total</i> .....	<u>\$9 293 651 67</u>	<u>\$5 781 993 69</u>	<u>\$111 552 55</u>	<u>\$3 400 105 43</u>

SCHEDULE F  
SUMMARY OF STORES AND REVOLVING ACCOUNTS  
AS AT MARCH 31, 1932

	Balance, July 1, 1931	Disburse- ments	Credits From Department Requisitions and Sales	Balance, March 31, 1932
Storerooms.....	\$113 816 48	\$ 257 105 86	\$ 260 561 02	\$110 361 32
Service Departments.....	790 39*	1 209 018 19	1 210 016 86	1 789 06*
Revolving Accounts.....	418 21*	16 365 10	16 858 92	912 03*
<i>Total</i> .....	<u>\$112 607 88</u>	<u>\$1 482 489 15</u>	<u>\$1 487 436 80</u>	<u>\$107 660 23</u>

\*Credit Balance.

SCHEDULE G  
SUMMARY OF TRUST ENDOWMENT FUNDS  
AS AT MARCH 31, 1932

	Balance, July 1, 1931	Additions	Total, March 31, 1932
Professorial and Lectureship Endowments.....	\$145 332 43	\$ 112 50	\$145 444 93
Scholarship, Fellowship, and Prize Endowments.....	84 857 77	20 200 00	105 057 77
Miscellaneous Endowments.....	120 400 54	2 207 65*	118 192 89
Gains and Losses on Group Investments.....		913 96	913 96
<i>Grand Total</i> .....	<u>\$350 590 74</u>	<u>\$19 018 81</u>	<u>\$369 609 55<sup>1</sup></u>

<sup>1</sup>Invested as Follows:

Special Investments (including Carter-Pennell Farms).....	\$251 892 13
Group Investments.....	117 820 10
<i>Total Investments</i> .....	<u>\$369 712 23</u>
Excess of investments over total endowment funds.....	<u>\$ 102 68<sup>N</sup></u>

\*Deduct. Transferred to other funds.

SCHEDULE H  
SUMMARY OF EXPENDABLE TRUST FUNDS  
AS AT MARCH 31, 1932

	Total Credits	Disburse- ments	Encum- brances	Free Balance, March 31, 1932
Professorial and Lectureship Endowments				
Income.....	\$ 6 104 88	\$ 3 767 87	\$ 6 00	\$ 2 331 01
Student Loan Endowments Income (Subject to annuity).....	341 54	251 56		89 98
Scholarship, Fellowship, and Prize Endowments				
Income.....	6 325 88	4 055 06	15 30	2 255 52
Miscellaneous Endowments Income.....	8 236 03	4 945 44	6 97	3 283 62
Building and Improvement Gifts.....	620 54	27 95	2 35	590 24
Scholarship, Fellowship, and Prize Gifts.....	13 839 63	6 779 41		7 060 22
Research Gifts.....	180 992 87	143 158 00	1 881 66	35 953 21
Other Expendable Funds.....	37 920 29	9 070 69	70	28 848 90
Deposit Funds.....	64 038 50	17 065 06	230 00	46 743 44
<i>Grand Total</i> .....	<u>\$318 420 16</u>	<u>\$189 121 04</u>	<u>\$2 142 98</u>	<u>\$127 156 14</u>

## APPENDIX

STATEMENT OF MEMORIAL STADIUM FUND  
AS AT MARCH 31, 1932

Cash Balance, July 1, 1931.....	\$1 042 33
Receipts, July 1 to March 31, 1932:	
From Subscriptions.....	\$320 00
From Interest on Pledges.....	1 00
From Office Collection Expense Refunded by the Athletic Association.....	127 71
Disbursements, July 1 to March 31, 1932:	
For Office Collection Expense.....	121 39
For Payments on Borrowed Money.....	1 135 00
Cash Balance, March 31, 1932.....	<u>\$ 243 65</u>
Advanced by Athletic Association for Completion of Stadium.....	<u>\$ 25 365 00</u>
Uncollected Pledges.....	<u>\$482 176 60</u>

This report was received for record.

**REPORT ON PATENTS**

(29) At the March meeting of the Board (Minutes, page 556) the President of the University was requested to present a report on patents now held by the University and the status of agreements for the commercial development of any of them. I submit as a report of progress a list of the documents in the files of the Secretary of the Board pertaining to patents and to contracts for the sale or use of patents held by the University. A copy of this list, together with copies of the documents pertaining to these various patents, was sent to each member of the Committee on Patents.

This report was received for record.

**LETTER FROM MR. F. L. DAVIS**

(30) A letter from Mr. F. L. Davis, of New York.

This letter was received for record.

**FORECLOSURE OF MARTIN MORTGAGE**

(31) A report from Mr. Williams, of foreclosure of the mortgage of Mr. W. B. Martin, et al., taken April 7, 1932. The Court allowed ninety days for the redemption period.

This report was received for record.

**STUDIES FOR JOURNALISM BUILDING**

(32) Sketches prepared by the Supervising Architect of the proposed Journalism building.

Professor White exhibited the sketches. No action was taken.

**DATE OF MAY MEETING**

On motion of Mr. Armstrong, the Board voted to hold the May meeting at Urbana, at 10 o'clock a.m. on Wednesday, May 11, 1932.

**GRADUATE SCHOLARSHIPS AND FELLOWSHIPS**

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

Bacteriology	Elbert H. Ruyle.....	Fellowship	\$500
Botany	Lauretta E. Fox.....	Fellowship	400
	Theodore M. Sperry.....	Fellowship	500
Chemistry	Herbert E. Carter.....	Carr Fellowship	750
	Homer R. Duffey.....	DuPont Fellowship	750
	Tse Tsing Chu.....	Fellowship	500
	Donald S. Frederick.....	Fellowship	400
	James B. Reed.....	Fellowship	400
	Edwin J. Schrock.....	Scholarship	300
	Oliver C. Simpson.....	Fellowship	500
	William E. Sohl.....	Fellowship	500
	William E. Starr.....	Scholarship	300
	Henry R. Todd.....	Scholarship	300
Classics	Wilson V. Upton.....	Scholarship	300
	Milton H. Wahl.....	Fellowship	500
	Bernice L. Ernst.....	Scholarship	300
	Harriet C. Jameson.....	Fellowship	400
	Stephen W. Paine.....	Fellowship	500
	Alfreda K. Stallman.....	Scholarship	300
	Donald E. Strout.....	Fellowship	500
Economics	Cyrus S. Corey.....	Fellowship	500
	Theodore A. C. Helmreich.....	Fellowship	400
Education	William B. Lockling.....	Fellowship	500
	Dewey B. Stuit.....	Fellowship	400
Engineering (Ceramics)	James P. Breen.....	Fellowship	400

(Civil)	David J. Brumley.....	Fellowship	400
	Milo S. Ketchum.....	Fellowship	400
	Glenn Murphy.....	Fellowship	400
(Electrical)	David E. Wiegand.....	Fellowship	400
English	Elizabeth Bird.....	Scholarship	300
	Dorothy Burrows.....	Fellowship	500
	Rosalia L. Conlee.....	Scholarship	300
	Walter F. Wright.....	Fellowship	400
History	Selig Adler.....	Fellowship	400
	F. Hardee Allen.....	Fellowship	500
	George L. Anderson.....	Fellowship	500
	Andrew R. Hoeflin.....	Scholarship	300
	John A. Moe.....	Scholarship	300
	Mary J. Munn.....	Scholarship	300
	Rollin W. Tommeraasen.....	Scholarship	300
Mathematics	Sherburne F. Barber.....	Fellowship	500
	Harry E. Crull.....	Fellowship	500
	Marvin G. Moore.....	Fellowship	400
Political Science	Edward L. Adams.....	Fellowship	400
Psychology	Doris Shearer.....	Scholarship	300
Romance Languages	Donald F. Brown.....	Scholarship	300
	May A. Parsons.....	Fellowship	400
Zoology	Harry J. Bennett.....	Fellowship	400
	Frieda Brackebusch.....	Scholarship	300
	Agnes C. Sodergren.....	Scholarship	300
Economics of Public Utilities	Vernon P. Christman.....	Scholarship	400
	Leonard R. Koser.....	Fellowship	800
	Severin P. Langhoff.....	Fellowship	600
	Wayne L. McMillen.....	Scholarship	400
	Robert W. Mayer.....	Fellowship	800
	James C. Pettee.....	Scholarship	400
	Harold R. Spiegel.....	Scholarship	400
	William H. Taylor.....	Fellowship	600
	John J. Thornborrow.....	Scholarship	400
	Theodore L. Whitesel.....	Scholarship	400

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Boikan, William, Instructor in Pathology and Bacteriology, in the College of Medicine, beginning April 15, 1932, and continuing until September 1, 1933, without salary. (April 15, 1932)<sup>1</sup>

Fishman, Louis Z., Assistant in the Department of Otology, Rhinology, and Laryngology, in the College of Medicine, beginning March 15, 1932, and continuing until September 1, 1932, without salary. (March 17, 1932)

Gant, Virgil A., Assistant in Pharmacology and Therapeutics, in the College of Medicine, beginning February 8, 1932, and continuing until September 1, 1932, without salary. (March 25, 1932)

Hayden, Henrietta S., Assistant in Chemistry, on one-third time, for four months beginning March 1, 1932, at a cash compensation at the rate of forty dollars (\$40) a month (this supercedes her previous appointment). (March 19, 1932)

Thurston, Jack T., Assistant in Chemistry, on one-third time, for four months beginning March 1, 1932, at a cash compensation at the rate of forty dollars (\$40) a month. (March 19, 1932)

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

EDWARD E. BARRETT

*President*

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

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**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**May 11, 1932**



The May meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9 o'clock a.m. on Wednesday, May 11, 1932. The following members were present: President Barrett, Mr. Armstrong, Mr. Barr, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams.

President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of April 20, 1932.

On motion of Mr. Trees, the minutes were approved as printed on pages 559 to 588 above.

**TRIBUTE OF THE BOARD OF TRUSTEES TO  
MRS. LAURA B. EVANS**

On motion of Dr. Noble, the following resolution was adopted.

The members of the Board of Trustees of the University of Illinois record with profound sorrow and a sense of great loss the death on April 29, 1932, of their honored and beloved colleague, Mrs. Laura B. Evans.

From 1903 until her death she served continuously as a member of the Board of Trustees of the University, manifesting a devoted interest in the welfare of the University in all phases of its activities, particularly in promoting the welfare of the women students. She was untiring in her interest and activities in behalf of the Women's Residence Halls, and in the organization of women's cooperative houses. She was always ready with her help and advice.

Her work on the Board was but one phase of her long and faithful career of public service. She was for many years president of the Taylorville Public Library, an institution she is largely credited with establishing. She was active in the work of the Women's Relief Corps and served as State President of that organization.

Finally, the Members of the Board would record their appreciation of Mrs. Evans as a woman of warm sympathies, high ideals of conduct and living, and a loyal and warm supporter of all measures that set before her beloved students the ideals in which she believed. She numbered among her friends the great people of the State, and she was a friend of the friendless. In her death the State has lost a loyal citizen and a faithful servant, and the University of Illinois a true friend in every sense of the word.

In recording this tribute to the memory of their dear friend and colleague, the Members of the Board of Trustees direct the Secretary to send a copy of this message to the members of Mrs. Evans' family as an expression of the sorrow of the Board and its deepest sympathy with them in their great loss.

**MATTERS PRESENTED BY PRESIDENT CHASE**

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

**AUTHORITY TO CONFER DEGREES**

(1) A request for authority to confer degrees at the Commencement exercises, in the Chicago Departments on June 10, and in the Urbana Departments on June 13, on such candidates as may be duly qualified and recommended by the University Senate.

On motion of Mrs. Grigsby, this authority was granted.

**LEAVES OF ABSENCE**

(2) A report that leaves of absence have been granted the following members of the staff:

1. Dr. Sherlock Swann, Research Associate in Chemical Engineering, for one month during the summer in addition to his month's vacation, on account of his health.

2. Herman Wascher, First Assistant in Soil Survey Mapping, two weeks during the summer in addition to his vacation, with pay, to enable him to take a field course in Geology during the coming summer at the University of Colorado.

On motion of Mr. Barr, these leaves were granted.

**CANCELLATION OF LEAVE FOR  
PROFESSOR EDNA E. WALLS**

(3) A recommendation that the action of the Board of Trustees at its meeting on April 20 granting Miss Edna E. Walls, Specialist and Assistant Professor in Child Development and Parent Education, a sabbatical leave of absence on one-half pay under the rules for one year beginning September 1, 1932, be rescinded because of the refusal of the United States Department of Agriculture Extension Service to concur in the arrangement.

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

**LABORATORY FEES IN THE COLLEGE OF PHARMACY**

(4) A recommendation that the following laboratory fees in the College of Pharmacy be authorized, effective in September, 1932:

*First Semester*

Pharmacy 23.....	\$ 7 00
Chemistry 21.....	10 00
General Botany 23.....	6 00
<i>Total, first semester.....</i>	<i>\$23 00</i>

*Second Semester*

Pharmaceutical Preparations 24.....	\$ 7 00
Organic Chemistry 22.....	13 00
Physics 24.....	5 00
Plant Histology 22.....	4 00
<i>Total, second semester.....</i>	<i>\$29 00</i>
<i>Total for year.....</i>	<i>\$52 00</i>

On motion of Mr. Barr, these fees were approved.

**PLYM FELLOWSHIP APPOINTMENT**

(5) A report that the Plym Fellowship Committee has appointed Charles T. Masterson, 1833 Alcoy Road, Cleveland, Ohio, of the Class of 1930, to the Nineteenth Plym Fellowship in Architecture, and Mr. Arthur Bassin, 307 South Wright Street, Champaign, Class of 1931, as an alternate in case Mr. Masterson cannot accept.

This report was received for record.

**RULES FOR PLYM FOREIGN SCHOLARSHIP IN  
ARCHITECTURAL ENGINEERING**

(6) A report of a change in the regulations governing the Plym Foreign Scholarship in Architectural Engineering adopted by the Board of Trustees on May 17, 1924 (Minutes, page 480). A copy of the regulations as amended is hereby filed with the Secretary of the Board for record.

"That a committee to be known as the Plym Scholarship Committee shall consist of such members of the staff of the Department of Architecture as may be required to administer the work, with the Head of the Department as an *ex officio* member."

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

**KATE NEAL KINLEY MEMORIAL  
FELLOWSHIP REGULATIONS**

(7) A report that the Kate Neal Kinley Memorial Fellowship Committee has been authorized to prepare an announcement and regulations to govern the award of the Kate Neal Kinley Memorial Fellowship. These regulations are in accordance with the conditions of the gift as published in the Minutes of the Board of Trustees of September 29, 1931 (Minutes, page 410). A copy of these regulations is filed with the Secretary of the Board for record.

On motion of Mrs. Grigsby, these rules were adopted.

**ELECTRICAL ENGINEERING LOAN FUND**

(8) On October 13, 1928 (Minutes, page 45), the Board accepted the offer of the student Electrical Engineering Society to turn over the money it has made on the Electrical Shows for the establishment of a student loan fund under certain conditions.

In as much as the Electrical Engineering Society is now extinct, the organization which has replaced it, The Student Branch of the American Institute of Electrical Engineers, requests that the name of this fund be changed to THE ELECTRICAL ENGINEERING LOAN FUND; and that since students in the curriculum in Engineering Physics now participate in the work of the organization, such students be extended the same rights to secure loans that students in Electrical Engineering have.

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

At this point, Mr. Barrett, being called from the room, asked Mr. Armstrong to take the chair.

#### **CARTER-PENNELL FARM DRAINAGE PROJECT**

(9) A recommendation that a payment of \$100 be made from the North Carter-Pennell Trust Farm income for a drainage project which is being promoted by the Village of Rankin.

On motion of Mr. Barr, this payment was authorized, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

At this point, Mr. Barrett returned.

#### **USE OF FLINT OIL DUST INSECTICIDE METHOD BY ILLINOIS ORCHARDISTS**

(10) On February 6, 1931 (Minutes, page 174), Professor W. P. Flint, Chief Entomologist of the State Natural History Survey and Entomologist of the Agricultural Experiment Station, was authorized to apply for a patent on his method of making certain types of dusting insecticides with oils, which patent has since been assigned to the University. The Niagara Sprayer and Chemical Company of Middleport, New York, has been authorized to manufacture and sell insecticidal oil dusts made under this formula.

Professor Flint reports that some orchardists in Illinois have equipment for making such dusts for use in their orchards and he recommends that they be permitted to use his method.

On motion of Mr. Trees, this privilege was granted to the orchardists of Illinois, for their own use only, and not for sale, for a period of five years, subject to any existing agreements.

#### **STATUS OF STADIUM FUND**

(11) A recommendation that the Stadium Fund which heretofore has been handled as a separate fund with its own treasurer be deposited with the University Treasurer as a trust fund and that the Comptroller be authorized to turn over the net receipts of the fund, after deduction of collection expenses, to the Athletic Association until such time as the advance made by it for the completion of the stadium has been fully covered, with the understanding that the matter be kept alive.

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

#### **REVISED STATUTES OF THE UNIVERSITY**

(12) On September 29 and November 16, 1931 (Minutes, page 478 and 485), the Board of Trustees adopted certain Statutes for the educational organization and administration of the University as recommended by the University Senate and as amended by the Board on June 26, 1931 (Minutes, page 284). The University Senate at its various meetings held during the present academic year has adopted certain supplementary provisions, and it recommends that the following Statutes be adopted and that all conflicting statutes and rules be herewith repealed:

#### **APPOINTMENTS**

All appointments, reappointments, and promotions of members of the staff shall be made by the Board of Trustees, on recommendation presented by the President.

Appointments shall be made on the merit basis, solely with respect to the special fitness of the individual for the work demanded in the position.

The following ranks in the academic staff shall be recognized: professor, associate professor, assistant professor, associate, instructor, lecturer, assistant. The principal officers of the administrative staff may be accorded an appropriate academic rank, with the rights and privileges pertaining thereto.

Recommendation to positions in the academic staff shall ordinarily originate with the department, or, in cases of groups not organized as departments, with the officers in charge of the work concerned, and shall be presented to the dean of the college for transmission with his recommendation to the President. In case the appointment or promotion of members of the rank of professor or associate professor is involved, the dean shall consult, so far as it is practicable, the chairman and the executive committee, or the head of the department concerned, or, if the college has no departments, the executive committee of the college, before making his recommendation. If the appointment involves a person who may be expected to offer courses open to graduate students, the dean of the college concerned shall consult also the dean of the Graduate School.

In determining appointments to, and salaries and promotion in, the academic staff, special consideration shall be given: (a) to the teaching ability of the appointee or prospective appointee; (b) his research ability and achievement; and (c) his general usefulness or promise thereof to the University.

#### ACADEMIC FREEDOM

Academic freedom in teaching and in the pursuit of knowledge shall be maintained.

#### TENURE

An appointment as professor or as associate professor shall be for an indefinite term; provided, however, that when a person's first appointment in this University is to a professorship or an associate professorship, such appointment may be for any limited term, but a reappointment following shall be for an indefinite term. Appointments below the rank of associate professor shall be made for a definite term. Tenure may be terminated by: (1) honorable retirement; (2) acceptance of resignation; or (3) discharge for cause.

Cause for discharge shall consist of conduct seriously prejudicial to the University through deliberate infraction of law or commonly accepted standards of morality, neglect of duty, or inefficiency or incompetency.

No appointee shall be removed before the expiration of his term of service without first having been presented with a written statement detailing the charges against him, together with a summary of the evidence in support of the same. After the presentation of charges he shall have the opportunity of a hearing before the Board of Trustees.

#### GRADUATE SCHOOL

The Graduate School shall be organized with a teaching faculty, an executive faculty, and a dean.

Except as otherwise provided under this heading the Graduate School shall be governed by the same regulations as a college. The teaching faculty of the Graduate School shall consist of the President, the dean, and all those who on recommendation of the department have been approved by the Executive Faculty to be in independent charge of courses designed for graduate students, or of theses to be submitted for higher degrees.

The executive faculty shall consist of ten or more members chosen annually from the teaching faculty, and the dean, who shall be *ex officio* a member and chairman of the Executive Faculty. Of this number the teaching faculty shall elect three, and the remainder shall be appointed by the President in consultation with the dean and the three members elected by the teaching faculty. The executive faculty shall advise the dean in the administration of the school.

The method of appointment and the duties of the dean of the Graduate School shall be the same as those of the dean of a college. In the appointment to the staff of any college or school of a person who may be expected to offer courses open to graduate students, or to supervise theses submitted for higher degrees, the dean of the Graduate School shall be consulted by the dean of the college, or the director of the school in which the appointment is to be made.

### SUMMER SESSION

All courses for which credit towards a degree is given in the Summer Session shall be maintained at the same grade and standards as other work in the University.

The scope and character of the courses offered therein shall be outlined by the respective departments and the director of the Summer Session, and shall be approved in the same manner as other courses.

The director shall be appointed biennially by the Board of Trustees, on the recommendation of the President of the University. He shall be the chief executive of the Summer Session, and shall have therein the same duties as the dean of a college.

There shall be an Executive Committee, appointed by the President, which shall assist the director in the administration of his office, including the formulation of plans and the preparation of a budget.

Appointments to the academic staff of the Summer Session shall be made by the President, on the joint nomination of the department and the director.

### EXCHANGE PROFESSORS

On the recommendation of the head or chairman of a department and with the approval of the dean, the President, and the Board of Trustees, a professor, associate professor, or assistant professor may be permitted to exchange for a period of one year or one semester his position with a professor of approximately equal rank in another university, provided the arrangement does not involve substantial increase in the cost of instruction. The professor with whom the exchange is made shall during his period of service in this University be subject to the rules governing appointments and conditions of service applicable to regular members of the faculty.

### VISITING LECTURERS

In accordance with the existing practice, scholars of eminence from other universities and men of affairs who have achieved distinction in their professions may be invited from time to time to give one or more public lectures at this University. The fund for this purpose shall be administered by a committee consisting of the Dean of the Graduate School, the Provost, and one member of the Senate to be appointed by the President.

On motion of Mr. Barr, these Statutes were adopted, and all conflicting Statutes were repealed as recommended.

### REPEAL OF STATUTE GOVERNING APPOINTMENTS

(13) Provision having been made by the University Senate concerning appointments in its recommendations for the adoption of the revised statutes, the Senate recommends that the following sections in the present statutes (adopted by the Board December 28, 1908) of the Board be repealed:

A part of Section 16 (e) (as published in the booklet of "Extracts from the Laws of the Board of Trustees," 1926), beginning "It is the desire," and ending with the word "and" in the last line on page 7.

All of Section 18 (a), (page 14 of the "Extracts").

On motion of Mr. Barr, these sections of the Statutes were repealed.

### PURCHASE OF SOUND FILM PROJECTOR

(14) A recommendation that an appropriation of \$1,408.50 be made from the Reserve and Contingent Fund for the purchase of the following equipment:

One Simplex Acme projector and amplifier.....	\$1 400
One RCA loud speaker.....	90
One collapsible steel table.....	75
<i>Total</i> .....	<u>\$1 565</u>

The Company allows a ten per cent reduction to the University, which will make the net cost \$1,408.50.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

**PURCHASE OF COAL FOR CHICAGO DEPARTMENTS**

(15) A report that on recommendation of the Supervising Architect and the Comptroller a contract was placed with the Consumers Company of Chicago for coal requirements for the School of Pharmacy and College of Dentistry for the year 1932-1933 on the basis of the following proposals received:

<i>Name</i>	<i>Price per NT</i>
Consumers Company.....	\$5 74
E. L. Hedstrom Coal Company	
(5-1-32 to 8-31-32).....	5 75
(9-1-32 to 4-30-33).....	5 85
Western Fuel Company	
(5-1-32 to 9-30-32).....	5 75
(9-30-32 to 4-30-33).....	6 00
Crerar Clinch Coal Company.....	5 90
Bunge Bros. Coal Company.....	5 95
J. P. Collins Fuel Company.....	6 00

This report was received for record.

**FIRE INSURANCE ON CHICAGO DEPARTMENTS**

(16) A report that the Comptroller has been authorized to renew the fire insurance, which expires in May and July of this year, on the old medical and dental buildings and contents, pursuant to the action of the Board of Trustees on October 29, 1926 (Minutes, page 152), directing the Comptroller and the Supervising Architect to handle this matter. The Supervising Architect valued the property, the value of the contents was appraised, and the insurance value, based on 80% co-insurance, was fixed at \$133,000 on the Medical Building and \$120,000 on the Dental Building, including contents in both cases.

In order that in the future premiums on this insurance will not become due in a single year, policies will be obtained for one-fifth of the total amount, to run from one to five years, and as these policies expire they will be renewed annually for five-year periods. Proposals for this insurance were received, and on the basis of policies for one-fifth of the total amount the premiums quoted are as follows:

Otto E. Seiler, Chicago.....	\$1 265 00
W. A. Alexander and Company, Chicago.....	1 809 72
McKey and Poague, Chicago.....	1 844 60

The insurance was placed with the low bidder, Otto E. Seiler of Chicago, who will insure with the Farmer's Fire Insurance Company of York, Pennsylvania, and the Traveler's Fire Insurance Company of Hartford, Connecticut. Funds for this insurance are provided in the budget for physical plant operations in the Chicago Departments.

This report was received for record.

**REPORT ON PARR COKING PROCESS**

(17) A report on the present status of the Parr coking process to supplement the report made at the meeting of the Board on April 20 (Minutes, page 556).

This report was received for record. On motion of Mr. Barr, the Committee on Patents was requested to confer with Dr. Leighton and others with respect to this process.

**ASSIGNMENT OF PATENT RIGHTS**

(18) A report of the following assignments to the University of patent rights:

1. Inventions for improving the method in removing SO<sub>2</sub> from flue gases, disclosed in Cases 1 and 2, Canadian Applications, Serials Nos. 388,300 and 388,301, which assignments were recorded in the Canadian Patent Office on April 22, 1932, receiving therein Nos. 180,987 and 180,988 respectively. This assignment has been made by Dr. Henry F. Johnstone, Special Research Assistant Professor of Chemical Engineering.

2. Method of treatment of plant juices, Case No. 1, Serial No. 598,537, recorded in United States Patent Office, Transfers of Patents, Liber F 152 page 215, March 26, 1932. This assignment has been made by Dr. Ulrich Heubaum, Special Research Assistant in Chemistry.

This report was received for record.

#### SALE OF SECURITIES

(19) A report from the Comptroller that in accordance with the authority granted by the Board at its last meeting the Treasurer sold the remaining securities received from the First National Bank of Champaign on account of Mr. H. S. Capron as Treasurer, as follows:

\$50 000 U.S. Treasury 3% Bonds @ 94 1/32 due 1951/1955...	\$47 015 63
55 000 U.S. Treasury 3% Bonds @ 92 1/2, March and September 15th, due 1951/55.....	50 875 00
45 000 U.S. Treasury 3% Bonds @ 92 3/4, March and September 15th, due 1951/55.....	41 737 50
50 000 U.S. Treasury 3% Bonds @ 93 1/4, March and September 15th, due 1951/55.....	46 625 00
50 000 U.S. Treasury 3% Bonds @ 93, March and September 15th, due 1951/55.....	46 500 00
5 000 County of Champaign Tax warrants.....	5 000 00
Interest.....	1 212 64
	<u>\$238 965 77</u>

This concludes the sale of all securities turned over to the Board of Trustees by Mr. Capron, and the realizations have been credited to his account. There remains a balance in his account of \$92,592.92. This balance does not include any interest accrued on the Treasurer's account subsequent to December 31, 1931. The amount of such interest to April 19, the date on which the University's accounts were audited, on the basis of the arrangements between Mr. Capron and the Board, was \$2,362.99.

The Comptroller requests instructions as to whether Mr. Capron will be expected to pay interest on his balance continuously to the time the entire balance is accounted for.

This report was received for record.

#### NATIONAL RESEARCH COUNCIL GRANTS TO MEMBERS OF THE FACULTY

(20) A report that the National Research Council has made the following assignments of funds to members of the faculty for research work:

To Professor B. Smith Hopkins, of the Department of Chemistry, for technical assistance in connection with his investigations on the properties of the element Ilinium.....	\$ 750
To Professor V. E. Shelford, of the Department of Zoology, for field and laboratory expenses, in connection with his studies of the rodents of the Canadian tundra.....	350
To Professor William C. Rose, of the Department of Chemistry, for technical assistance, in connection with his continued investigations of the nutritive importance of the amino acids.....	1 000
To Mr. J. E. Kania, Department of Geology, for chemical and X-ray analyses, in connection with his study of the genesis of hydrothermal copper deposits of the pyritic type.....	200

This report was received for record.

#### REPORT OF GIFTS

(21) The following report of gifts received by the University since the last report: From the Detroit Illinae Club, \$25 as an addition to the student loan funds.

From Mr. C. B. Burdick of the Class of 1895, \$100 as a contribution to the fund for Anonymous Scholarships in Civil Engineering.

From the Jones & Laughlin Steel Corporation, structural steel valued at \$80 for use in the concrete arch investigations; from Fairbanks Morse and Company, \$80.60 and from the Neal Gravel Company of Mattoon, \$36 for use in this investigation.

From Mead Johnson and Company an additional \$1200 (supplementing a previous gift of \$500 reported to the Board on December 15, 1931 (Minutes, page 494), for research work on Metabolism.

This report was received for record.

**QUARTERLY AUDIT OF UNIVERSITY ACCOUNTS**

(22) A report from Arthur Young and Company, public accountants, on their audit of the accounts of the University for the quarter ended March 31, 1932.

April 29, 1932

*Board of Trustees, University of Illinois, Urbana, Illinois*

DEAR SIRS,

We have audited the books of the University of Illinois for the quarter ended March 31, 1932, and submit the following summary of the work done and the result of the audit:

The cash receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and the vouchers certified to the State Auditor for payment have been checked into the cash book and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. A number of pay roll vouchers of non-appointees has been checked against the original time reports on file in the respective departments. Salaries paid to appointees have been checked against the Secretary's letters of appointment. The footings of the cash book have been proved.

The cash balances at March 31, 1932, in the hands of the Ex-treasurer of the University, Hazen S. Capron, and of the University Treasurer, Frank M. Gordon, have been confirmed to us by the depositories, the First National Bank of Chicago and the Receiver of the First National Bank, Champaign, as follows:

Hazen S. Capron:

First National Bank, Champaign	
Balance as confirmed by Receiver.....	\$887 558 51
Deduct: Proceeds of sale of collateral securities, March 16, 1932.....	<u>386 726 55</u>
Balance as per Books.....	\$500 831 96
First National Bank of Chicago	
Balance as confirmed by the Bank.....	\$ 793 41
Deduct: Outstanding Warrants.....	<u>387 04</u>
Balance as per Books.....	<u>406 37</u>
	<u>\$501 238 33</u>

Frank M. Gordon:

First National Bank of Chicago	
Balance as confirmed by the Bank.....	\$571 427 68
Deduct: Outstanding Warrants.....	<u>423 686 16</u>
	\$147 741 52
Add: Deposits in transit, net.....	<u>2 966 11</u>
Balance as per Books.....	<u>150 707 63</u>
	<u>\$651 945 96</u>

Shown on books as follows:

General Funds Cash.....	\$511 461 04
Trust Funds Cash.....	<u>140 484 92</u>
	<u>\$651 945 96</u>

The First National Bank, Champaign, suspended payment at the close of January 16, 1932. The following University funds were then on deposit at this bank:

Hazen S. Capron, Treasurer.....	\$887 558 51
Business Office.....	14 545 01
Creamery.....	1 027 15
Stadium Fund.....	<u>243 65</u>
	<u>\$903 374 32</u>

At the same date, collateral securities amounting at par to \$810,800 had been deposited by the First National Bank, Champaign, subject to the joint control of the Treasurer and the Comptroller of the University. Of these securities, \$379,750 par

were sold by the University on March 16, 1932, the proceeds amounting to \$386,726.55 including interest and on April 13, 1932, \$176,050 par were sold, yielding \$169,273.27 including interest.

The account, Hazen S. Capron, Treasurer, at the First National Bank, Champaign, may be stated as follows as at April 19, 1932:

Balance, January 16, 1932.....	\$887 558 51
<i>Deduct:</i> Sale of Collateral, March 16, 1932.....	<u>386 726 55</u>
Balance, March 31, 1932.....	\$500 831 96
<i>Deduct:</i> Sale of Collateral, April 13, 1932.....	<u>169 273 27</u>
Balance, April 19, 1932.....	<u>\$331 558 69</u>

Against this balance the University held at April 19, 1932, collateral securities amounting, at par, to \$255,000 as follows:

United States Treasury, 3%, September 15, 1935.....	\$250 000 00
County of Champaign Tax Warrant, 5%, dated September 24, 1931.....	<u>5 000 00</u>
	<u>\$255 000 00</u>

Sale of these securities will reduce the Treasurer's account at First National Bank, Champaign, to approximately \$77,000.

The University is further protected as to the account of Hazen S. Capron, Treasurer, by a personal bond of Hazen S. Capron and co-sureties in the amount of \$1,000,000.

We have been informed that committees representing stockholders and depositors, respectively, of the First National Bank, Champaign, are working out a plan to reorganize the bank and that the plan has received the tentative approval of the Comptroller of the Currency. If the reorganization is effected, the loss to depositors may be expected to be considerably less than if the bank is permitted to go into liquidation.

Collateral securities deposited by the Treasurer's depository banks as at March 31, 1932, have been confirmed to us by the Custodian, the First Union Trust and Savings Bank, Chicago. Collateral securing the funds held for account of Hazen S. Capron, Treasurer, have been detailed above. These securities amounted to \$431,050 par at March 31, 1932. Collateral securing the funds held for account of Frank M. Gordon, Treasurer, has been deposited by the First National Bank of Chicago as follows:

United States of America, 3½%, June 15, 1949.....	\$500 000 00
United States 4th Liberty Loan, 4¼%, October 15, 1938.....	<u>200 000 00</u>
	<u>\$700 000 00</u>

The account of Treasurer Frank M. Gordon at March 31, 1932, as stated by the First National Bank of Chicago, shows a balance of \$571,427.68.

Investment securities as shown by the books at March 31, 1932, have been verified by actual inspection and/or confirmation from the depository.

Cash on hand was verified by actual count.

The income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the Registrar and of the various operating departments. No income has been realized from interest on the Treasurer's account at the First National Bank, Champaign, since December 31, 1931. This interest, calculated upon the same basis as heretofore, amounts to \$2,124.61 for the quarter ended March 31, 1932.

The accounts of the Chicago departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct. Appropriation accounts kept at the Chicago business office have been reconciled with corresponding control accounts kept at Urbana.

The records of the meetings of the Board of Trustees of January 13, 22, and 28, February 6 and 10, and March 8, 1932, have been examined and all actions affecting the finances of the University, in so far as they had been consummated at the time of our audit, have been checked into the books of account. The records of previous meetings have likewise been examined with respect to transactions consummated and recorded in the financial books during the quarter under audit.

The records of the purchasing division have been inspected and a number of the larger purchase orders issued have been compared with relative bids and quotations. Contracts and bids on file in the office of the Supervising Architect have been checked against reports made to the Board of Trustees as shown in the minutes of the meetings of the Board.

Subject to the above comments on the University's funds at the First National Bank, Champaign, we hereby certify that, so far as we have been able to ascertain by an extended detail examination,

All income which the University should have received during the quarter ended March 31, 1932, has been received and duly accounted for.

All disbursements have been made for University purposes and have been properly authorized and the expenditures have been correctly recorded in the books of account.

The cash and securities as shown by the books at March 31, 1932, are correct in amount and have been verified by actual inspection, count, or confirmation from the depository.

The report of the Comptroller to the Board of Trustees as at March 31, 1932, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The financial report of the Comptroller to the Governor of the State of Illinois for the period beginning July 1, 1931, and ending March 31, 1932, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & COMPANY

This report was received for record.

#### RESOLUTIONS CONCERNING EXPERIMENT FIELDS AT PALESTINE AND SPRING VALLEY

(23) The following resolutions authorizing the conveyance of the agricultural experiment fields at Palestine and Spring Valley in accordance with the action of the Board of Trustees at its meeting on April 20, 1932 (Minutes, page 570):

#### RESOLUTION

*WHEREAS*, The Trustees of Schools of Township numbered Seven, North Range numbered Eleven West of the Second Principal Meridian, of Crawford County did on the 13th day of March, A.D. 1919, by Warranty Deed, convey to the University of Illinois the described land, to wit: Beginning at a point Thirteen and one-half ( $13\frac{1}{2}$ ) rods North and Two hundred and eighty-seven and six-tenths (287.6) feet West of the South-east corner of the South-west quarter of section numbered Thirty-four (34) township numbered seven (7) north, range numbered eleven (11) west of the second principal meridian, running thence west Two hundred and twenty-nine and four-tenths (229.4) feet, thence north Three hundred and ninety-seven and one-fourth ( $397\frac{1}{4}$ ) feet, thence west Sixty-two and two-thirds ( $62\frac{2}{3}$ ) rods, thence south Six hundred and twenty (620) feet, thence east Seventy-six and fifty-seven hundredths (76.57) rods, thence north, Two hundred and twenty-two and three-fourths ( $222\frac{3}{4}$ ) feet to place of beginning, situated in Crawford County of the State of Illinois, which deed provided that when the grantee ceases to use the same for two years as an agricultural experiment station, then the ownership of said land shall revert to the grantors, which deed was accepted by the University of Illinois and recorded in the Recorder's office of Crawford County, Book 5, on page 137, and,

*WHEREAS*, the said University has discontinued the use of the said land for agricultural experiments, therefore, the said land ceases to be useful to the said University,

*THEREFORE, BE IT RESOLVED* that the Board of Trustees of the University of Illinois, in a meeting regularly assembled, renounce all title and rights derived through and under said deed and direct the President and the Secretary of this Board of Trustees to execute and deliver to the Trustees of Schools of Township numbered Seven, North Range numbered Eleven West of the Second Principal Meridian, of Crawford County, a Quit Claim Deed reconveying to them all rights in the said land, affixing the seal of the said University to the said deed and the officers and agents of the said University of Illinois are hereby directed to surrender up the possession of said land and forever abandon the same.

On motion of Mr. Barr, the above resolution was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### RESOLUTION

*WHEREAS*, I. J. Jagodzinski did on the 7th day of February, A.D. 1914, by Warranty Deed, convey to the University of Illinois the described land, to wit: A part of the West Half of the Southwest Quarter of Section Thirty-four (34) in Township Sixteen (16) North, Range Eleven (11) East of the Fourth Principal Meridian, described as follows, to wit: Commencing at a point on the East line of the West Half of the Southwest Quarter of said Section Thirty-four (34) one hundred fifty (150) feet South of the Northeast corner of the said West Half of said Southwest Quarter Section, and running thence West four hundred thirty-five and  $\frac{92}{100}$  (435.92) feet, thence South one hundred seventy-seven and  $\frac{52}{100}$  (177.52) feet, thence West one hundred thirty-three (133) feet to a point which is three hundred twenty-seven and  $\frac{52}{100}$  (327.52) feet South of the Northwest corner of Lot No. Two (2) in the Southwest Quarter of said Section Thirty-four (34), and thence South eleven hundred eighty and  $\frac{61}{100}$  (1180.61) feet, thence East five hundred sixty-two and  $\frac{92}{100}$  (562.92) feet, and thence North to the point of beginning, containing seventeen and  $\frac{93}{1000}$  (17.093) acres, more or less; excepting and reserving however all of the underlying coal and fireclay, together with the right to dig, mine and remove the same, without entering upon or occupying any part of the surface of said premises; situated in the County of Bureau and State of Illinois, which deed provided that when the grantee ceases to use the same for two years as an agriculture experiment station, then the ownership of said land shall revert to the Trustees of Schools of Township Sixteen (16) North, Range Eleven (11) East of the Fourth Principal Meridian, and also of Fractional Township Fifteen (15) North, Range Eleven (11) East of the Fourth Principal Meridian, a body politic and corporate of the County of Bureau and State of Illinois, and to their successors in office as said Trustees, which deed was accepted by the University of Illinois and recorded in the Recorder's office of Bureau County, Book 168, page 256, and,

*WHEREAS*, the said University has discontinued the use of the said land for agricultural experiments, therefore, the said land ceases to be useful to the said University,

*THEREFORE, BE IT RESOLVED* that the Board of Trustees of the University of Illinois, in a meeting regularly assembled, renounce all title and rights derived through and under said deed and direct the President and the Secretary of this Board of Trustees to execute and deliver to The Trustees of Schools of Township Sixteen (16) North, Range Eleven (11) East of the Fourth Principal Meridian, and also of Fractional Township Fifteen (15) North, Range Eleven (11) East of the Fourth Principal Meridian, a Quit Claim Deed reconveying to them all rights in the said land, affixing the seal of the said University to the said deed and the officers and agents of the said University of Illinois are hereby directed to surrender up the possession of said land and forever abandon the same.

On motion of Mr. Barr, the above resolution was adopted by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins.

#### REQUEST FROM GOODWILL INDUSTRIES FOR USE OF OLD MEDICAL BUILDING

(24) A request from the Goodwill Industries of Chicago for permission to use the old Medical Building as quarters and administrative offices for its various activities in furnishing employment and occupational therapy treatment to physically handicapped persons.

On motion of Mr. Barr, the question of the use of the old Medical Building was referred to the Committee on Buildings and Grounds and Dr. Noble for consideration and report.

**FINANCIAL SITUATION**

(25) A report on the financial situation.

This report was received for record.

**SAFETY OF SECURITIES**

Mr. Trees, for the Finance Committee, presented the following letter from the First Union Trust and Savings Bank.

Trust Number 16542

*Board of Trustees, University of Illinois, Urbana, Illinois*

GENTLEMEN:

As requested we submit herewith a definition of the Bank's responsibility applicable to securities and cash entrusted to it under an agency agreement comparable to that between the Board of Trustees of the University of Illinois and First Union Trust and Savings Bank dated February 19, 1932.

In the collection of principal and income the Bank uses reasonable diligence but can not be held liable for failure to collect same; neither is it responsible for any loss occasioned by the depreciation in the value of the securities, nor for any defects, irregularities, or want of validity of the same. The Bank does assume all other liability for loss, except that occasioned by the act of God or of the public enemy; the lawful act of any legislative or judicial body or public officer; loss occurring while the securities are out of its possession and in the hands of an agent for the purpose of collection, provided reasonable diligence has been exercised in the selection of such agent.

Yours very truly,  
O. A. BESTEL  
*Vice President*

**PETTY CASH FUND AT URBANA**

Mr. Trees, for the Finance Committee, presented a recommendation of the Comptroller that the Bursar's petty cash fund be reduced to \$10,000.

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

**LOCAL DEPOSITORY**

Mr. Trees, for the Finance Committee, presented a recommendation of the Comptroller that the Trevett-Mattis Banking Company of Champaign be designated as the depository for the Bursar's petty cash fund.

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

**DATE OF JUNE MEETING**

On motion of Mr. Barr, it was voted to hold the June meeting at the University, in Urbana, at 9 o'clock a.m. on Saturday, June 11, 1932.

**APPOINTMENTS MADE BY THE PRESIDENT**

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

Boikan, William, Instructor in Internal Medicine, in the College of Medicine, for four months beginning May 1, 1932, without salary (this is in addition to his appointment as Instructor in Pathology and Bacteriology). (May 3, 1932)<sup>1</sup>

Doty, J. R., Special Research Assistant in Chemistry, on one-half time, for twelve months beginning June 15, 1932, at a cash compensation of one thousand dollars (\$1,000). (May 3, 1932)

McGreevy, Carrie, Stenographer in the Registrar's Office, beginning June 6, 1932, and continuing until September 1, 1932, subject to the rules of the Civil Service

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

Commission, at a cash compensation at the rate of one hundred sixteen dollars sixty-six cents (\$116.66) a month (this supersedes her previous appointment). (May 4, 1932)

Moorman, Mrs. Josephine N., Stenographer in the Registrar's Office, beginning June 6, 1932, and continuing until September 1, 1932, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (May 4, 1932)

Sanford, C. W., Principal of the University High School, and Instructor in Education, beginning July 1, 1932, and continuing until June 30, 1933, at a cash compensation of two thousand six hundred dollars (\$2,600). (May 3, 1932)

Williams, Lewis W., Secretary of the Appointments Committee, and Instructor in Education, beginning July 1, 1932, and continuing until August 31, 1932, at a cash compensation of three thousand two hundred dollars (\$3,200) a year (this supersedes his previous appointment). (May 3, 1932)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

EDWARD E. BARRETT  
*President*

**MEETING OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

---

**June 11, 1932**



The June meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9 o'clock a.m. on Saturday, June 11, 1932.

The following members were present: President Barrett, Mr. Armstrong, Mr. Barr, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Williams. President Chase was present.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of May 11, 1932.

On motion of Dr. Noble, the minutes were approved as printed on pages 589 to 602 above.

**USE OF OLD MEDICAL BUILDING BY GOODWILL INDUSTRIES**

Mr. Armstrong reported, for the Committee on Buildings and Grounds and Dr. Noble, a recommendation that permission be granted to the Goodwill Industries to use the old medical building, without expense to the University, and that the proper officers be authorized to execute a suitable lease, providing that the University shall be able to regain possession of the property at any time after the expiration of two years, on giving due notice; and that any changes in the building must be approved in advance.

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

**MATTERS PRESENTED BY PRESIDENT CHASE**

The Board considered the following matters presented by President Chase.

**PAYMENT TO ARTHUR HALL FOR LEGAL SERVICES**

(1) A letter from the University Counsel concerning the payment to Mr. Arthur Hall, attorney, for his services in connection with the administration of the Carter-Pennell Trust.

May 18, 1932

*President H. W. Chase, 355 Administration*

MY DEAR PRESIDENT CHASE:

I have read the copy of your letter of May 16 to Mr. Morey which you sent to my office. I have also examined the action of the Board on page 571 of its Minutes under date of April 20, 1932. I note that the Board ordered the Hall attorney fees to be paid out of the Reserve and Contingent Fund.

I wonder if I may call your attention to something in this connection, although you do not ask for any suggestions from me on it? I am volunteering these suggestions because it occurs to me that conceivably the matter may some time take on an importance not at this moment obvious.

In the first place, the only reason for employing Mr. Hall was and is that the Carter trust deed specified that Mr. Hall should be retained in connection with the administration of the trust. Nothing has come up in connection with the trust estate which the Legal Counsel for the University could not and should not have handled alone and unaided. It would seem, therefore, from that standpoint alone that his professional fees should be a charge upon this estate or trust and not upon the general or any special funds belonging to the University.

I raise another point which is perhaps more important. The Board of Trustees in administering these various trust funds is really acting in the capacity of a conventional trustee of an ordinary conventional trust. That is to say, it is acting in the capacity of an ordinary natural or corporate person that undertakes to serve as a trustee under a trust deed. In my judgment, therefore, any expenses incurred by the trustee in the performance of its duties are a lawful charge against the trust estate and not against anybody else or any other fund. I therefore suggest that as a matter of law it is exceedingly questionable whether the Board has the right to pay out of its general funds attorney fees in connection with the administration of a trust estate, and this more particularly when the trust deed specifies what counsel shall be employed.

The point I am endeavoring to make is that these various trust estates which the Board undertakes to administer should be self-sustaining, and I do not believe that the Board should draw upon public funds in its custody for the purpose of meeting disbursements properly chargeable against a trust estate or trust fund.

Cordially yours,

SVENBJORN JOHNSON  
*Counsel*

On motion of Mr. Trees, the action of April 20, 1932 (Minutes, page 571), on this matter was reconsidered.

On motion of Mr. Trees, the original recommendation of President Chase, that the payment for the services be charged one-half to the Carter-Pennell fund and one-half to the other trust funds of the University, was approved, on the ground that all trust funds of the University were benefited by the results of Mr. Hall's work. This action was taken by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins, Mr. Williams.

#### RELEASE OF AGRICULTURAL EXPERIMENT FIELDS

(2) A report that the agricultural experiment fields at Spring Valley, LaMoille, and Palestine have been released and the deeds conveying these properties back to the donors recorded; and that the cancelation of the lease held by the University on the experimental field at Odin has been accepted by the owner.

This report was received for record.

#### APPOINTMENT TO PLYM SCHOLARSHIP

(3) A recommendation from the Plym Committee that Mr. James E. Branch, instructor in the Department of Architecture, and a graduate student in the University, be appointed to the Ninth Plym Foreign Scholarship in Architectural Engineering and Mr. A. O. Myers, a graduate of the Class of 1930, as alternate in case Mr. Branch is unable to accept.

This recommendation was adopted.

#### APPOINTMENTS TO ALLERTON TRAVELING SCHOLARSHIPS

(4) A report that Messrs. Thaddeus Glaza and Henry P. Tideman have been appointed to the two Allerton American Traveling Scholarships for the summer of 1932.

This report was received for record.

#### APPOINTMENT OF EDWARD B. MCGUINN TO BOARD OF EXAMINERS IN ACCOUNTANCY

(5) A recommendation from the Committee on Accountancy that Mr. Edward B. McGuinn, resident partner of Haskins and Sells of Chicago, be appointed a member of the Board of Examiners in Accountancy for three years beginning July 1, 1932.

On motion of Dr. Noble, this appointment was made.

#### ADMISSION OF HIGH-SCHOOL GRADUATES WITH SUPERIOR SCHOLARSHIP RECORDS

(6) The University Senate recommends the adoption of the following special provision for the admission to the University of high-school graduates with superior scholarship records:

The Registrar is authorized to admit, without adhering to the usual subject requirements, graduates of accredited secondary schools whose general scholarship rank is in the upper ten per cent of their graduating class. Such graduates need present only such specific high-school courses as are prerequisite to University courses in the curriculum they desire to enter.

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

#### APPROPRIATION FOR DENTAL BUILDING BONDS

(7) A report from the Comptroller that an appropriation of \$48,400 should be made from the Reserve and Contingent Fund to retire the bonds outstanding against the College of Dentistry building in Chicago which mature on July 1, 1932. There is no State appropriation against which this item can be charged.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins, Mr. Williams.

**APPROPRIATION FOR LEGAL SERVICES IN CONNECTION  
WITH ISSUE OF TAX WARRANTS**

(8) A report from the Comptroller that the purchase by the First National Bank of Chicago of \$600,000 of tax anticipation warrants issued by the State of Illinois against the University of Illinois Fund required the approval of the securities by Chapman and Cutler, attorneys. Payment for these services must be made by the State or the University. Inasmuch as the State officers who authorize the issue of warrants cannot legally pay for such services out of State funds, it will be necessary for the University to meet the expense. The amount involved is \$400.

I recommend that an appropriation of \$400 be made from the Reserve and Contingent Fund to meet this expense and that the Comptroller be authorized to make this payment to Chapman and Cutler.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mrs. Hopkins, Mr. Williams.

**PROPOSAL CONCERNING THE BOND OF H. S. CAPRON,  
FORMER TREASURER**

(9) A proposal from the Principal and Sureties on the bond of Hazen S. Capron, former Treasurer of the Board of Trustees.

Judge Johnson made a statement concerning this matter.

Mr. Trees offered the following resolution and moved its adoption:

*WHEREAS*, the following, being the Principal and the Sureties on the bond of Hazen S. Capron as Treasurer of the Board of Trustees of the University of Illinois, which bond was delivered to the Board of Trustees and approved by it on April 8, 1931, namely, Hazen S. Capron, Principal, and N. M. Harris, B. B. Harris, Julia Harris Dodds, and Barbara H. Dobbins, Sureties, have made the following proposal to-wit:

"To the Board of Trustees of the University of Illinois:

"We are very much interested in the movement, which already has made substantial progress, to re-open the First National Bank. As is well known, the bank cannot re-open without the co-operation of its depositors. An audit of the Treasurer's account carried for the University of Illinois in the First National Bank of Champaign shows a balance due on said account of \$92,571.18, after crediting thereon the amount reported as the proceeds of the sale of the collateral securities which were furnished by the bank for the purpose of securing this account. We, the undersigned, being the principal and sureties on the bond of the Treasurer of the University, executed by us on February 28, 1931, and approved by you on April 8, 1931, propose the following:

"That you defer action to recover on the aforementioned bond the amount due thereunder until such time, not to exceed three years from date, as a fair opportunity shall have been had to realize the maximum reasonably possible on the balance of the assets of the First National Bank which, under the plan of reorganization, will be held in trust and will, after the loan to the Reconstruction Finance Corporation has been paid, be available to pay a dividend on 40% of the deposits of the general depositors, including that of Hazen S. Capron as your Treasurer, as outlined in the attached Creditors' Agreement. All depositors are being requested to sign this Creditors' Agreement and hundreds have already done so.

"It is understood and agreed by us that if you assent to this proposal, and authorize the signing of the Creditors' Agreement aforesaid, the Treasurer's bond, and our liability thereunder, will continue in full force and effect, and that our obligations thereunder will remain in full force wholly unaffected by this grant of extension of time to your Treasurer and to us to account fully for all moneys received by him as such official; it being understood that any dividends received by you from the assets of the First National Bank of Champaign, held in trust pursuant to the Creditors' Agreement aforesaid, shall be applied in reduction of our liability on said bond."

*AND WHEREAS*, the foregoing proposal was delivered to the Board of Trustees on June 9, 1932:

*NOW, THEREFORE, BE IT RESOLVED* by the Board of Trustees of the University of Illinois that the Board will interpose no objection to the execution of the Creditors' Agreement, referred to in the foregoing proposal, by Hazen S. Capron, and/or such person or persons as may be required, and the Board, without prejudice to its legal rights as against any and all persons under the Treasurer's bond, except as herein expressly waived, agrees that Hazen S. Capron, and/or the President and Secretary of the Board of Trustees of the University of Illinois, if the signature of the latter be required in order to expedite the reorganization, be, and they are hereby, authorized to execute the Creditors' Agreement, but only and solely in order that it be possible to proceed with the plan for the reorganization of the First National Bank and the re-opening of the same.

*BE IT FURTHER RESOLVED* that this assent and authorization are made upon the further condition and with the further understanding that the action of the Board in assenting to this proposal and in authorizing the signing of the Creditors' Agreement aforesaid, does not in any manner affect the rights of the Board to proceed against the Principal and the Sureties on the Treasurer's bond and to enforce any and all its rights on account of any failure on the Treasurer's part in the performance of his duties and until he has fully accounted as such Treasurer, otherwise than to postpone proceedings under said bond in order to enable the receiver in charge of the First National Bank of Champaign, or any and all persons duly authorized thereto, to realize as much as possible on the assets trustee in accordance with the plan of reorganization, and to apply the amount so realized in reduction of the amount due from said First National Bank to Hazen S. Capron as Treasurer of the Board of Trustees of the University of Illinois; and it is further understood that the obligation of the Sureties and of the Principal to pay whatever balance remains unpaid after the proceeds, if any, of the assets of the suspended Bank, received by the receiver or the private trustees for this purpose, pursuant to the Creditors' Agreement and the plan of reorganization, have been received by the Board of Trustees of the University of Illinois and applied in reduction of the amount found to be due from Hazen S. Capron as Treasurer of the Board of Trustees of the University of Illinois, will continue in full force against the Principal and his Sureties aforesaid.

*BE IT FURTHER RESOLVED* that this assent and authorization shall not become effective until the Principal and the Sureties above named have, in writing, indicated their agreement with and concurrence in the stipulations and conditions of this resolution, and filed the same with the Secretary of the Board.

The resolution given above was adopted by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins, Mr. Williams.

#### REPORT ON STATUS OF PETTY CASH FUNDS IN FIRST NATIONAL BANK OF CHAMPAIGN

(10) When the First National Bank of Champaign closed on January 16, 1932, there was a balance in the Bursar's and others' petty cash fund, carried on the books of the bank as "The Business Office, University of Illinois Petty Cash Fund," of \$14,545.01; and in the petty cash fund of the Dairy Department for use in the operation of the Creamery, carried on the books of the bank as "The University of Illinois Creamery Fund," a balance of \$1,027.15. These moneys were on deposit under the rules of the Board authorizing the Treasurer and the Comptroller to select depositories for petty cash funds. The selection of this bank was made by Mr. Hazen S. Capron, former Treasurer, and Mr. Lloyd Morey, Comptroller, in accordance with that rule. These deposits are not a part of the general funds of the University for which Mr. Capron as Treasurer was responsible.

If the bank is not reorganized the University will be obliged to wait for dividends on these deposits at such times and to such extent as such dividends are possible out of the liquidation of the assets of the bank. It is proposed to reorganize the bank whereby sixty per cent of all deposits will become available at once and the remaining forty per cent will be paid from time to time as additional assets of the bank are converted into cash. The Comptroller and University Counsel believe that nothing will be lost to the University and considerable will be gained if the bank is reorganized. This can be accomplished only by the cooperation of depositors, particularly those having large balances, and they recommend that the Board of Trustees consent to and authorize its officers to execute a creditors' agreement with the First National Bank of Champaign under the provisions of which forty per cent of the University of Illinois petty cash funds will be allowed to remain in trust to be paid out from time to time as certain assets of that bank are realized upon under its proposed reorganization.

Mr. Barr offered the following resolution and moved its adoption:

*WHEREAS*, a plan has been formulated for the re-opening and reorganization of the First National Bank of Champaign, which suspended banking operations on January 16, 1932, which plan contemplates that depositors shall receive for immediate use 60% of their deposits and that 40% thereof shall be evidenced by participation certificates, to be issued by the liquidating trustees named in the Creditors' Agreement, such certificates to be retired in whole or in part, out of the proceeds of certain assets of the suspended bank which are to be held and liquidated by the trustees for the benefit of all depositors; and

*WHEREAS*, the University of Illinois had on deposit in said Bank, exclusive of the amount deposited therein in the account of the Treasurer of the University of Illinois, the sum of \$14,545.01 and carried on the books of the Bank in the name of "Business Office, U. of I. Petty Cash," and \$1,027.15, carried on the books of the Bank in the name of "U. of I. Creamery;" and

*WHEREAS*, it is the desire of the Board of Trustees of the University of Illinois, in common with other depositors, to cooperate in the effort to re-open the Bank; and

*WHEREAS*, it appears probable that fully as much will be realized on the claim of the University of Illinois as a general depositor in said Bank, if the plan of reorganization succeeds, as would be the case in the course of ordinary liquidation;

*NOW, THEREFORE, BE IT RESOLVED* that Edward E. Barrett, President, and Harrison E. Cunningham, Secretary, in the name and in behalf of the Board of Trustees of the University of Illinois, be, and they are hereby, authorized to execute the Creditors' Agreement which all depositors are asked to execute in consummation of the plan of reorganization, and to do whatever may be needful to protect the rights and interests of the Board of Trustees of the University of Illinois as a depositor, in the suspended Bank, and to cooperate, consistently with such protection, with those who are endeavoring to re-open or reorganize the Bank.

The resolution given above was adopted by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Hopkins, Mr. Williams.

#### REQUIREMENTS FOR GRADUATION IN COLLEGE OF ENGINEERING AND SCHOOL OF JOURNALISM

(11) The University Senate recommends that, effective September 1, 1932, the total number of semester hours required for graduation in Engineering and Journalism be as follows:

College of Engineering, 136 semester hours and the prescribed courses in Military and Physical Education.

School of Journalism, 120 semester hours and the prescribed courses in Military and Physical Education.

On motion of Mr. Armstrong, these requirements were adopted.

**CHANGE IN CURRICULUM OF COLLEGE OF DENTISTRY**

(12) A recommendation from the University Senate that the course in Technical Drawing (80 clock hours) in the curriculum in Dentistry be discontinued.

On motion of Dr. Noble, this recommendation was adopted.

**REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF DENTISTRY**

(13) A report that the College of Dentistry has been authorized to defer until October, 1933, the new requirements for admission to that division which were to go into effect in October, 1932.

On motion of Mrs. Grigsby, this report was received for record.

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

**INSTRUCTION IN HYGIENE**

(14) The University Senate recommends:

1. That there be offered a general two-hour one-semester course in hygiene and that it be given in each semester.

2. That this proposed two-hour course in hygiene for one semester be required of all freshman students except those who are able to pass a proficiency examination.

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

**SCHOOL OF PHYSICAL EDUCATION**

(15) The University Senate recommends the establishment of a School of Physical Education with the following departments (with heads or chairmen) and functions:

1. Department of Physical Education for Men
  - Professional Curriculum in Physical Education
  - Required Physical Education
  - Faculty Recreation
  - Intramural Athletics
  - Intercollegiate Athletics
2. Department of Physical Education for Women
  - Professional Curriculum in Physical Education
  - Required Physical Education
  - Faculty Recreation
  - Intramural Sports
3. Department of Health Service
  - Health Education
  - Health Examination and Advice
  - Campus Sanitation

Requirements for admission and graduation:

1. The requirements for admission to the School of Physical Education shall be the same as the general requirements for admission to the University.
2. A total of 126 semester hours and the prescribed courses in Military shall be required for graduation.
3. The degree of Bachelor of Science in Physical Education shall be awarded students who successfully complete the curricula of the School.

On motion of Dr. Noble, these recommendations were adopted.

**FEES TO BE CHARGED MEMBERS OF THE UNIVERSITY STAFF AND THE STAFFS OF ALLIED SURVEYS, LABORATORIES, AND HOSPITALS**

(16) A recommendation that the following regulations governing the payment of fees for undergraduate, professional, and graduate work by members of the University staff and of the staffs of allied surveys, laboratories, and hospitals be adopted:

All persons on University appointment or on appointment in allied surveys and laboratories in Urbana and the research and educational hospitals in Chicago eligible for admission to University work, may be permitted to attend University classes for credit, on condition that they register and pay either the

regular incidental fees in the college in which they are registered, or, at their election, fees assessed as follows:

(a) For undergraduate and professional work in the colleges and schools at Urbana, \$2.50 a credit hour;

(b) For undergraduate work in the Colleges of Medicine, Dentistry, and Pharmacy, such a proportion of the regular tuition fees as the work taken in any year of the curriculum bears to the total clock hours required for that year;

(c) For graduate work at Urbana or Chicago at the rate of \$10 a unit. Provided, however, that persons on scholarship or fellowship appointment in the Graduate School shall be exempted from the payment of such fees.

All persons shall pay the matriculation fee and the usual laboratory fees in courses in which there are such fees.

The operation of the foregoing rules shall become effective for all persons who fall within their scope in September, 1932, with the exception that for the persons falling within the classification which is now exempt from the payment of fees in the Graduate School (other than persons on scholarship or fellowship appointment) they shall become effective in September, 1933.

The committee recommends further that the foregoing statements shall supersede all previous rules on this subject and particularly the following:

"Any person in the regular employ of the University who is able to meet the entrance requirements or is old enough to register as an unclassified student, may be permitted to attend University classes for credit, provided he registers and pays a fee of \$7.50 for each study each semester."

"No tuition or incidental fee is charged for graduate courses to scholars, fellows, or members of the corps of instruction or the staffs of the University libraries or of the scientific bureaus or experiment stations, who are appointed by the Board of Trustees, nor for undergraduate courses on their study-lists if approved by the heads of the departments and by the Dean of the School as necessary or desirable for the proper completion of the work for the degree. Otherwise graduate students who take undergraduate courses must pay the proper undergraduate fee."

On motion of Mr. Williams, these regulations were adopted.

#### **FEES TO BE CHARGED TEACHERS OF THE PUBLIC SCHOOLS SYSTEMS THAT RENDER SERVICE TO THE COLLEGE OF EDUCATION**

(17) A recommendation that the following provision governing fees for University work to be charged teachers in public schools systems of the State which render service to the College of Education be adopted:

Superintendents, principals, and teachers, employed in public school systems of this State which have entered into agreements with the University to render special services to the College of Education, when admitted to instruction in the University during the terms of such agreements, shall pay fees computed on the basis established for persons on University appointment.

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

#### **ASSIGNMENT OF PATENT COVERING IMPROVEMENTS IN INSECTICIDES AND FUNGICIDES**

(18) A report of the assignment of patent covering certain improvements in insecticides and fungicides by Mr. Wesley P. Flint to the Board of Trustees of the University. (This assignment is registered in the United States Patent Office, Liber R 152, page 612. The serial number of application is 527,357.)

This report was received for record.

#### **APPROVAL OF VARIOUS PURCHASES**

(19) A report of the approval of the following purchases, amounting to \$1,000 or over, since the last report was made to the Board:

1. Uniforms for advanced R.O.T.C. students for the academic year 1932-33 from DeMoulin Bros. and Company, Greenville.
2. Laboratory glassware, burners, and similar equipment for use during the year 1932-33 from the following firms:

E. H. Sargent and Company.....	\$1 503 37
Central Scientific Company.....	134 02
Chicago Apparatus Company.....	78 10
Owens Illinois Glass Company.....	46 10
W. M. Welch Scientific Company.....	132 80
Rascher and Betzold.....	617 80
A. Daigger and Company.....	217 80
Anaconda Wire Company.....	14 75
Wilkins Anderson Company.....	163 97
Schaar and Company.....	I 542 83
Goodrich Rubber Company.....	110 22

on the basis of quotations secured from all concerns interested in supplying such equipment. The orders were placed on the basis of the lowest price in each case, quality and suitability of material considered.

3. Test rails for the Department of Theoretical and Applied Mechanics from the Colorado Fuel and Iron Company and the Inland Steel Company in accordance with the plan for the cooperative investigation of test rails. The cost will be charged to the special fund for this investigation.

This report was received for record.

#### CLASS OF 1907 LOAN FUND

(20) On December 15, 1931 (Minutes, page 494), the Board authorized the Comptroller to accept subscriptions to a student loan fund which the Class of 1907 planned to present for presentation to the University at its twenty-fifth reunion in June, 1932, and to hold such funds subject to further action by this class. The formal offer of this fund will be made by the class today, and I recommend its acceptance. Subscriptions to the fund total about \$4,500, of which slightly over \$3,000 in cash has been received.

One of the contributions to this fund is a hundred dollar five per cent debenture bond of the Associated Gas and Electric Company, due October 1, 1968, received from Mr. R. L. Baker with the suggestion that it be held until it may be sold at an advantageous price. The bond is registered and has been transferred to the Comptroller who requests authority to accept it for the purpose indicated and to have it transferred to the Board of Trustees.

This fund was accepted and the Comptroller was given authority as requested.

#### PORTRAIT OF DEAN EMERITUS EUGENE DAVENPORT

(21) A recommendation that a portrait of Dean Emeritus Eugene Davenport which will be formally presented to the University at its unveiling this afternoon be accepted. This portrait is by Mr. Sidney E. Dickinson, N.A., of New York, and has been made possible by subscriptions of alumni, present and former members of the College of Agriculture, colleagues in other institutions, personal friends and associates, and various citizens of Illinois.

This portrait was accepted as recommended.

#### GIFTS TO THE UNIVERSITY

(22) The following report of gifts received by the University since the last report:

From Dr. Fred C. Zapffe, of Chicago, a gift of 171 volumes of medical books and a collection of surgical instruments to the College of Medicine.

From the Pan-American Union in Washington a collection of 62 volumes, 382 unbound volumes, and 384 pamphlets in the general field of Latin American literature, history, and affairs.

From Eli Lilly and Company the sum of \$1,000 for research work in physiological chemistry at the College of Medicine.

From the American Bridge Company, \$204, and the Universal Atlas Cement Company, \$238.48, for the cooperative investigation of reinforced concrete arches.

From Mrs. Pearl Silberman, of 6940 Crandon Avenue, Chicago, a large piece of Dresden china for the Museum of European Culture, in memory of her

daughter Cyrille Silberman, of the Class of 1931, who died on September 15, 1931.

From the Electrical Engineering Show of 1932 an addition of \$600 to the Electrical Engineering Loan Fund.

From the graduating class of 1932 in the School of Pharmacy \$53.85 as a contribution to the Ebert Loan Fund.

This report was received for record.

#### LEAVE OF ABSENCE FOR DR. JAMES R. BLAYNEY

(23) A report that Dr. James R. Blayney, Professor of Pathology and Therapeutics in the College of Dentistry, has been given leave of absence on account of his health from June 15 to September 15 with pay.

On motion of Dr. Noble, this action was approved.

#### LEAVE OF ABSENCE FOR PROFESSOR A. S. COLBY

(24) A request from Dr. A. S. Colby, Professor of Pomology in the College of Agriculture, that he be given a leave of absence on half pay from September 1, 1932, to February 1, 1933. This request is endorsed by the Head of the Department and the Dean of the College and will involve no additional expense to the University. I recommend approval.

On motion of Mr. Armstrong, this leave was granted.

#### DATE OF JULY MEETING

On motion of Mr. Barr, it was voted to hold the July meeting at 10 o'clock a.m. on Wednesday, July 13, 1932, at the Blackstone Hotel, in Chicago.

#### DEGREES CONFERRED IN JUNE

The Secretary presented for record the following list of degrees conferred at the Commencement exercises in June, 1932.

#### SUMMARY OF DEGREES, JUNE, 1932

Degrees in the Graduate School (excluding those conferred at Chicago)	
A.M.....	84
M.S.....	127
M.Arch.....	1
C.E.....	4
E.E.....	2
M.E.....	4
Ph.D.....	59
<i>Total</i> .....	<u>281</u>
Baccalaureate Degrees	
A.B. in Liberal Arts and Sciences.....	390
B.S. in Liberal Arts and Sciences.....	62
B.S. in Commerce.....	261
B.S. in Engineering.....	186
B.S. in Agriculture.....	87
B.S. in Library Science.....	100
B.S. in Education.....	314
B.S. in Journalism.....	43
B.S. in Fine and Applied Arts.....	77
B.Mus.....	8
<i>Total</i> .....	<u>1528</u>
Degrees in Law	
LL.B.....	21
J.D.....	3
<i>Total</i> .....	<u>24</u>
<i>Total, Colleges and Schools at Urbana</i> .....	1833

Degrees in Medicine	
B.S.....	72
Certificates in Medicine.....	(116) <sup>1</sup>
<i>Total</i> .....	72
Degrees in Dentistry	
B.S.....	13
D.D.S.....	33
<i>Total</i> .....	46
Degrees in Pharmacy	
Ph.C.....	114
Certificates in Pharmacy.....	(13) <sup>2</sup>
<i>Total</i> .....	114
Degrees in the Graduate School (Conferred at Chicago)	
M.S.....	18
<i>Total, Departments in Chicago</i> .....	250
<i>Total, All Departments, June</i> .....	2083
<i>Total in January and February (see Minutes, pages 498 and 526)</i> .....	303
<i>Total, All Departments, 1932, to date</i> .....	2386

*Degrees Conferred June 13, 1932, at Urbana*  
COLLEGE OF LIBERAL ARTS AND SCIENCES

**Degree of Bachelor of Arts**

IN LIBERAL ARTS AND SCIENCES

JAMES EDWIN AITKEN	LOIS JANETTE BLAKE
MARIAN ALDRICH	REXFORD SYDNEY BLAZER
LEAVITT ORAN ALLEN, with Honors in History	KATHRYN MARY BOEKENHOFF, with Honors in French
PAULINE CURTIS ALLEN	ELOISE CRUMBAUGH BONNETT
JOHN FREDERICK ALSTERLUND, with Honors in Entomology	ALFRED WILLIAM BORG, JR.
BERTHE ELIZABETH ARMSTRONG, with Honors in French	MARY ELIZABETH BOWERS
JEANETTE MARGARET ARMSTRONG	WINIFRED WILMA BOYD
LELAND MELVIN BAIRD	MARIAN LUCILE BRAITHWAITE
MELVIN CHARLES BAKER	LEONA LOUISE BRANDT
RAY WINTHROP BALL	NORMA CHARLOTTE BRAUER
CLIFFORD CHARLES BARRETT	HENRY HANNA BRIGHAM, JR.
VIRGINIA GEORGIANNA BARRETT	FRANK NICHOLAS BROCKMEIER
ROBERT YALE BARTHOLOMEW	LUCILE BROSE
PAUL ROBERTSON BASFORD	JUDD SNELL BROWN
ARTHUR CHARLES BASS	CHARLES HEATH BUMSTEAD, with Honors in Psychology
ANNA KATHELEEN BAUER	HELENA DEKALB BUNDY
FRANCES ISABEL BEALS	MARY WINIFRED BURNS
THOMAS DOUGLAS BEATTY	JAMES WILLIAM BUTCHER, JR.
MILDRED GRACE BECKER	MARTHA MARY CAREY
HARRY CLINTON BELL	BERNADETTE ELIZABETH CARON
FRANCIS ARMINIUS BENNETT	JOHN RICHARD CARPENTER, with Honors in Zoology
WILLIAM GANSEL BENNETT	CLYDE FREDERIC CARROLL
HARRY UPTON BERNSTEIN	KATHRYN MARIE CARROLL
FRANCES MARY BIRKETT	MARJORIE THELMA CARSON
ERMA ALVIRA BISSELL	AUDREY LUCILLE CASTLE
BEATRICE ELIZABETH BITTORF	AURA FRANCES CLARK

<sup>1</sup>Showing the completion of four years' work—not counted as degrees.

<sup>2</sup>Showing the completion of three years' work—not counted as degrees.

- HELEN ELIZABETH CLAYTON, with  
Honors in Spanish  
MARGARET ELLEN CLEM  
RUBIN GOODMAN COHN  
MARY LOUISE CONDIT  
KATHRYN JACY CONNOR  
JULIET MARY CONNORS  
ETHEL FERN COSEY  
MILDRED LORRAINE COX  
ARTHUR ROBERT CRATHORNE, JR.  
HALBERT OTIS CREWS, JR.  
WILLIAM PORTERFIELD CUTHBERTSON  
JOSE OLARTE DACANAY  
AUGUSTINE D'ANZA  
JESSADIE MURRELL DARDEN  
MAXINE DARNELL  
ALMANZA SCOTT DAVIS  
MARJORIE BEATRICE DAY  
SAMUEL PAUL DAYKIN,<sup>1</sup> with High  
Honors in Sociology  
HARRIETT ALVENA DEERE  
ALBERT LOUIS DEMOREST  
ISABELLA ELIZABETH DEWEY  
GLADYS LOUISE DOHME  
ALICE LEE DOUGLASS, with Honors  
in English  
WILLIAM McCULLOCH DRUMMOND  
MAXINE LEILA DRY  
GEORGE THOMAS DURAM  
MARY LUCILE DURR  
LIBERTY MUNDO EARLEY  
SHERRY HELEN EATON  
JOHN MARKLAND ELLIOTT  
CATHERINE ROSE ELLIS  
ERNA CECELIA ELMBERG  
CHARLES LYMAN EMRICH, JR., with  
Honors in Political Science  
LEON HARRISON EPSTEIN, with Honors  
in English  
RUTH INGEBOG ERICKSON  
ARTHUR ANDREW EUBANK, with  
Honors in Philosophy  
CHLOE ELIZABETH EVANS  
ISRAEL HERMAN FAGEN  
IRMA JEAN FAIRCHILD  
ELBERT REDINGTON FAUST  
RALPH JOSEPH FEHRENBACHER  
MYRON GABRIEL FEIGENSON  
AGATHA EVELYN FELTER  
DOROTHY LOUISE FERNOW, with Honors  
in Psychology  
HELEN FERRARA  
VERNON TIRAS FERRIS, JR., with  
Honors in Geography  
MARJORIE GLASSBROOK FINN  
RUTH JOAN FINNEGAN  
LUCILLE EVE FISLER  
LINDA FITZ-GERALD, with Honors  
in Spanish  
RUTH EVELYN FITZSIMONS  
WISTARIA FIELD FLANAGAN  
ROBERT MARTIN JOSEPH FLANIGAN  
HELENE RUTH FOELLINGER, with  
Honors in Mathematics  
MARY ELIZABETH FOSTER  
GEORGE ARTHUR FRUIT, with Honors  
in Economics  
JANET ROSAMOND FULLER  
ELIZABETH GRACE FUNKHOUSER  
GEORGE GABER  
VICENTA HELEN MONICA GARRIS  
DOROTHY JOSEPHINE GARD  
FERNE M GARMAN  
HERBERT LEHMAN GARRISON  
EDNA VIRGINIA GERDL  
CLYDE GETZ  
LOUISE GEYER  
THOMAS WILLIAM GILL  
IRWIN AARON GOODMAN  
HELEN CHESTER GOODRICK  
THOMAS A GRAHAM  
DOROTHY CONSTANCE GRANT  
HELEN GRAY  
SIDNEY LESTER GREENFIELD  
ELIZABETH MARIE GRIESHABER  
LUCY ISABEL GRIFFITH  
HELEN MAY GUNN  
MARGERY GUNN  
MARJORIE ALICE GUSTIN  
CLELA GUTHRIE  
ESTHER HAEFELE  
WILMA CAROLYN HAEGER  
ALVIN WALFRED HALL  
MARY ELIZABETH HAMBROOK  
RICHARD KINNE HAMMEL  
ROBERT HANDSCHIN, with Honors  
in Mathematics  
JANE HARDY, with High Honors in  
Philosophy  
WILHELMINE DORIS HARMS  
ROBERT ANDERSEN HARPER, with  
Honors in Economics  
MARGARET WINIFRED HAVEN  
MARY ANTOINETTE HAYES  
DOROTHY ELIZABETH HEICKE, with  
Honors in Latin  
EVA JO HELBER, with Honors in Latin  
MARGARET HELEN HENDREY  
FRANK SNODON HICKMAN  
FRANCES HILL  
HELEN ADELE HILLIARD  
ISABEL JESSAMINE HINMAN  
GLENITA HOBBS  
EUGENE MORTON HODGSON, JR.  
FLORENCE STELLA HOOK, with High  
Honors in History  
DAVID WYATT HORNER  
HAZEL IRENE HORTON  
FRANCES DELORES HOWARD  
NELSON OLIVER HOWARTH

<sup>1</sup>Diploma to be awarded on completion of Advanced R.O.T.C. Summer Camp requirement.

- LAURENCE ARTHUR HUBBARD  
 MARY ELIZABETH HUFF, with Honors  
 in English  
 LOIS VIRGINIA HUNT, with High  
 Honors in Latin  
 HERMOISE JENNESS HUPP, with  
 Honors in Latin  
 CHARLES EUGENE HUTCHINS  
 GRACE STANLEY JACK  
 CAROL ELIZABETH JOHNSON  
 HELEN ELIZABETH JOHNSTON  
 ANNE PRIOLEAU JONES, with Honors  
 in French  
 ROGERS DRAPER JONES  
 EILEEN RETA JOYCE  
 JOHN PAUL JURKANIN  
 GRACE LOUISE KEISER  
 DAYNE HARRISON KENNEDY  
 ROBERT COOPER KENNEDY  
 DOROTHEA EDSON KENYON  
 WILLIAM DAY KILBORN  
 ROBERT ROY KILEY  
 EILEEN FLORENCE KIMBALL  
 JUDITH MAXINE KIRKMAN  
 EVRON MAURICE KIRKPATRICK, with  
 High Honors in Political Science  
 EDNA LUCILE KLINE, with Honors  
 in French  
 ETHEL MARIE KLYVER  
 KATHERINE KNAPPENBERGER  
 WALTER ANDREW KNOX  
 MILTON LIONEL KOHN  
 JULIANNA KOZMA, with Honors in  
 Spanish  
 DOREEN LILLIAN KRING  
 LESTER EUGENE KUNI  
 CAROLINE AGNES LANGE  
 EMMA MAE LARGE  
 JOSEPH RALPH LAVIETES  
 RICHARD KELLEY LAW, with Honors  
 in English  
 FRED HUNTER LAWRENCE  
 MARY ELIZABETH LEEDS  
 WILHELMINA LEMEN  
 LEONARD LEVIN  
 MAURICE LICHTENSTEIN  
 DONALD ALMON LISENBY  
 WENDELL CHARLES LOCKE  
 FAY DOROTHY LOME  
 JOE PAISLEY LONGWELL  
 VIRGINIA MARIE LOOMIS, with Honors  
 in English  
 LENORE LOTT  
 MARTIN MARION LOVE, with High  
 Honors in History  
 LEONARD WALLACE LUNDIN  
 MARY LOU LYNOTT  
 ESTHER SUSAN MCANULTY  
 ROWLAND CURTIS MCBROOM  
 LUCILE RUTH MCCLINTICK  
 ELIZABETH INA MCCLURKIN  
 FRANCES LOIS MCCONNELL  
 MARY LOUISE MCCUMBER  
 GEORGE EDWIN BERNARD McDEVITT  
 DOROTHY AUGUSTA MACFARLAND  
 JAMES WILLIAM McGRATH  
 JOAN MEEHAN McGRATH  
 HESTER COHOON MACKECHNIE  
 HARRY NELSON McLAUGHLIN  
 LOUIS ALBERT McLEAN  
 CHARLES WILLIAM MADDEN  
 HAROLD EDMUND MADDOX  
 MARTIN FRANCIS MAHER  
 ROSABEL MALKIN  
 BETTY MANNERING  
 HAROLD LOUIS MARKS  
 RUSSELL VIVION MARKS  
 MARY OONA MARQUARDT  
 BEULAH MADALYNE MAXWELL  
 CHARLES SUMNER MELLEN  
 GERRIT MEMMING  
 LOUISE HESS MEYERS  
 CHARLES REGIS MICHAUD, with Honors  
 in French  
 JOSEPHINE H MILLER  
 DAISY FLORENCE MILLIGAN  
 CHARLES ARTHUR MINOT, JR.  
 JOHN MATTHEW MOELMANN, with  
 Honors in Economics  
 JOHN JOSEPH MORROW  
 WILLIAM GOODRICH MOTEL  
 LUCRETIA ANN MOTT, with Honors  
 in Mathematics  
 EDWARD HOMER MOUZON  
 HELEN LENA MULFORD, with Honors  
 in Psychology  
 BOZIDAR MUNTYAN  
 ANNE CECILIA MURRAY  
 RUTH AUGUSTA MYERS  
 ARTHUR EDWARD NACKMAN  
 DOROTHY LOUISE NEILL  
 ALLAN JOHN NIESS  
 HERBERT MARSHALL NORRIS, with  
 Honors in Mathematics  
 RALPH JOSEPH O'CONNELL  
 FLOYD ROSS OFFENBACKER  
 FLORENCE ELISE OLSEN  
 VIVIENNE MURIE OLSEN  
 DOROTHY JANE ONKEN  
 HARRIET LEONA PAGE  
 MARGARET A PARKER, with Honors  
 in French  
 THOMAS RIELLY PARKER  
 MARY ELIZABETH PATTON  
 EVELYN MAY PAVEY  
 FRANK PAYNE, JR., with Honors in  
 Chemistry  
 HELEN FRANCES PEARSALL  
 MARSHALL HYLON PENGRA  
 VARENCE TAYLOR PENN  
 GLENN LOREN PIERCE, JR., with  
 Honors in Entomology

- RUTH EBY PIERCE  
 WILBUR BENNETT PINGS, with High  
     Honors in Chemistry  
 HARRIET REBECCA PITMAN  
 ESTHER RUTH POHN  
 JOHN LINCOLN PORTER, JR.  
 LEONA FAY PRINCE  
 ARTHUR JOSEPH PROTEAU  
 MARY ELIZABETH PUTMAN, with  
     Honors in French  
 EULA ROSE PYLE  
 LOUIS ERNST RADEMACHER  
 ETHEL RAFELSON  
 ROY JAMES RAILSBACK, JR.  
 BERNICE KATHERINE RANKIN  
 MERTON H RAPP  
 FRANK WHIPPLE RENWICK, JR., with  
     Honors in History  
 DOROTHY ALICE REYNOLDS  
 HELEN MARY REYNOLDS, with  
     Honors in French  
 MILDRED ELIZABETH RHOADS  
 JEANNE LOUISE RICARDO  
 ELEANOR BLAKELEY RICHARDS, with  
     Honors in Psychology  
 MARY RICHMOND, with Honors in  
     Spanish  
 JEWETT AYRES RICKER, with Honors  
     in English  
 DOROTHY M RIEBE  
 EDWARD FRANCIS RITTER, JR.  
 JEANNE JEWEL ROEDER  
 CARMA FRANCES ROHWEDDER  
 JEROME BERNARD ROSENTHAL  
 ADOLPH MARTIN ROTHBARDT  
 SAMUEL JAMES ROTI  
 ELIZABETH HARTLEY RUSK, with High  
     Honors in German  
 ROBERT NORTHWALL RUTHERFORD,  
     with Honors in Chemistry  
 WILLIS PIERCE RYAN  
 MARTIN AUGUST SANDER  
 RAYMOND EDWARD SCHARPEN  
 DORIS LUCILE SCHNEIDER  
 MABEL IRIS SCHOCH  
 ADELE KATHRYN SCHOLLMAYER  
 CHARLES EDWIN SCOTT  
 ALICE SEARS  
 IRWIN FRANK SEDLACEK  
 VIVIAN MILDRED SEIDLER  
 RICHARD BENJAMIN SEYFARTH  
 WILLIAM NORMAN SHANNON  
 VIRGINIA DALE SHARP  
 CHARLES HARLEN ARTHUR SHATTUCK,  
     with Honors in English  
 DOROTHY MARGARET SHEAR  
 BRUCE MORGAN SHEPARD  
 MARY VIRGINIA SHERMAN  
 ROYAL LINCOLN SIEFFERMAN  
 ELIZABETH ANNE SIEGRIST  
 ELZA MARY SLANE  
 HERBERT LAWRENCE SMITH  
 JANE MARIE SMITH, with High  
     Honors in History  
 JEAN HOLMAN SMITH  
 JOSEPHINE ANDRIETTA SMITH  
 FANNIE JANE SPARKS  
 MADGE SPARKS, with Honors in  
     Spanish  
 DONALD WILLIAM SPENCER  
 EVELYN CAROLYN SPRING  
 ABBOTT ROLAND STAHL  
 JOHN MILTON STANFORD  
 MURIEL ALICE STANLEY  
 KATHARINE ELIZABETH STEELE  
 ROGER THOMAS STEERS  
 LILLIAN SARA STEIN  
 THELMA ELIZABETH STEPHENS, with  
     Honors in Latin  
 ROBERT BECKWITH STIVEN  
 WILBUR HORACE STOCKING  
 HILA ARMENIA STONE  
 RUSSELL MARVIN STRIPLIN  
 FRANK MILTON STUBBLEFIELD  
 MARGARET CAROLINE STULTS, with  
     Honors in French  
 CLEMENT JOHN SVILOV  
 ELBERT LEE TATUM  
 LOUISE ERMA TAVS  
 KENNETH LAVERNE TELLEEN  
 STANLEY EDWARD TELSER  
 ROMAN ALEXANDER THIEDA  
 GRACE JOSNA ANNA THOMAS, with  
     High Honors in Latin  
 LOUISE EDITH TILL  
 DOROTHY GRIFFIN TIMMONS, with  
     High Honors in History  
 DARRELL JAMISON TIPPETT  
 EDWARD BERNARD TOLES  
 JEAN PETER TONKOFF  
 FAY VANISLE TOOLEY  
 JANE TOWNSEND  
 MAURICE ALEXANDER TREPANIER  
 LOUIS JOHN TRINKAUS  
 WILLIAM ELLIOT TRUDE, with  
     Honors in Political Science  
 MARGUERITE ROBINSON TUPPER  
 LUCIUS DON TURNER  
 JAMES HOWARD VAUGHN  
 VERA JOSEPHINE VLCEK, with High  
     Honors in Economics  
 GERTRUDE ESTELLE VORIS, with  
     Honors in Bacteriology  
 HENRY AUGUST WACHTER  
 JOHN LAFAYETTE WADDELL, JR.  
 RETA LARIE WALKER  
 MARY ELEANOR WALL  
 SILAS WALLK  
 MARY MAXINE WARD  
 WILLIAM TAYLOR WATERHOUSE, with  
     Honors in Mathematics  
 BERT VAUGHN WATKINS  
 GEORGIA ANNE WATSON  
 SHIRLEY BROWNLEE WATSON

LOIS MAE WEBSTER, with Honors  
in History  
LOUIS ALBERT WEHLING  
KATHERINE LOUISE WEINBERG  
RICHARD DOUGLAS WEIS  
ALBERT CHARLES WELGE  
DOROTHY STUART WHEELER, with  
High Honors in English  
ROBERT EDWARD WHEELER  
JAY LOOMIS WHELOCK  
CARYL DOROTHY WILKES  
KATHRYN ELIZABETH WILLARD

CLEO A WILLIAMS  
EDWARD LATIMER WILSON  
HENRY E WILSON, JR.  
RACHEL DAURA WORTHEN, with  
Honors in Psychology  
ADELAIDE FRANCES WRIGHT  
KEITH FULTON WRIGHT  
GAIL ALICE YAGGY  
ARTHUR DAVID YOUNG  
JOYCE OTTILA ZIMMERMANN  
JANE ELIZABETH ZINN

#### IN HOME ECONOMICS

ELIZABETH GORE CURZON, with Honors  
MARION ELIZABETH HALLETT  
DARLINE VIRGINIA MCCREERY

MARY IDA ROBBINS, with Honors  
MARY CLARK STANLEY  
BESSIE BELLE WEISENT

### Degree of Bachelor of Science

#### IN LIBERAL ARTS AND SCIENCES

FRANCES JEAN BLAKE  
ROBERT JAMES FAHEY  
CHARLES MARION FORD  
JOHN ALEXANDER GILMORE  
HERBERT CHARLES HARTMANN  
CASTLE J HARVEY, with Honors in  
Geology  
LOUISE MARY HYNES  
KENNETH KARL KEARBY  
BARBARA LOIS OHL  
MILDRED PARIZEK

LEO HOUSTON PATTON  
ARTHUR MILEHAM PHELPS  
MARGARET CATHARINE SCHNAPP  
MABEL IRIS SCHOCH, with Honors  
in Mathematics  
FRANCIS JOSEPH STENZEL  
TIMOTHY ROMEO VEAL  
WILLIAM LORNE WAXLER  
TOMMY RICHARD YOUNG  
WILLIAM BERNARD ZELIK

#### IN CHEMISTRY

JOHN DEAN BIRKHMIR  
JAMES HOWARD BUNTING  
JOSEPH HENRY DI LEONARDE  
PATRICIA FLEMING  
CHARLES ALBERT GETZ  
HOWARD GEORGE GLASS  
JOHN LUKINS GRING, with Honors  
WILLARD MAX HOEHN  
MORRIS HERMAN KELBER  
PAUL WARREN LEPLA, with Honors  
JOAN MAMIE OSTEN  
JOSEPH HAYES PADEN

ROUBEN RABIN  
HAROLD LANDSBERG REYNOLDS  
JOHN RICHARD ROLAND, JR.  
MELVILLE AUGUST ROSENBERGER  
WILLIAM ERNEST ROSS, with Honors  
CLARENCE ALBERT STIEGMAN  
FRED CARL STURMER, JR.  
PLINY OTTO TAWNEY, with High  
Honors  
ROBERT IMBODEN TENNEY  
RICHARD CLAYTON WAYMIRE,  
with High Honors

#### IN CHEMICAL ENGINEERING

MORRIS BERNSTEIN  
ROBERT HARDING BLISS, with High  
Honors  
CECIL DENNY  
ROBERT MANN FARIS  
WINFRED BENJAMIN HIRSCHMANN  
EVERETT WATT HOWARD  
THURSTON ERIC LARSON  
WILLIAM EHLERT LIEB, with High  
Honors  
LAWRENCE ALEXANDER MONROE,  
with High Honors

GEORGE HARTMUS NELSON  
WALLACE EUGENE NOWOKUNSKI  
THOMAS PACEY, JR., with Honors  
ROLLAND PETERS  
CLEMENT EDWARD PRITZ  
HERMAN SCHNEIDER, with Honors  
ROBERT POTTER STOCK  
JAMES MADISON STRALEY  
MARSTON DEDRIC SEVERINE STROTE  
EDWARD CHARLES SWENSON  
CARL WILLIAM YARCHO  
EUGENE JOSEPH YOCOM

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

## IN ACCOUNTANCY

WALTER RUSSELL AABYE  
 MYRON FRANCIS ADDISON  
 SAMUEL GOMPERS ALPERT  
 ARCH MARION AULT  
 DOROTHY MARGUERITE BEAIRD  
 GEORGE RAYMOND BERRY  
 HAROLD WILLIAM BREITHAAPT  
 EARL KENNETH BRISSMAN  
 BLISS LIVINGSTON CHARLES  
 JOHN ELDRIDGE CRAMMOND  
 LYLE MARION DAHLENBURG  
 FRED KENNETH DEGROOTE  
 WALLACE VOIGHT DORRIS  
 HOWARD COOPER DUNBAR  
 GLENN JOHN FISHER  
 HARRY LLOYD FRESE, with High  
 Honors  
 ISADORE FRIEDMAN  
 ALLAN EDWARD GARBER  
 DONALD DECKER GARRETSON  
 NATHAN D GREENE  
 RAYMOND FOREST GREENE  
 REGINALD ISAAC HARDY  
 LELIA ELIZABETH HOPKINS  
 ROBERT KOEHN HUBBARD, with Honors  
 LYLE RICH HUFF  
 MILTON REVERDY IGLEHART  
 MORLIN FRANK JOHNSON  
 DONALD MILTON KAMMERT  
 DAN S KERPAN  
 THEODORE MARTIN KOBZA

GERALD JOSEPH KOERNER  
 PAUL GRAHAM KREILING  
 ROBERT ALEXANDER LAKE  
 LEONARD DAVID LEVITE  
 NOBLE J LITHERLAND  
 EDWARD WITTICH LITTELL  
 FLORENCE JOSEPHINE LLEWELLYN  
 ROGER ALLEN LOWE  
 MELVIN OSCAR LUNDAHL  
 MICHAEL MACKANOS  
 ADELE HARRIET MINDLE  
 MILO JAMES MORRISON  
 ELMER CARL OLSON  
 JOHN ROBERT ORLANDO  
 CLYDE B ROBERTS  
 ROBERT LEE ROSBE  
 GUY WILLIAM ROSLYN  
 CARROL MAYER SANGER  
 FREDRICKA SALZMAN SCHRUMPF,  
 with Honors  
 MORRIS WALTER SMITH  
 ROBERT WILLIAM SPANIER  
 HENRY CECIL SPICER  
 LEONARD MARSHALL SULLIVAN  
 LESTER HERMAN SWANLUND  
 WADE EDISON TAPERT  
 LOUIS ALBERT WEICKER, JR.  
 ROBERT LENNIE WILLIAMSON  
 JOHN MARVIN WILSON  
 JOHN GODFREY ETON WOLTER

## IN BANKING AND FINANCE

HAROLD WESLEY BANCROFT, with  
 High Honors  
 MELVIN JOSEPH BOVIE  
 ANACLETO NATIVIDAD BUGAYONG  
 BERNARD NED COHN  
 JOHN GARM COLEMAN  
 HOWARD CLEO DEERWESTER  
 MARGARET ELIZABETH GANGSTAD  
 CHARLOTTE EDWINA GAUER  
 WILLIAM RUDOLPH GUNNER  
 LAWRENCE NESS HANSEN

HAROLD ALEXANDER HENRY  
 GEORGE DONALD HILLSTROM  
 ERNEST PHILIP HOERR, JR.  
 ELBERT BALL KAMP  
 WILLIAM ALAN KLEPPINGER  
 GEORGE ALBERT MILLS  
 ARTHUR STROM NELSON  
 MAYER RASHBAUM  
 MILTON EMANUEL REINGOLD  
 ANNE RUTH ROSENBERG  
 CELIA SWEET

## IN COMMERCE AND LAW

MALCOLM J GILLIS  
 MAURICE ELLSWORTH GOSNELL  
 EUGENE BERNARD MACCONO  
 JOHN ALDEN NIEMEYER  
 WILLIAM MARION RICE  
 MARK OWEN ROBERTS

JOHN BRAMWELL ROBINSON, JR.  
 HENRY BYRON ROTHENBERG  
 LOCH SHUMAKER  
 POMEROY SINNOCK  
 MYRON RAYMOND WALLENSTEIN  
 FRED LOUIS WHAM, JR.

## IN COMMERCIAL TEACHING

BARRARA CECELIA BARD  
 MARSHALL NEWELL GRAY

ALDONA LENOK

## IN FOREIGN COMMERCE

FRANK EDWARD BRENCE  
 MARION ELIZABETH FILSON  
 DOMINICK ENRICO FRABONI  
 WARREN HOWARD FUERMANN  
 CHARLES ALFRED HILL  
 HELENA MATILDA JEWELL

FRED EDWARD KEUP  
 JAMES EDWIN SPRINGER  
 ALVIN VICTOR SPUNAR  
 ROY ELMER TAYLOR, JR.  
 LAWRENCE JOHN VALLERO

## IN GENERAL BUSINESS

JEAN MARGARET ACHELPOHL  
 JOHN ROBERT ADAMS  
 WILLIAM HENDRY ALLEN  
 OLIVER DEAN AMES  
 RALPH CURTIS ANDERSON  
 WILLIAM CHRISTOPHER ARMSTRONG  
 ROBERT ADAMS BAGLEY  
 EUGENE PARKER BAKER  
 HERBERT EUGENE BALDWIN  
 INEZ RUTH BALL  
 FREDERICK GORDON BARTHOLOMEW  
 CHARLES THOMAS BAUMGART  
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 VERNON JULIUS BERT, JR.  
 ARTHUR CLARENCE BONK  
 ALAN BRENTANO  
 JOHN WILLIAM BRENTLINGER  
 JOHN ALGERNON BROOM, JR.  
 RALPH HERBERT BROUILLETTE  
 DONALD STEWART CHARLTON  
 VERNON PAUL CHRISTMAN  
 PHILLIP NORMAN CITRON  
 JOHN WILSON CODD  
 JAMES LAWLER COOMBS  
 JULIANNA CRIPPIN  
 STANLEY ALLAN DEAN  
 JACOB WILLIAM DEUTCH  
 FRED WILLIAM DONNER  
 MARGARET EASTMAN  
 GILES ARTHUR ELDRED  
 ROBERT FRANCIS ELRICK  
 THOMAS BLANKLEY ELVIDGE  
 JOSEPH JOHN ESTWANTIK, JR.  
 GORDON FINLEY  
 WARREN ELSWORTH FOX  
 RAYMOND JARVIS GIBBS  
 JOHN HALTON GREEN  
 HARRY DENNISON GROW  
 WILLIAM EDWARD HALL, JR.  
 KEITH HAMPTON  
 THEODORE KAYS HANSON  
 CECILE SUSANA HARVEY  
 FRED HEIMLICH, JR.  
 FARRELL KELL HODGES  
 JOHN DAVID HOLDER  
 ELBERT RAY HOLLINGSWORTH  
 BURNHAM BABB HOLMES  
 RUSSELL MONTFORT HORNER  
 WILLIAM ALBERT HUTTON  
 JEROME AUBREY JOHNSON  
 WILBURN ARTHUR MAGNUS JOHNSON  
 WILFRED REEVES JOHNSON  
 LEIF RODHOLM JUHL

LESTER J KADEN  
 ALLAN FRANCIS KALSOW  
 ROBERT LOUIS KAMP  
 LAWRENCE VICTOR KANTER, with  
 Honors  
 IRVIN ADOLPH KAUFMAN  
 GEORGE EDWIN KECK  
 WILLIAM HENRY VINCENT KELLY  
 EDWARD PETER KOWERSKI  
 WALTER CARROLL KREIDER  
 ARTHUR KUNGLE  
 JOHN GOFFE LEGGETT  
 GEORGE MALCOLM LENTZ  
 ANTOINETTE LILLIAN LINGG  
 HAROLD DALE LONG  
 CLARENCE THEODORE LUNDQUIST  
 PAUL KISTLER MACDONALD  
 HAROLD ROBERT McNALLY  
 JAMES ROBB McPHERSON  
 MARGARET MARTENS  
 EDWIN ELMER MITCHELL  
 JOHN MAX MITCHELL  
 BERNARD HORWICH MORETSKY, with  
 Honors  
 CLARENCE JOHN NEUMEYER  
 VINCENT FREDERIC NIGHTINGALE  
 ALBERT CHARLES NOBLE  
 FREDERICK GOLBERG OLSON  
 DOROTHY CATHERINE PELZER  
 GEORGE VOLNEY PENWELL  
 WARREN ARTHUR PFLUG  
 MAX NOEL PIKE  
 JAMES HENRY POOLE  
 LADD CHARLES PRUCHA  
 RALPH BINFORD REESE, with High  
 Honors  
 ARCHIE H ROBB  
 FRANCIS PATRICK WILLIAM RUPP  
 RAYMOND PHILIP SAVAGE  
 FREDERICK ALBERT SCHNELL  
 ROCHO HENRY SINDERSON  
 RONALD POTTER SMITH  
 MARJORIE CRAIG SPENCE  
 GEORGE ANDREW SWANSON  
 HENRY BROWNE TERRY  
 WILBUR WRIGHT THOMPSON  
 WILLARD CARROLL THOMPSON  
 LEWIS VERNON TRABERT  
 JOHN WILLIAM TURNQUIST, JR.  
 STEWART ERNEST VOTAW  
 HERBERT CLAIR WARREN  
 EDWARD CHARLES WEIDEMAN  
 RICHARD ALLAN WELCH

NORMAN ERNEST WENDT  
 GEORGE FOX WESTWOOD  
 ROBERT EMMET WHITELEY  
 LEWIS FRANCIS WILLIAMS  
 MERWIN WALTER WILLKE

EARL MARTIN WILSON  
 HONG FONG WONG  
 DARWIN LEDEAN WOOD  
 RU-KAN WU

IN INDUSTRIAL ADMINISTRATION

CECIL O BERNARD  
 DONALD ALEXANDER CAMERON  
 DONALD EUGENE COX  
 DENZIL RAY HALCOM  
 CARL HOCKWIN JOHNSON  
 EDWIN H JOHNSON  
 ELBERT CYRUS KING  
 ELMER CLAYTON MAHER

CHESTER CLIFFORD MARKS  
 RICHARD ALLEN MILLER  
 ROBERT CARL PALMQUIST  
 JOHN JACOB SAND  
 JACK PATTERSON TABOR  
 MILAN VYDARENY  
 MERVYN HICKS WARLOW  
 BERWYN ROGER WOHLD

IN INSURANCE

LUCIUS WALTER LOMAX  
 MAURICE HERMAN REID

LLOYD GARRISON WHEELER

IN PUBLIC UTILITIES

RALPH WECKEL DOWNING, with  
 Honors  
 JAMES CHARLES PETTEE, with Honors  
 LEWIS DAN PRING

HARRY A SAHLIN  
 LOREN B THOMPSON, JR.  
 NORMAN S WEBER

IN RAILWAY ADMINISTRATION

PAUL VAN ARSDALE KORTKAMP  
 YU FAN MA

ALLAN LEON VOUGHT

IN TRADE AND CIVIC SECRETARIAL SERVICE

EDITH WISE HUDNUT

CLARK WEBBER

IN ACCOUNTANCY AND BANKING AND FINANCE

ARTHUR LOUIS BERT  
 ROBERT WALKER BOYD  
 HIMEY EDWARD BREEN  
 RENICK HULL BUCKLES, with Honors  
 in Accountancy; High Honors in  
 Banking and Finance  
 DAVID GORDON FITHIAN, with High  
 Honors in Accountancy and in  
 Banking and Finance

LLOYD OGDEN FRULAND  
 CHARLES JOHN GAA, with Honors in  
 Banking and Finance  
 FREDERICK ALBERT HOOK  
 HOWARD WILLIAM PARKER  
 CHARLES WILLIAM TIMME  
 LEO VINCENT TOCKSTEIN  
 WILLIAM WALDEN WEATHERMAN

IN FOREIGN COMMERCE AND BANKING AND FINANCE

VIRGINIA CHRISTMAN

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

IN CERAMICS

HIRAM DAVID FRANKEL, JR.  
 JAMES AGNEW SLAUGHTER, JR.

ROBERT WILLIAM SLAUGHTER

IN CERAMIC ENGINEERING

EDWARD GEORGE BOURNE  
 GENE BRUTON  
 EDWARD REIGH BULLARD  
 WAYNE ALVIN DERINGER, with High  
 Honors

GEORGE KENNETH LOWE  
 JOHN MARTIN MCCORMICK  
 THOMAS MAGUIRE  
 GEORGE THOMAS MOORE  
 LOREN ARTHUR TRABERT

## IN CIVIL ENGINEERING

DONALD PARSONS ALLEN	CARL MELVIN JOHNSON
PHILIP ALBERT ANDERSON <sup>1</sup>	WILLIAM PERRY JONES, with High Honors
ROBERT HOWARD ANDERSON	EMANUEL LINDE KAHN
EDWARD WILLIS BALDWIN, JR.	ARTHUR WILLIAM KOWITZ
CHARLES VIRGIL BELL	CHARLES UDELL KRING, with High Honors
STANLEY URNER BENSCOTER, with High Honors	HARRY CHRISTIAN LAWSON, JR.
WILLIAM JULIUS BOBISCH, with High Honors	HARRY FRANCIS LOVELL
WILLIAM ELVIN BOHN, with High Honors	GROVER KENNETH LYNCH, with Honors
THEODORE EMANUEL BROOKS	HAROLD KNUTE MADISON
RAYMOND SHEARER BROWN	MERRITT WEST MATTHEWS
ROBERT MURRAY BUCHANAN	GEORGE CONRAD MILLER
CLYDE JOHN CARLSTRAND	LAWSON ISAAC MILLER
ROBERT HEAD CROWE	NORE AGATON MONSON
ROBERT EDWARD CURRAN, with Honors	FRANK KENNETH MORSE
W BERNARD DICKMAN	DOUGLAS BYRON MORTON
SCOTT DILLON	RICHARD STEPHEN NELLE
CHARLES WILBUR ENNIS, JR.	BEN PALLER
WILLIAM RAYMOND FICKETT	RICHARD NELSON PALMER
LYDON AINSWORTH GILMAN	LEONARD CHARLES PICKETT
MERLE HENRY GOEDJEN	JOHN PATRICK ROCHE
HARRY PAUL GOLDMAN	ALFRED PAUL ROSCHE
JOSEPH GORDON GRIFFITH, with High Honors	WILLIAM EDWARD SCHULZ, JR.
ALLEN EDWARD HABERLE	ABRAM FUNK SEARS, with Honors
DALLAS DALE HERSHEY	HARVEY THORN STEPHENSON
MYRON EMANUEL HERZOG, with Honors	GERALD EDWARD THOMAS
GLENN EDWARD HODGES	JOSEPH BENJAMIN TIFFANY, JR., with High Honors
WILLIAM LYLE HUDSON	HARRY LEOLAND WINGFIELD, JR.

## IN ELECTRICAL ENGINEERING

GEORGE AICHELE, with High Honors	MATHEW VALENTINE LIESENFELT
PETER ANDRIS	HAROLD RUDY LONG
ROBERT ASHLEY BLAKENEY	WILLIAM BYRON MCCAULEY
GEORGE LYMAN BODWELL	ROBERT MACCLINCHIE
WILLIAM DONALD BOONE	FRANKLIN CLOSE MILLER, with Honors
CHARLES MILLARD BROOM	ROBERT WELCH PASHBY
BENNETT BURGOON, JR.	ROBERT CARLISLE PERRY
ADOLPHUS LEE BURLEIGH	DORN LEROY PETTIT, with High Honors
BARRETT MANVILLE CAROTHERS	FRANKLIN MCRAE PHILLIPS
DAVID EDWIN CHAPMAN	RAYMOND LYLE PORTER
CAREY COTTINGHAM	VICTOR JACOB REAFSNYDER
FRANKLIN MARVIN DEERHAKE, with High Honors	JOHN EMERSON RENZ
RAYMOND HARLAN DEY	CLARENCE FLOYD ROGIER, with Honors
RALPH LEVERNE DOWELL	ARTHUR HAROLD SCHUMANN
FRANKLIN JOHN DVORAK	PAUL ANTHONY SWAIM
MAURICE JAMES ERICSON	JOHN LESTER SWARNER, JR.
FREDERICK ALBERT ERICZON	CARL PHILIP SWENSON
BENJAMIN FIGLEWSKI	MERLE CLARK TURNER
JOSE MARCELO GREY	RAM DAS VARMA
EARL RICE HEACOCK	GEORGE HENRY VOLLE
FRANCIS LEROY HOLLOWAY	ARTHUR GRUMBAUM WAGNER
YUAN-CHUN KAO	WILLIAM EDWARD WILLEY
DONALD JAMES KITCHEN	RAY RENAULT WOOD
GEORGE KUTA	WALTER HERMAN ZURHORST
KENNETH LEITER	

<sup>1</sup>Diploma to be awarded on completion of Advanced R.O.T.C. Summer Camp requirement.

## IN ENGINEERING PHYSICS

GEORGE FARRELL CANNON  
 RICHARD JAMES DUFFIN, with High  
 Honors  
 FRANK CARL GALE

JOHN MARSHALL NASH, with High  
 Honors  
 THEODORE JOSEPH WANG

## IN GENERAL ENGINEERING

JAMES WILLIAM FRAZIER  
 BENEDICT JOHN GOLTRA  
 ELMER ANDREW GREENLEE  
 MAURICE LOWE HAMILTON

JEAN EDWARD LATTAN  
 GERALD CLYDE PRIMM  
 CHARLES VICTOR DELMAR WALLRAB

## IN MECHANICAL ENGINEERING

CHARLES MALCOLM ABRAHAMSON  
 RAYMOND JOHN ANEN  
 BERTUS BALDWIN BALL  
 EDWARD BRAZITIS  
 BERNABE RULLODA DACANAY  
 CHARLES ALVIN DAVIS, Jr., with  
 Honors  
 MALCOLM RICHARD DERBY  
 WILLIAM JOHN DERKSEN, JR.  
 FIELDER JONES DOWDING  
 WILBUR HARLAN DOWELL  
 MAYNARD MILLINGTON EASLEY  
 KARL FRED EKLUND  
 WALTER JAMES EVERHART  
 SIGNOR FINK  
 WARREN DOUGLAS FOLTZ  
 FRANK ORVILLE GASKILL  
 WILLIAM FREDERICK GIESELMANN  
 ROBERT LOUIS GOODYEAR  
 ROBERT JOHN GREENSHIELDS  
 FREDERICK WILLIAM HAAKE  
 DOUGLAS ALFRED HASTINGS, JR.  
 RICHARD HENRY HEBERLING  
 LOUIS EUGENE HIMELREICH, with  
 Honors  
 ALLEN CAESAR HOTTES, with High  
 Honors

FLOYD GRAY JOHNSTON  
 HAROLD ELLSWORTH KLEIN  
 THEODORE WILLIAM KLOPP, Jr.  
 KAZMER JOHN LAMBERT  
 DALE BATEMAN LAWRENCE  
 GEORGE EDGAR LEUTWILER  
 HARLEY ADAM McCANE  
 WALTER LEE McCANN  
 PHILLIP REGINALD MILES<sup>1</sup>  
 PARKE DAVIES MORGAN  
 ANDREW WESLEY NEUREUTHER, with  
 High Honors  
 BOYD STEVENSON OBERLINK  
 JOHN LEONARD OLSON  
 GERALD I H PERRY  
 ROBERT WILLIAM PODLESAK  
 HENRY EDDY RENWICK  
 KEITH RICH  
 THURSTON JAMES RUDDY  
 WILLIAM BARRON RYAN  
 JURGENS PHILLIPPUS SCHOEMAN  
 ALDEN GEORGE STANFORD  
 LARoy RICHARD STOLTZ  
 JOHN RICHARD VOGEL  
 EARLE WILLIAM WELLS

## IN MINING ENGINEERING

HENRY BERG  
 ROBERT LEE RAYMOND<sup>1</sup>

ROBERT MARX SCHERER

## IN RAILWAY CIVIL ENGINEERING

GEORGE WILLIAM BOOT, JR.  
 EMIL GEORGE REIMANN

HARRY EDWIN WHITE

## IN RAILWAY ELECTRICAL ENGINEERING

JAMES SHELDON KING  
 LIB PANICHI  
 STANLEY HOLT PIERCE, with High  
 Honors

CLAYTON SORENSEN STEELE<sup>1</sup>

## IN RAILWAY MECHANICAL ENGINEERING

ARTHUR JOSEPH DORÉ

<sup>1</sup>Diploma to be awarded on completion of Advanced R.O.T.C. Summer Camp requirement.

## COLLEGE OF AGRICULTURE

## Degree of Bachelor of Science

## IN AGRICULTURE

HAROLD ARNOLD ACKERMANN	HARVEY WENDELL KRING, with Honors
WILLARD CURTIS ANDERSON	RAYMOND LEEPER
CHARLES LYNDON BANNER	MILTON CURTIS MATHEW
HARRY PAUL BATEMAN	WAYNE WILBUR MILLER
RUSSELL FREDERICK BECKER	DOYLE ROBERT MORRIS
GEORGE KENNETH BEEBE	JOHN KENYON MORRIS
PAUL LEONARD BENBOW	ARTHUR THEODORE MOSHER, with Honors
WILMOT IRVIN BIDNER	RANDALL LINDEN NELSON
ELBERT HERALD BILLS	JOHN DEXTER OLSON
FRANK HENRY BISCHOFF	FRED ARNOLD PAINTER, with Honors
JAMES HAROLD BOYD	CHAUNCEY HOWARD PARKER
FLOYD MELVIN BUESINGER	WILLIAM MARCELLUS PETEFISH
JOSEPH GORDON BUMGARNER	LEE ROY PIPER
JACK CARTER DE ATLEY	HAROLD MAURICE PRIMM
LINN WILLIAM EATON	RUSSELL SIMPSON RAINS
WILLIAM ROBERT ELDER	WAYNE MAHLON RICH
HERBERT CHRISTIAN ENGELHARDT	WILLIAM REED RITCHIE
DEAN KLEIN FINCH	JOHN LESLIE RUSSELL
RICHARD HENRY GANTZ	WILLARD WINSTON SCHAFER
HAROLD WINFORD HANNAH	MARVIN LOYD SCHUETZ
CLARENCE HANOVER	MARSHALL JEWELL SCOTT
ALBERT JOHN HARDGROVE	PAUL HENRY SHUMAN
FRANK CORWIN HAWKINS	LAWRENCE HARRY SIMERL, with Honors
ELMER HERMAN HENKER	GEORGE ALBERT TRULL, with Honors
GEORGES CHARLES HERAUX	DELBERT ESTON TRUMMEL
ARLEY KERMIT HOHENBOKEN	KENNETH ROSCOE TUCKER
MERL TUTTLE HOPSON	HOWARD WARE TURNER
HAROLD LEE JEPSON	CHARLES EDGAR WILMETH
LOWELL SHULER JOHNSON	HAROLD WRIGHT
ROBERT THOMAS KAY, with Honors	
FORREST S KERMICLE	

## IN FLORICULTURE

FORREST GLENN GIMLIN	ROSALIE MARIE KNIEP
CARL MILTON JOHNSON, with Honors	ELMER LAWRENCE PATELSKI
WILLIAM HENRY KISTLER, with Honors	

## IN HOME ECONOMICS

MILDRED LILLIAN ASZMANN	EVELYN VIRGINIA KLUGE
SINA ESTHER BEVIS, with Honors	DOROTHY DILLON MCGAUGHEY
FREEDA LUCINDA BYLAND	DOROTHY EUNICE MAULDING
IDA ELLEN BYLAND	OLEVIA CECELIA MEYER
DORA WINTRESS DALBEY	ROSALIE ELLIS O'HERRON
MARJORIE GERALDINE DAWSON	PAULINE M PARKER
HELEN MABEL DREW	ELLAMARIE PEARLMAN
LUCILE ROXINE DUNN	MARY ELIZABETH RICKARDS
RUTH FINLEY	JANNA MAE SILANDER
ELEANOR IDA GOODSPEED	RUTH TABORN
ELIZABETH LOUISE KENYON	LILLA ADALINE WITHEY

## COLLEGE OF LAW

## Degree of Bachelor of Laws

ARMEN RALPH BLANKE, A.B., 1930	JULES DASHOW, A.B., 1930
ELBERT WILLIAM BUTLER	GEORGE W HOWARD, JR., A.B., Denison University, 1929, with Honors
CARROL EBERHARDT CORBETT, B.S., 1925	

HAROLD HENRY JAEGLI  
 GEORG FRED KELLING, A.B., 1930  
 ALBERT HARM KLEEN, A.B., 1931  
 ELLIOTT KOHN, A.B., 1931  
 ARLINGTON RICKETTS MAUTE  
 ARTHUR PELTZER, with Honors  
 FRED WILLIS POTTER, JR.  
 CLIFFORD MARTIN RAEMER, A.B.,  
 University of Oklahoma, 1927

WILLIAM PEARSON ROBERTS, B.S.,  
 Illinois College, 1924  
 SAMUEL RUBIN, B.S., 1930  
 RICHARD GEORGE SANDER, B.S., 1930  
 JOHN JOSEPH SIROTNAK, A.B., 1930  
 ROBERT CLINTON STARR  
 HENRY M WARD, B.S., State  
 University of Iowa, 1929  
 CHARLES MADDRA WEBBER  
 MAXINE MYERS WOODRUFF, A.B., 1930

#### Degree of Doctor of Law

CHARLES WRIGHT FORNOFF, Ph.D.,  
 1926, with Honors  
 EDWARD FRANCIS STREIT, A.B., 1931,  
 with Honors

HARRY ERRETT WITHERELL, B.S.,  
 1930, with Honors

#### LIBRARY SCHOOL

##### Degree of Bachelor of Science in Library Science

MARY LOUISE ANDERSON, A.B., West Texas State Teachers College, 1930  
 ELLA PAULINE ASHLEY, A.B., Indiana University, 1931  
 DOROTHY BAILEY, A.B., Northwestern University, 1926  
 MARY WINIFRED BARNES, A.B., Lawrence College, 1930  
 DOROTHY BENJAMIN, B.S., Northeast Missouri State Teachers College, 1930  
 ELEANOR BERSELL, A.B., Augustana College, 1931  
 STELLA LOUISE BORCHELT, Ph.B., University of Chicago, 1930, with High Honors  
 JEAN LOIS BOWEN, Northwest Missouri State Teachers College, 1930  
 WED DREW BRANDT, A.B., University of Michigan, 1930  
 VERA LOUISE BRIZIUS, A.B., DePauw University, 1930  
 MARGARET KATHERINE BURKE, A.B., A.M., University of Colorado, 1916, 1928  
 PAULINE CALENDINE, A.B., Ball State Teachers College, 1927  
 SISTER MARY STEPHANA CAVANAUGH, A.B., Rosary College, 1920  
 HARMON JOHN CHAMBERLAIN, A.B., Michigan State Normal College, 1931  
 MARY HARRISON CLAY, A.B., Judson College, 1925, with High Honors  
 LOIS COWGILL, A.B., Butler University, 1931, with Honors  
 SALLIE ELIZABETH CUMING, A.B., University of Mississippi, 1930  
 MARY ELIZABETH DAVIS, B.S., Southwest Missouri State Teachers College, 1923,  
 with High Honors  
 MARY ELLEN DAVIS, A.B., University of Nebraska, 1925, with Honors  
 PHOEBE DIMOCK, A.B., University of Kentucky, 1931, with Honors  
 MILTON ADOLPH DRESCHER, A.B., University of Wisconsin, 1931  
 LEONA DURKES, A.B., Wellesley College, 1924, with High Honors  
 JANIE ROB EVANS, A.B., University of Kentucky, 1930  
 DOROTHY CATHERINE FARNSWORTH, A.B., University of California, 1927  
 SALLIE JOHNSON FARRELL, A.B., Mississippi State College for Women, 1931, with  
 Honors  
 LUCILE HORTENSE FITCH, A.B., Oberlin College, 1925  
 MARGARET ALICE FLINT, A.B., 1931  
 DORIS ALBERTINE FOLEY, B.Ed., Western Illinois State Teachers College, 1931  
 IRENE GELINAS, A.B., A.M., Northwestern University, 1925, 1929, with Honors  
 BESS GLENN, A.B., Converse College, 1926; A.M., Johns Hopkins University,  
 1929, with Honors  
 LOIS ELECTA GOAN, A.B., Lawrence College, 1924; A.M., Northwestern Univer-  
 sity, 1930  
 CLARA LOUISE GUTHRIE, A.B., Hastings College, 1929, with Honors  
 GERTRUDE MARION HANSEN, A.B., University of Wisconsin, 1931  
 ANNIE RUTH HARDIN, A.B., 1931, with High Honors  
 MARY ELIZABETH HAUSE, A.B., University of Louisville, 1930  
 RUTH MIRIAM HEISS, B.S., Purdue University, 1931, with Honors  
 MARIAN ROSE HEMMINGS, A.B., M.S., State University of Iowa, 1925, 1929  
 ESTELLE HOGINS, A.B., University of New Mexico, 1931, with High Honors  
 JOSEPHINE MAY HOSTETTER, Ph.B., Grinnell College, 1907  
 DOROTHY OWEN HURST, A.B., University of Wisconsin, 1931

- CATHERINE LYNN KATTERJOHN, A.B., University of Kentucky, 1931  
 MARY VIRGINIA KENNEDY, A.B., University of Wisconsin, 1931  
 LUCY VERA KEPLER, A.B., Nebraska Wesleyan University, 1930, with Honors  
 ROSE MARIE KERSEY, B.S., 1924  
 ESTHER ELLEN KLEIST, A.B., University of Minnesota, 1918, with Honors  
 MILDRED VICTORIA KRESS, A.B., Macalester College, 1926, with High Honors  
 MAYBELLE AMANDA LELAND, A.B., North Dakota State Teachers College (Mayville), 1928  
 JULIA MABEL LIND, B.S., Rockford College, 1921  
 AVIS WINNIFRED LINDERMAN, A.B., Ripon College, 1917; A.M., University of Wisconsin, 1927  
 RALPH WENDELL MCCOMB, Ph.B., University of Chicago, 1929, with Honors  
 LOUISE ALCESTA McDONOUGH, A.B., Whittier College, 1931  
 ALICE MAY MACMAHON, A.B., University of Missouri, 1931  
 EDNA MILLER, A.B., Indiana Central College, 1928  
 ELIZABETH LEWIS MILLER, A.B., Mississippi State College for Women, 1930  
 ERNEST IVAN MILLER, A.B., Elmhurst College, 1931, with High Honors  
 LUCY FAYE MILLER, A.B., Simpson College, 1928  
 CONSTANCE MINES MITCHELL, A.B., Illinois Wesleyan University, 1910; A.M., George Peabody College for Teachers, 1926  
 MARGARET ELEANOR NEELD, B.S., 1926  
 MARION NOBLE, A.B., Mount Union College, 1920  
 ALICE MARGUERITE NORWOOD, A.B., Bradley Polytechnic Institute, 1929, with High Honors  
 KATE ELIZABETH PALMER, A.B., Grinnell College, 1929  
 LUCILE NEDEAN PENDERGAST, B.S., University of Nebraska, 1930  
 ESTHER JUNE PIERCY, A.B., University of Idaho, 1930, with Honors  
 JIMMIE PORTER, B.S., University of Arkansas, 1925, with Honors  
 MARGUERITE EDITH RAHE, A.B., Indiana University, 1931  
 ELIZABETH RANGLES, A.B., Westminster College, 1931  
 MIRIAM BEATRICE REICH, A.B., University of Tennessee, 1931  
 NANNIE HERNDON RICE, A.B., Mississippi State College for Women, 1905; A.M., Columbia University, 1911, with High Honors  
 MARIANNA RIESNER, A.B., Western College for Women, 1928  
 JOHNNIE ELIZABETH RINER, A.B., Lindenwood College, 1931  
 JESSIE MARGARETTE MACINTOSH ROBERTSON, A.B., B.S., University of Nebraska, 1920, 1922  
 ALPHA SMITH ROGERS, B.S., Virginia Normal and Industrial Institute, 1926  
 HENDRINE ROZENDAL, A.B., Dakota Wesleyan University, 1925, with Honors  
 RUTH SHAFTOE, A.B., Indiana University, 1924  
 MILDRED IRENE SHELTON, A.B., Coe College, 1928  
 BETHANIA MERADITH SMITH, A.B., Illinois Wesleyan University, 1925, with Honors  
 SYLVIA ANN SOLINGER, A.B., Lawrence College, 1928  
 CLARA MYRTLE SPRATT, B.S., 1927, with Honors  
 BETTIE PAUL THOMAS, A.B., Washburn College, 1930  
 CLARENCE ARTHUR TILGER, A.B., Hastings College, 1931  
 ELLEN RUNDALL TILGER, A.B., Hastings College, 1927, with Honors  
 ANNE MARYE TREZEVANT, A.B., Randolph-Macon Woman's College, 1930, with High Honors  
 MARGARET HELMSING TUTTLE, A.B., University of Kentucky, 1919  
 GWENDOLIN MATILDE VANDARWARKA, A.B., Lawrence College, 1931  
 LUCILE FAUN VICKERS, A.B., Morningside College, 1923, with High Honors  
 MARGARET LUCY WARDELL, A.B., Carleton College, 1927, with High Honors  
 HELEN LOUISE WERNER, A.B., Lawrence College, 1931  
 SAMUEL AMBROSE WETHERBEE, A.B., Northwestern University, 1926, with Honors  
 HELEN ELIZABETH WHITE, A.B., Ohio Wesleyan University, 1929, with Honors  
 ESTELLA DOROTHY WHITNEY, A.B., University of Oklahoma, 1922; A.M., Stanford University, 1929  
 LOCKWOOD ELON WILEY, A.B., 1931  
 ADA ESTHER WILKIE, A.B., Whittier College, 1929  
 ETHEL JOY WILLIAMS, A.B., Ottawa University, 1916  
 GERALDINE WILLIAMS, A.B., Colorado College, 1931, with Honors  
 ELIZABETH ROSE WILLIAMSON, A.B., State University of Iowa, 1925

EUGENE HOLT WILSON, A.B., Arkansas State Teachers College, 1930  
 RUBY MARIE WILSON, A.B., Indiana University, 1927  
 ELIZABETH ARNOLD WINDSOR, A.B., 1931, with High Honors  
 RUTH EMILY WOOD, A.B., Wheaton College, 1931  
 WINIFRED FINETTE WRIGHT, B.S., 1930

COLLEGE OF EDUCATION  
 Degree of Bachelor of Science

IN EDUCATION

GRACE DOROTHY ALLEN	JEANNE LOUISE CULVER
SYLVESTER LAWRENCE ANTRIM	RICHARD ALDEN DANCEY
HELEN LANIUS APPEGATE	HELEN JEAN DANEK
HELEN MARGRETHE AUGUSTINUS	WILLIAM HENRY DAUBY
BERNICE BALICKAS	FRANCES LESLA DAVISON
JOSEPH SHAWL BARTLUM	PAULINE-VIRGINIA DEGAN
JOE BARTULIS	DORIS LORETTA DENMAN
HARRIET ALICE BAUERBACH	MARY RITA DERENGOWSKI
ANNA EVELYN BEALS	CLARA CATHERINE DIETRICH
ANNA LOUISE BEATTY	ALICE VIRGINIA DONAHUE
NETTIE BELITSKY	ANTHONY LEON DORSCH
MARIAN BELL	THURLOW WEED DRAYER
NAOMI ESTHER BELL	JAMES RICHARD DOWLING EDDY
ROSCOE ROLAND BELL	ROY ELIAS ETNYRE
HAROLD ALBERT BENNETT	BURNELL JOHN FARNAN
LEANDER WOLLER BINNA	DOROTHY DENTON FARRAR
JOSEPH JOSIAH BLACKMORE	GEORGE SAMUEL FENCL
EVA BELLE BLAIR	SOL C FIERBERG
FRANK JOHN BLAZINA	FLORENCE BERTHA ROSE FILIPPI
SARA MOFFAT BLOMQUIST, with Honors in Mathematics	THELMA MARIE FISH
RUTH ANN BLUMENKAMP, with High Honors in German	HARRY LEON FLAGG
RICHARD LEROY BOBLENZ	KATHRYN ELIZABETH FRANCIS
ROBERT LEE BORDNER	JOSEPH DUTRA FRIEND
ESTHER MAY BOTTENFIELD	HUBERT VERNON GARDNER
MARY JOSEPHINE BRENNAN	EDWARD FRANK GBUR
BARBARA JEAN BROOKS	GRACE GHOLSON
LOUISE ABRA BROWN	MARY ELIZABETH GLYNN
ROSEMARY ENGLISH BROWN	MYLA MOLLIE GOLDBERG
HELEN VERONICA BUINO	EDITH LILLIAN GOTT
MARY LOUISE CAMERON, with High Honors in Education	MARCELLINE ELIZABETH GOUGLER
JOHN ANGELINO CARLINO	MARVEL DORENE GRAFF
GINO AMERICO CARMOLLI	FRANCES GERTRUDE GREEN
LUCILE YEATES CARREL	MARVIN LEROY HADAM
DOROTHY ELISABETH CASE	ELEANOR HALL
BRUCE WHITLOW CATLIN	BESSIE ESTELLE HALLBERG
EVELYN ALICE CHADWICK	ESTHER JANE HARDWICK
HELEN MARGARET CHAMBERS	THELMA ELIZABETH HARSHBARGER, with High Honors in Mathematics
BETTY ROSA CHAMPION	WILLMORE BROWNING HASTINGS
WATTS WAGNER CHANCE	ELLSWORTH MATHEW CHARLES HAZZARD
VERNON RUDOLPH CHARLSON	MARGARET ELIZABETH HEARTT
ERNEST PATRICK CHATTIN	KATHRYN FARRANT HEATH
BLANCHE COHEN	VIRGIL CATHERINE HECHT
EDNA MAE COLE	WILHA ELIZABETH HENDERSON
ELEANOR ALICE CONLEY	EVALINE STARR HENSON
MIKE JAY CORBY	HARRY LOWELL HICKS
EMILY IRNO CORNWELL	DOROTHY JEANNE HILL
MANSON CLARENCE COUCH	ELLEN HIXON
MARY ALPHA CROWLEY	VIOLA HELEN HOPKINS
	ANNA LILLIAN HORTON
	BEATRICE NELL HOUZE

- MILTON ROBERT HOWARD  
HELEN NANCY HOWARTH, with Honors  
in History  
MAY PAULINE HUFF  
HARRY HUGO IRVIN  
EARL ALTON JACKSON  
WILLIAM ROY JACKSON  
ELLEN JUNE JONES  
MIRIAM EILEEN JONES  
FRANCES MARIE KAPILLA  
MARY KARPINSKI  
RUTH KARR  
EVERDINE ANN KEATING  
MARGERY FRANCES KENDALL  
EILEEN DOROTHY KENNEALLY  
WENDELL COLLINS KENNEDY  
GRACE ELEANOR KENYON  
ANTON KESZYCKI  
ANTHONY JOSEPH KLANCAR  
ADOLPH ALBERT KLAUTSCH, with High  
Honors in Education  
LESTER THEODORE KNIFKE  
EDWIN JOSEPH KOLFENBACH  
RUDOLPH KOMM  
HENRIETTA ANNETTE KOUTNIK  
JEAN JOSEPHINE KOZELNIAK  
MILDRED KRATOVIL  
HOWARD EDMUND KREIDER  
NORMA ALICE KRULL  
ALICE CHARLOTTE KRUSZCZYNSKI  
RAY ALBERT LAIRD  
JULIUS LAKIN  
DOROTHY ELOUISE LAPIERRE  
NORMA EMMA LARSON  
FRANCES EVELYN LEWIS  
LILLIAN LEE LEWIS  
MABLE MARIE LEWISTROM  
RALPH TAFT LOCKARD, with Honors  
in History  
HARRY MCEVOY LUCAS  
ROLLAND JAMES LUND  
FLOYD WILLIAM LYNCH  
JOSEPH LEE MCADAM  
MARCELLA SHIRLEY McGRANE  
GWENDOLYN McNAUGHTON  
LOLA ENA McNAUGHTON  
STELLA MARY MALONI  
JUANITA RACHEL MARTIN  
RAY EMERSON MARTINIE  
NAOMI WYNINGER MASSEY, with  
Honors in English  
NORA ETHEL MAYHEW  
LEO MICHL, JR.  
LENABELLE MIDDLEKAUFF  
LOUISE PAULINE MIETHE, with  
Honors in Education  
RUSSELL JACOB MINGEE  
RALPH DONALD MOORE  
ADA MOSTCOVY  
MARGARET LOUISE MUETZE  
DONALD CARL MUNCH  
ARTHUR CLARENCE MUNS
- GERALD EMERSON MURCH  
STANLEY NEWTON MURPHY  
EUGENE PAUL MURRAY  
CATHERINE MYERS  
EVERETT WALFRED NELSON  
MURIEL BERNICE NELSON  
MERWIN NOE  
ELIZABETH CONARD NOGGLE  
RAYMOND ELIOT NUSSPICKEL  
JOSEPH ONDRUS  
MELBA PAULENE ORR  
WALTER JOHN OSINSKI  
RUTH EVELYN OSTENSKY  
ELIZABETH GRETCHEN OVERHOLSER  
HELENE ELIZABETH PARKER  
DORA MARIE PASEL, with Honors  
in History  
EDO PASETTO  
RUTH ANNA PASTOR  
PHYLLIS SABEN PENCE  
WARE HOLLIDAY PENDLETON  
ZONA ALICE PENNELL  
HELEN JOSEPHINE PESCI, with  
Honors in French  
MERLE ARNOLD PETERS  
ESTHER EMILY PETERSON  
MARY PETITTI, with Honors in  
Spanish  
THEODORE ROOSEVELT PICKARD  
VIOLA ANTOINETTE PITTMAN  
RUTH KAY POHN  
MAYSIE MIRIAM POWERS  
ROBERT MYRON POWERS  
ALBERT RUSH PUTNAM  
ELVIRA ANNA RAU  
MILDRED LOUISE RAU  
IRENE ELIZABETH REAVY  
ARTHUR ADOLPH REZNY  
EDGAR EUGENE RHODES  
HELEN WILLENA RICE, with Honors  
in Education and in Biology  
HARRY FRED RICHARDS  
ANNA MAY RICHARDSON  
MARION LOUIS RICKERD  
CLARENCE WILLIAM RIESSEN  
BLANCHE VEIGH ROBBINS  
CLEMENTINE CLARA ROBERTS  
ELEANOR BERTHA ROE  
EVELYN MARGUERITE ROGIER  
EDITH ROSENBLUM  
MARGARET ANNE ROSENTHALL  
WILLIAM ALLEN ROSSITER  
BRUCE ROBERT SALTCBURY  
DALE EILEEN SAMUELL, with High  
Honors in Education; Honors  
in History  
EDWARD JOSEPH SAND  
GEORGE FREDERICK SAVAGE, with  
Honors in History  
WALTER HENRY SCHACHENMAN  
ARLENE GERTRUDE SCHIEDENHELM  
ELEANOR ANNA SCHENCK

LOIS EVELYN SCHILDHAMMER  
 ARTHUR FRANK SCHULTZ  
 NORBERT JOHN SEIDER  
 ELEANOR FAY SHAEFFER  
 LEE SHAYKIN  
 WARREN PRESTON SHEPHERD  
 GEORGE MERIDETH SILLING  
 JOHN JOSEPH SIMMONS  
 THOMAS ARKLE SKEELS  
 HAROLD SEYMOUR SKINNER  
 ELWOOD KENNETH SLUSSER  
 INEZ ELLEN SMITH  
 LILLIAN CLEORA SMITH  
 JOSEPH ALBERT SNEDORF  
 SHERMAN PAUL SPARKS  
 ETHEL SPHAR  
 ELOISE MILLS SPURLOCK  
 SIGRID ANN STAHL  
 RICHARD LLOYD STROBEL  
 MARION LOUISE STUART, with Honors  
 in Physical Education  
 STACY MARJORIE SWARD  
 JULIAN MARTINDEL TAYLO  
 BERYL SHENK TAYLOR  
 RUTH THOMAS  
 EUNICE LURA THOMPSON  
 ELEANOR THOMSEN

HAROLD FRANKLIN THORNBURG  
 LOIS TOLMAN  
 HERMAN CHARLES THEODORE TROCH  
 EDWARD ERNEST TRYBAN  
 ANNIE LOIS TURNHAM  
 ANNA MARIE AMELIA TUVADA  
 GLENN LESTER UTTERBACK  
 ANN ELIZABETH VOELKEL  
 EVERETT WADE  
 EDWARD CARL WAHL  
 FRANK HENRY WALKER  
 KATHRYN GEORGIA WALKER  
 WILLIAM HERBERT WALKER  
 ANITA LUCILLE WASCHER  
 ERVIN KINCAID WAX  
 CAROL DOROTHY WEBBER  
 AUDREY JERALDINE WEIS  
 TERESA MARIE WELCH  
 JOHN TILLEY WHITE  
 GENEVIEVE GERALDINE WHITMYER  
 FRANCES LOUISE WHITTAKER  
 FERN MARGARET WIEHLE  
 VIOLETTA JOSEPHINE WILLIAMS  
 HELEN ELIZABETH WILMOT  
 CARL HERBERT WILSON  
 MARY VIRGINIA WRIGHT  
 HAZEL RYDER ZEIGLER

## IN AGRICULTURAL EDUCATION

RALPH MICHAEL OTTO

SHAW TERWILLIGER

## IN HOME ECONOMICS EDUCATION

EMMA EVALINE ANDERSON  
 GENEVIEVE NANCY BATTERTON  
 GRACE HARRIET BEAGLEY  
 RUTH MARIAM BUSCH  
 MARGARET SARTORI BUSHEE  
 FRANCES ANNE COOPER  
 CATHERINE DENNIS  
 ELMA WITTNAM DEY  
 HELEN PEARL GOOLD  
 JULIA ANNE KARTH  
 MARY MACDERMOTT KERN

HELEN VICTORIA LYNN  
 MARY JANICE OSBORNE  
 DOROTHY IRENE ROBERTS  
 ALICE ELIZABETH STONE  
 MARGARET MINOR STOUTENBURG  
 MARY LOUISE STRUBINGER  
 GEORGIA MARY THIEL  
 LUCILLE FLORENCE WARREN  
 CLARA BEAUMAN WILLIAMS  
 LOUISE ARMINA YOUNG

## IN INDUSTRIAL EDUCATION

JOHN OTTO BAUMLER  
 EDWARD OTHELLO CARTER  
 WALDO EMERSON FROHARDT

HARMON DALE ROBERTS, with Honors  
 JAMES ADELBERT SCOTT  
 CHARLES PRENTISS SMITH

## IN MUSIC EDUCATION

MARGUERITE IRENE BIONDI  
 PHYLLIS MARVEL BROWN  
 KATHERINE COLP  
 RHEA VERONA CREWS  
 HELEN KATHRYN GRANGER  
 DOROTHY MARGUERITE HARROWELL  
 WAYNE SNYDER HERTZ  
 ARLENE NAOMI JACKSON

WILLIAM THEODORE LOBLAW  
 VIVIAN SYLVIA MORTENSEN  
 THOMAS IRWIN NALBACH  
 MILDRED ALICE PARKER  
 THOMAS WAYNE PERDUE  
 BARBARA LEE SNIDER  
 EDNA SPRAGUE  
 DORA ESTHER THACKER

## IN PHYSICAL EDUCATION

BRON CONSTANTINE BACEVICH  
 EDWARD DRAKE BURMEISTER  
 PHILIP JAMES FAHS

ROY NATHANIEL GREEN  
 CHARLES FRANCIS MCEUEN  
 JOHN DANIEL SMITH

SCHOOL OF JOURNALISM  
Degree of Bachelor of Science

IN JOURNALISM

MARY KATHERINE ADAMS	PHILIP KING LANTZ
RUTH EUGENIA ASHMORE	JOSEPH MYRON MAGNUSON
HENRY PORTER AVERY	HARRY WIELAND MOODY
WILBUR JAMES BLAKESLEE	AUDREY ANITA MOORE
MARJORY SPANGLER BLATT	GERTRUDE LOUISE O'BRIEN
NORMAN WATSON CALLOW	DOROTHY LOUISE OLIVER
HOWARD SEWELL CARPENTER	ELMIRA BALL O'NEAL
EVA WHEELER DAVIS	DOROTHY IRENE POSVIC
MARJORIE RUTH EHRMAN	THEODORE THOMAS QUINN
BERTHA MARIE ENGER, with Honors	JAMES BARRETT RESTON, JR.
MARY MARGARET FERNHOLZ	RALPH EUGENE SCHOOLEY
MARY JANE FITHIAN	CEDRIC ERROL SCHUMACHER
CLARENCE ALBERT FRAZER, JR.	EDWARD IRWIN SERLIN
HAZEL MARY GARVEY	JAMES ANDREW SHEARER, with Honors
ROY KERMIT GRAHAM	FRANK SPANGLER
FLORENCE LEWIS GRIGSBY	FRED WERNER STEUERNAGEL
ELSTON DAVID HERRON, with Honors	MARY TAYLOR SWARTZ
RUTH GENEVA HITT	JOHN FOSTER TEMPLE
HAROLD BENSON JEWELL	RUTH LOUISE TRUMAN
MORRIS KATZ	WILLIAM KENNETH TURNER
RICHARD PETER KERN	LILLIAN CLARA WALLING
EDWIN FREDERICK KOENIG	

COLLEGE OF FINE AND APPLIED ARTS  
Degree of Bachelor of Science

IN ARCHITECTURE

RENO JOSEPH BIONDI, with Honors	FRANK JOSEPH LAPASSO
CHAUNCEY MASON BUCK	DRIVER BRADSHAW LINDSAY
FAY ABEL CHANEY	WILLIAM FRANK MCVAUGH, JR.
TRACE CHRISTENSON, JR.	KENNETH WOODWARD MILLS
LAWRENCE WALTER CRAWFORD	OSCAR JOHN OGG
ROBERT WARD DURYEE	FRANCIS JOHN ROSE
HERBERT ERENBERG	FRED WILLIAM SALOGGA, with Honors
JOHN JOSEPH FITZPATRICK	KARL RICHARD SCHWARZ
JOHN SCRANTON GLOSSINGER	ROBERT NATHAN SHELEY
ALBERT ALLEN GOULD	FRANK C STOVER, II
MAX GREENBERG	EDWARD JOSEPH STROUGAL
ALVIN EDWARD GRELLINGER, with High Honors	RALPH AUGUSTINE VAUGHN
PHILIP MICHAEL GRENNAN	DONALD FUNK VOGEL
RICHARD EMANUEL HULT	PERRY MORTON WILCOX
FREDERICK THOMAS HYLAND	WALTER VICTOR WUELLNER
FRED DANIEL KAY, with Honors	

IN ARCHITECTURAL ENGINEERING

EDWARD McCARTER ANDERSON	LESLIE FRANK HANSEN
PEYTON BUCKNER BYRNE	PAUL BUEHLER HOLT
LEWIS FRED CONCKLIN	WILLIAM HENDERSON HUNTER
SIGFRID AUGUST DAHLSTROM	TRUXTON FERDINAND KEATING
HERBERT E ELLISON	RICHARD BENSON KITCH, with Honors
JULIUS FRANCIS ELMAN	ELMER H L LANGOHR
EDWARD HENRY ENGLISH	LOUIS LEAF
GEORGE ROBERT FINK, with High Honors	EDWARD ALBERT LEJECK
WEBSTER GAZLEY, II	ALEXANDER LOUIS LEVY, JR.
GEORGE MAURY GROETING	SIDNEY LIPSON

GEORGE GORDON NELSON  
 CHRISTY M NICELY  
 EDWARD OSGOOD  
 TING PAO  
 LOUIS R ROEHM  
 JACK HAROLD SATIN  
 EUGENE JOHN SCHAD  
 JOHN SHERER SHIFF  
 HERBERT N STEIN

HARRY CLAYTON SUTCH  
 GLENN E THIEL  
 BARNEY GASTON TOKARSKY  
 MERTON DORRELL TURLEY  
 WILLIAM WRIGHT VANDERKOLK  
 SAUL S WEINBERG  
 GEORGE M WICKERSHAM  
 ROBERT KLINKERT WILLIAMS

IN LANDSCAPE ARCHITECTURE

EDGAR LESLIE BANNISTER  
 JAMES GORDON BENNETT  
 RALPH S ELLIFRIT, with High  
 Honors  
 H RUSSELL GRIFFITH

VERNON DAVID IRISH  
 LAWRENCE LYMAN LEHMANN  
 GERALD FARRINGTON NELSON  
 FRED HAWS SCHUMACHER, with  
 Honors

IN THE CITY PLANNING OPTION IN LANDSCAPE ARCHITECTURE

THEODORE BARTLEY FORBES

Degree of Bachelor of Music

JAMES NELSON ADAMS  
 HELEN ALEXANDRA BLASZCZENSKI  
 MARCELLA BROWNSON  
 MILDRED CAROL COOK, with High  
 Honors  
 CARMEN SYLVA SIEGEL

JAMES ADOLPH SULLIVAN  
 VIRGINIA B SUMMERS, with High  
 Honors  
 THELMA LOUISE UTTERBACK, with  
 Honors

GRADUATE SCHOOL

Degree of Master of Arts

IN BOTANY

GLADYS CHARLOTTE GALLIGAR, A.B., James Millikin University, 1931  
 MARGARET MARY HUESING, A.B., Rosary College, 1930  
 ESTHER JULIA NISSEN, A.B., Iowa State Teachers College, 1930  
 VERNICE RATHMELL, A.B., 1931  
 FLORENCE DAWSON SMITH, A.B., Grinnell College, 1930

IN CHEMISTRY

JARED HEWES FORD, A.B., Oberlin College, 1931  
 DONALD SHERWOOD FREDERICK, A.B., Miami University, 1931

IN CLASSICS

ALMA KRUSE ANTRIM, A.B., Greenville College, 1917  
 EDNA EATON CRAIN, B.Ed., Southern Illinois State Normal University, 1926  
 CHAUNCEY EDGAR FINCH, A.B., 1930  
 RUTH MARGARET HEALY, A.B., Illinois College, 1929  
 LEVI ROBERT LIND, A.B., 1929  
 PEARL VIOLA MEYER, A.B., 1931  
 MARY MARGARET SAUER, B.Ed., Southern Illinois State Normal University, 1929

IN ECONOMICS

FRANK ANTON BERTETTI, B.Ed., Illinois State Normal University, 1927  
 HOWARD MACDOWELL CAMERON, A.B., Kansas State Teachers College (Pittsburg), 1925  
 THEODORE AUGUST CHRISTIAN HELMREICH, A.B., 1932  
 PEARL MARIE SMITH MAYBACH, A.B., 1931  
 JOHN WILLIAM ROCHE, B.Ed., Illinois State Normal University, 1928  
 HORTIS AUGUSTUS SHAVER, A.B., Ohio University, 1931  
 RUTH SHRIVER, Ph.B., University of Chicago, 1923

## IN EDUCATION

LESTER CLOYD CANNON, B.S., 1920  
 EDNA CARSON, A.B., 1928  
 ROBERT BENJAMIN ERNEST, B.Ed., Illinois State Normal University, 1929  
 RAYMOND WARREN HICKS, A.B., Colgate University, 1907  
 VERNON LEWIS NICKELL, B.Ed., Illinois State Normal University, 1929  
 JOHN WILLIAM PERKINS, B.Ed., Illinois State Normal University, 1929  
 WINIFRED LONG SMITH, B.S., 1927  
 MARY ELIZABETH VON ALMEN, B.S., 1931

## IN ENGLISH

THEODORE PARSONS CAVINS, B.S., 1928  
 CATHARINE FOXEN, A.B., Rosary College, 1931  
 SIBYL FLOWERS JOHNSON, A.B., Shurtleff College, 1920  
 NEVA WHITFORD JONES, A.B., 1922  
 CAROL AIKMAN KLINGER, A.B., Wabash College, 1928  
 EMMA JANE SHEPHERD, A.B., 1930  
 IRENE GERTRUDE WATSON, B.S., James Millikin University, 1929  
 FRED ALMA WISE, B.S., 1931  
 IRMA CLOE WITMORE, A.B., McPherson College, 1922  
 HOWARD EARL WRENCH, B.Ed., Illinois State Normal University, 1928  
 WALTER FRANCIS WRIGHT, B.S., Miami University, 1930

## IN ENTOMOLOGY

PAUL OSBORN RITCHER, A.B., 1931

## IN GEOLOGY

CARL FREDERICK GRUBB, A.B., 1931

## IN GERMAN

MARIE LOUISE BAUER, A.B., James Millikin University, 1931  
 ALICE MARIE MARTIN, A.B., Monmouth College, 1931  
 FLORENCE LOUISE RATHERT, A.B., Butler University, 1931

## IN HISTORY

SELIG ADLER, A.B., University of Buffalo, 1931  
 LORETTA ANGELA ARVIN, A.B., Indiana State Teachers College, 1928  
 WILLIAM ELDON BARINGER, B.S., 1931  
 MURIEL ALICE BARNETT, A.B., Illinois Woman's College, 1930  
 ROBERT GEHLMAN BONE, A.B., Wooster College, 1928  
 MABEL MARION GOFF, A.B., Knox College, 1931  
 MARY LOUISE IRVIN, A.B., 1931  
 ELI GILBERT LENTZ, A.B., Indiana University, 1930  
 MYRTLE CHRISTINE MILLER, A.B., 1928

## IN LIBRARY SCIENCE

DORIS WILEY ACHELPOHL, A.B., Lindenwood College, 1928; B.S. (Lib.), 1929  
 GRACE FANNIE CRUMPACKER, A.B., McPherson College, 1923; B.S. (Lib.), 1928  
 GERALD HERBERT SANDY, A.B., State University of Iowa, 1928; B.S. (Lib.), 1929  
 ARNOLD HERMAN TROTTER, A.B., Nebraska State Normal School, 1925  
 ELVIN SCHUYLER WARRICK, A.B., Otterbein College, 1921; B.S. (Lib.), 1927  
 HARRIET PROCTOR WIRICK, A.B., University of Wisconsin, 1926; B.S., University of Minnesota, 1929

## IN MATHEMATICS

SISTER MARY ROBERDETTE BURNS, B.A., Clarke College, 1931  
 ALBERT KOEN DENNY, B.S., M.S., Lincoln College, 1907, 1910  
 CARL JOHN LOUIS KLEYENSTUEBER, A.B., Carthage College, 1931  
 ARTHUR WILBUR MEEK, A.B., Illinois College, 1931  
 VIRGINIA MODESITT, A.B., Mt. Holyoke College, 1931  
 MARVIN G MOORE, A.B., University of Arkansas, 1931

## IN POLITICAL SCIENCE

EDWARD LAWRENCE ADAMS, JR., A.B., 1929  
 MARION EDWARD GARDNER, A.B., Berea College, 1931  
 ROBERT CLARK KEOUGH, A.B., North Central College, 1931  
 GILBERT GILLESPIE LENTZ, B.Ed., Southern Illinois State Normal University, 1931

## IN ROMANCE LANGUAGES

FRANCENE AUGUSTA BARTLETT, Ph.B., Shurtleff College, 1931  
 EMILIO COFRESI, A.B., University of West Virginia, 1927  
 FRANCES ELIZABETH HEGGSTROM, A.B., Rockford College, 1931  
 EDNAMAE MCCLELLAND, A.B., 1931  
 HELEN THOMPSON MILLS, A.B., Miami University, 1919  
 MAY ANNE PARSONS, A.B., 1931  
 CAMILLE BARNETT POWER, A.B., James Millikin University, 1922  
 EUNICE MAY SCHMITT, B.S., 1931  
 EVELYN MAE SCHWARZTRAUBER, A.B., Lake Forest College, 1931  
 JOSEPHINE SPANGLER, A.B., Bradley Polytechnic Institute, 1930  
 ERMA MARY VOGELPOHL, Ph.B., Shurtleff College, 1930

## IN SOCIOLOGY

ARTHUR VINCENT HOUGHTON, JR., B.S., 1926

## IN ZOOLOGY

DOROTHY ADELAIDE ALTRINGER, A.B., 1930  
 WILLIAM CARL VAN DEVENTER, A.B., Central College (Missouri), 1930

**Degree of Master of Science**

## IN ACCOUNTANCY

THOMAS HARVEY BEADLES, B.S., 1930  
 KENYON DAVIS BOWES, B.S., 1931  
 GLENN HARRISON BREEN, B.S., 1929  
 WALKER ELLIOTT CAMPBELL, B.S., 1928  
 CLEMA THOMAS GROVE, A.B., B.S., Indiana State Teachers College, 1922, 1926  
 RALPH ORVILLE LINVILLE, B.S., 1931  
 GEORGE DONALD MEID, B.S., Butler University, 1931  
 LOUIS H MELCHER, B.S., 1931  
 MILTON M TROY, B.S., 1931

## IN AGRONOMY

ROBERT WESLEY BILLS, B.S., 1925  
 ARNOLD WILLIAM KLEMME, B.S., University of Missouri, 1925

## IN ARCHITECTURE

ARTHUR BASSIN, B.S., 1931  
 WARREN WILLIAM DAY, B.S., 1910  
 ROBERT VINCENT GOLDSBOROUGH, B.S., Armour Institute of Technology, 1930  
 DRIVER BRADSHAW LINDSAY, B.S., 1931

## IN ARCHITECTURAL ENGINEERING

EDWARD GEORGE SCHAEFER, B.S., 1930

## IN BACTERIOLOGY

ROY ELMER LITWILLER, B.Ed., Illinois State Normal University, 1930  
 AUGUST THERON PERKINS, B.S., 1929

## IN BOTANY

LAURETTA EWING FOX, B.S., Westminster College, 1931  
 OPAL CAMERON HARTLINE, B.S., McKendree College, 1925  
 STELLA ARAMINTA HOLMES, B.Ed., Eastern Illinois State Teachers College, 1930  
 ALBERT SMITH JOHNSON, B.S., Indiana State Teachers College, 1929  
 JAMES MORTON SCHOPP, A.B., University of Wyoming, 1930

## IN BUSINESS ORGANIZATION AND OPERATION

RICHARD MASON BOURNE, B.S., Colorado Agricultural and Mechanical College,  
1931

## IN CERAMICS

JAMES PATRICK BREEN, B.S., 1927

## IN CERAMIC ENGINEERING

ROBERT KARL SMITH, B.S., Alfred University, 1930  
HANS THURNAUER, Dipl. Ing. Technische Hochschule, Berlin, 1931  
DELOS HERSCHEL WAMSLEY, B.S., Alfred University, 1930

## IN CHEMISTRY

WILLIAM DEWAIN ALLERS, B.S., 1931  
WALTER ANTON CARLSON, B.S., 1931  
SHIH LIANG CHIEN, B.S., Tsing Hua University, 1931  
INES ELEANOR CLAYTON, B.S., 1931  
JAMES MARTIN CROSS, B.S., 1931  
JOHN WILLIS CUSIC, A.B., DePauw University, 1931  
JOHN CLIFFORD ECK, B.S., Montana State College, 1931  
DON BRENT FORMAN, A.B., University of Kentucky, 1931  
ROLAND HENRY GOSHORN, A.B., North Manchester College, 1929  
WILLIAM EDWARD HANFORD, B.S., Philadelphia College of Pharmacy and Science,  
1930  
SYLVIA KILTON HICK, B.S., 1928  
DONALD FLETCHER HOLMES, A.B., Amherst College, 1931  
CARROLL EVERETT IMHOFF, B.S., 1931  
EDWARD ARTHUR PARKER, B.S., 1930  
SEYMOUR I PESKIND, B.S., 1931  
RICHARD FORSE PETERSON, B.S., 1931  
ROBERT FREDERICK PETERSON, A.B., University of Montana, 1931  
RODERICK DONALD PINKERTON, B.S., 1931  
JAMES BURBANK REED, B.S., Massachusetts State College, 1927  
WALTER KENNETH ROBINSON, B.S., Lombard College, 1929  
LESTER EDWARD SCHNIEPP, B.S., Illinois Wesleyan University, 1931  
FRANCIS RALPH SCHOLL, B.S., Northwestern University, 1931  
VLADIMIR CHARLES SEKERA, B.S., 1931  
MAX PAUL STALEY, B.S., 1931  
PAUL WOODARD THOMPSON, B.S., 1930  
CLARENCE KALMAN WIESMAN, B.S., 1931

## IN CIVIL ENGINEERING

ALEXANDER JOHN ALBERTIS, B.S., Robert College, 1931  
ALVIN BERTHOLD AUERBACH, B.S., Armour Institute of Technology, 1931  
DAVID JOSEPH BRUMLEY, B.S., 1931  
LOUIS FRANK BURAN, B.S., Carnegie Institute of Technology, 1930  
WILLIAM LEIGHTON COLLINS, B.S., 1928  
RUDYARD MERWIN COOK, B.S., Case School of Applied Science, 1931  
THOMAS JAMES DOLAN, B.S., 1929  
CHARLES OVERTON HARRIS, B.S., 1930  
GEORGE EDGAR JEWETT, B.S., University of Notre Dame, 1929  
MITAT AHMET KASSIM, B.S., Robert College, 1931  
MILO SMITH KETCHUM, JR., B.S., 1931  
GLENN MURPHY, B.S., M.S., University of Colorado, 1929, 1930  
ABRAHAM SAMUEL NEIMAN, B.S., University of Michigan, 1921  
NATHAN MORTIMORE NEWMARK, B.S., Rutgers University, 1930  
PAUL ELLSWORTH NIELSEN, B.S., 1927  
GILBERT CARLETON UNGER, JR., B.S., University of Virginia, 1928  
JOHN NICOLAS VALLIS, B.S., Robert College, 1931  
LIU SHENG WU, B.S., Massachusetts Institute of Technology, 1930

## IN DAIRY HUSBANDRY

RUSSELL JENNINGS RAMSEY, B.S., 1930

## IN ECONOMICS

ROBERT KENTON CONRAD, B.S., 1931  
 RICHARD HARDIN DOWNING, B.S., 1931  
 CHARLES STEWART HAVENS, B.S., 1927  
 SEVERIN PETER LANGHOFF, JR., B.S., 1931  
 PAUL HOMER MOORE, B.S., 1931  
 WILLIAM HOWARD TAYLOR, B.S., 1931

## IN EDUCATION

AUDRA EARL COCKRUM, A.B., 1928  
 FRED ROMAIN PRUSHA, B.S., Coe College, 1917  
 DONALD LEROY QUINTSEY, B.S., 1924  
 DEWEY BERNARD STUIT, B.S., 1931  
 ARNOLD R VON LEHSTEN, B.S., 1924

## IN ELECTRICAL ENGINEERING

ADAM ESSLER ABEL, JR., B.S., 1931  
 WILLIAM CURTIS ADAMS, B.S., 1931  
 WILFRED MARION HESSELBERTH, B.S., 1931  
 HAROLD E KENEIPP, B.S., 1927  
 GEORGE WELLINGTON PICKELS, IV, B.S., 1931  
 MOUSTAFA MEHMED SANTOUR, B.S., Robert College, 1930; M.S., Case School of Applied Science, 1931  
 WILLIAM DWIGHT SHANNON, B.S., 1931  
 DAVID EDGAR WIEGAND, B.S., 1931  
 RICHARD WELLS WORLD, B.S., 1928

## IN ENTOMOLOGY

JOHN HARWOOD EVANS, B.S., 1923

## IN FARM ORGANIZATION AND MANAGEMENT

MARSHALL DEES HARRIS, B.S., University of Kentucky, 1926  
 LLOYD VINCENT SHERWOOD, B.S., 1931

## IN GEOLOGY

GEORGE VINCENT COHEE, B.S., 1931  
 HARRY STEPHEN KILIAN, A.B., 1930  
 EDWIN LESTER MACVEIGH, A.B., 1930  
 JOSEPH MUZZY TREFETHEN, A.B., Colby College, 1931  
 DONALD DESMOND UTTERBACK, A.B., 1930

## IN HOME ECONOMICS

LILLIAN MAE MERRITT, B.S., Eureka College, 1924  
 JANICE MINERVA SMITH, A.B., 1930  
 LUCILLE RANKIN WEBBER, B.S., 1928

## IN HORTICULTURE

ROBERT WILLIAM PATRICK, B.S., 1925  
 BRAYTON LADD WEAVER, B.S., 1925

## IN MATHEMATICS

HENRY WILLIAM TAYLOR, A.B., College of Emporia, 1921; A.M., University of Kansas, 1922

## IN MINING ENGINEERING

YU-LUN CHU, B.S., Pei Yang University, 1925  
 CHING WANG, B.S., Peking National University, 1923

## IN PHYSICS

SAMUEL POUCHER MITCHELL, B.S., 1931  
 MERRILL PAUL RASSWEILER, B.S., Beloit College, 1930

## IN PHYSIOLOGY

OSWALD SIDNEY ORTH, B.S., 1929

## IN RAILWAY ENGINEERING

JEFFERSON CHIN HSIAO, B.S., Chiao-Tung University, 1931  
 TAYLOR-CHIEN LEE, B.S., Shantung Industrial College, 1926; B.S., Purdue University, 1930

## IN THEORETICAL AND APPLIED MECHANICS

PAUL ANDERSEN, B.S., Royal Polytechnic Institute (Copenhagen), 1923  
 JOHN FREDERICK HAAKE, A.B., 1931  
 JAMES CAREY OTHUS, M.E., Cornell University, 1917  
 THOMAS GEER TAYLOR, B.S., 1930  
 HAROLD BERTRAM WISHART, B.S., 1931

## IN TRANSPORTATION

ALBERT CHARLES FRIES, B.S., 1931

## IN ZOOLOGY

JOHN ROBERT BUCHHEIT, B.S., Hamline University, 1929  
 CLARENCE WILLIAM CLANCY, B.S., 1930  
 LOWELL FRED GALBREATH, B.Ed., Southern Illinois State Normal University, 1931  
 DONALD JOHN O'DONNELL, B.S., 1931  
 SIGURD FERDINAND OLSON, B.S., University of Wisconsin, 1920  
 JOE MARION PARKER, A.B., 1930  
 JOHN YIN CHIEH WATT, A.B., State University of Iowa, 1931

## Degree of Master of Architecture

CHARLES ALEXANDER GUNN, B.S., 1892

## Degree of Civil Engineer

RUSSELL ALGER HALL, B.C.E., University of Michigan, 1916; M.S., 1924  
 FREDERIC THEODORE MAVIS, B.S., M.S., 1922, 1926  
 WAYNE RANSOM WOOLLEY, B.S., 1927  
 LEIGH FRANCIS JOSEPH ZERBEE, B.S., 1911

## Degree of Electrical Engineer

ALBERT JAY CLARKSON, B.S., 1916  
 RALPH ROBERT RICHART, B.S., 1927

## Degree of Mechanical Engineer

FRANK BUTLER DOYLE, B.S., 1920; M.S., Cornell University, 1923  
 HARRY JOHN KLOTZ, B.S., 1912  
 MAURICE OLCHOFF, B.S., 1923  
 CHING PONG PEI, B.S., Tangshan Engineering College, 1921; M.S., 1923

## Degree of Doctor of Philosophy

## IN AGRONOMY

HENRY LLOYD BUCKARDT, B.S., M.S., 1926, 1929. Effect of fall, winter and spring seeding on yield, certain plant characters, quality and germination of wheat varieties.

## IN BOTANY

CONSTANTINE JOHN ALEXOPOULOS, B.S., M.S., 1927, 1928. A comparative study of certain pycnidial fungi from *Vitis*.  
 HAROLD ROSS McLARTY, B.A., M.A., McMaster University, 1916, 1920. Perennial canker of apple trees.

## IN CHEMISTRY

CHARLES BRUNNER BECKER, S.B., S.M., University of Chicago, 1928, 1929. The stereochemical properties of 2, 2'-difluoro-6, 6'-dimethoxy-3, 3'-dicarboxy-diphenyl.  
 ALFRED THEODORE BLOMQUIST, A.B., M.S., 1928, 1929. A study of conjugated unsaturated hydrocarbons.

- CLYDE TRAIN CALDWELL, B.S., Earlham College, 1922; M.S., 1923. Growth experiments with mixtures of amino acids.
- KENNETH EDWIN CORRIGAN, B.S., Knox College, 1928; M.S., 1930. I. Diffraction studies with X-rays of long wave length. II. New construction features of X-ray tubes. III. The application of X-rays of high intensity to the study of unstable and changing structures.
- CHARLES HAROLD FISHER, B.S., Roanoke College, 1928; M.S., 1929. Hindered alpha-halo ketones.
- DOROTHEA HAAS, B.A., Mt. Holyoke College, 1928. The transference numbers of some rare earth ions.
- VERNAL RICHARD HARDY, B.S., McKendree College, 1928; M.S., 1930. Chemical reactions in the solid state. Preparation of alkaline earth metal and magnesium perchlorates. Reaction between sulfur and ammonium perchlorate.
- WILLIAM FOLEY HENRY, B.S., M.S., 1929, 1930. Physical properties of salt vapors.
- JUDSON HARRY HOLLOWAY, JR., B.S., M.S., University of Denver, 1924, 1926. The synthesis of benzaldehyde from benzene and carbon monoxide under pressure.
- WILLIAM CHRISTIAN KLINGELHOEFER, JR., B.S., University of Pittsburgh, 1925. Atomic chlorine and its reactions.
- EDWARD MERRILL McMAHON, B.S., Illinois Wesleyan University, 1927; M.S., 1929. A comparison of the methoxyl and fluorine groups in their influence on the restriction of rotation in ortho substituted diphenyls.
- RALPH EDWARD MEINTS, B.S., M.S., Iowa State College, 1927, 1928. Observations on the rare earths: Preparation and properties of Lanthanum Amalgam Lanthanum metal and its structure.
- HOWARD EVERETT MUNRO, B.S., Illinois Wesleyan University, 1928, M.S., 1929. Tetraphenyldiphenylethynylthane.
- PAUL RUSSELL SHILDNECK, B.S., M.S., University of Nebraska, 1928, 1929. Stereochemistry of diphenylbenzenes. Preparation and properties of certain brominated dimesityl-hydroquinones and their derivatives.
- ROGER WOLCOTT STOUGHTON, B.S., M.S., Middlebury College, 1927, 1928. The stereoisomerism of 2, 2', 6-trisubstituted diphenyls.
- GEORGE EDGAR SYMONS, B.S., M.S., 1928, 1930. The anaerobic bacterial hydrolysis of carbohydrates.
- EUGENE HURLBUT WOODRUFF, A.B., Grinnell College, 1926. The preparation and resolution of 2, 2', 4, 4'-tetracarboxy-6, 6'-diphenyl-3, 3'-dipyridyl.
- HAN CHING YUAN, B.S., Tsing Hua University, 1929. I. Stereoisomerism of diphenyls. II. Salts of diiodomethane disulfonic acid. III. Synthesis of 2-mesityl-1, 4-napthoquinone and its derivatives.

#### IN CLASSICS

- KATHARINE SYBIL TUBBS, A.B., Bates College, 1928; A.M., 1930. The Greek versions of Jerome's Life of Saint Paul of Thebes.

#### IN DAIRY HUSBANDRY

- CHARLES ANDREW BROWN, B.S., M.S., Purdue University, 1917, 1920. Recent adjustments to low dairy prices within the dairy industry.
- HAROLD KENNETH WILSON, B.S., 1929; M.S., University of California, 1930. Factors affecting the marketability of fluid milk.

#### IN ECONOMICS

- DAVID MIERS BEIGHTS, A.B., University of Colorado, 1925; M.S., 1927. Financing American rubber manufacturing companies.
- DANIEL BORTH, JR., B.S., University of Kansas, 1927; M.S., 1928. Capitalization of public service corporations. (Its relation to the rate base, the rate of return and service).
- CECIL CLAYTON CARPENTER, B.S., University of Kentucky, 1926; M.S., 1927. Monetary theory in England during the bank restriction period, 1797-1821.

ROBERT PHILLIP HACKETT, B.S., M.S., 1923, 1926. Consolidation in the drug industry.

WILBERT EUGENE KARRENBROCK, A.B., Central Wesleyan College, 1921; B.S., M.S., 1923, 1924. The administration of municipal funds with special reference to Illinois cities.

ERNEST GILMORE LEWIS, A.B., A.M., University of Texas, 1926, 1928. Some contributions of John Sherman to Public and Private Finance, 1855-1881.

KENNETH DEAN LUNEY, A.B., Geneva College, 1924; A.M., 1928. Mr. Justice Brandeis and the problems of labor.

#### IN EDUCATION

MAX DISSETTE ENGELHART, B.S., M.S., 1923, 1926. The problems and techniques of educational research.

#### IN ENGINEERING

RALPH LOUIS SCORAH, B.S., M.S., Purdue University, 1924, 1925. The thermodynamics of detonation with application to mixtures of hydrogen and oxygen.

#### IN ENGLISH

HAROLD HOLLIDAY WATTS, A.B., A.M., 1927, 1928. The intellectual and artistic development of Lord Lytton.

#### IN GEOLOGY

JOHN ARCHER CULBERTSON, A.B., Hanover College, 1921; M.S., University of Chicago, 1924. The paleontology and stratigraphy of the Pennsylvanian strata between Caseyville, Kentucky, and Vincennes, Indiana.

OSCAR EMIL WAGNER, JR., A.B., A.M., 1928, 1929. The paleontology and stratigraphy of the Kaibab limestone.

#### IN GERMAN

MIMI IDA JEHLE, B.E., University of Akron, 1928; A.M., 1929. Das deutsche Kunstmärchen von der Romantik zum Naturalismus. (The German Literary Fairy-tale from Romanticism to Naturalism.)

EMILIE IDA WALZ KUBITZ, A.B., A.M., 1916, 1930. Die Auffassung der Liebe in poetischen Realismus. (The Conception of Love in Poetic Realism.)

JOHN WILLIAM KURTZ, A.B., Wartburg College, 1927; A.M., 1929. Studies in the staging of the German religious drama of the late Middle Ages.

FRITZ MOORE, A.B., University of Akron, 1927; A.M., 1930. The attitude of the older Romantics towards Lessing.

FLORA EMMA ROSS, A.B., James Millikin University, 1910; A.M., Columbia University, 1920. Goethe in France, with special reference to Barres, Bourget, and Gide.

#### IN HISTORY

MARIAN ELIZABETH BAKER, A.B., A.M., 1928, 1929. English factional politics, 1596-1599.

EDWARD VICTOR CARDINAL, A.B., St. Viator College, 1920; A.M., Catholic University of America, 1924. Cardinal Lorenzo Campeggio (1474-1539).

CLARENCE ARTHUR CLAUSEN, A.B., St. Olaf College, 1923; A.M., 1929. Dr. Fridtjof Nansen's work as High Commissioner of the League of Nations.

WADE DEWOOD DAVID, A.B., A.M., University of Minnesota, 1920, 1925. Turkey and the Powers, 1907-1909.

LELAND LIVINGSTON SAGE, A.B., Vanderbilt University, 1922; A.M., 1928. Lord Stratford de Redcliffe and the origins of the Crimean War.

#### IN MATHEMATICS

JOHN HARVEY BUTCHART, B.S., Eureka College, 1928; A.M., 1929. Helices in Euclidean  $n$ -space.

MILES C HARTLEY, A.B., A.M., B.S., 1923, 1924, 1926. Properties of algebraic, plane quintics which are invariant under finite collineation groups.

DANIEL TELL SIGLEY, A.B., A.M., University of Kansas, 1927, 1928. Groups involving a small number of complete sets of conjugates.

#### IN PHYSICS

HAROLD Q FULLER, A.B., Wabash College, 1928; A.M., 1930. The effect of oxygen on the fluorescence and absorption spectra of iodine.

WENDELL HINKLE FURRY, A.B., DePauw University, 1928; A.M., 1930. Molecular energies: The lithium molecule.

CLARENCE DUANE HAUSE, A.B., Cornell College, 1927; A.M., 1929. The band spectrum of potassium hydride.

CLARENCE EDWARD IRELAND, A.B., M.S., 1926, 1928. Valence forces in beryllium hydride.

RALPH EMERSON NUSBAUM, A.B., DePauw University, 1926; M.S., 1929. The magnetic rotation spectra and heats of dissociation of Li<sub>2</sub>, Na<sub>2</sub>, and K<sub>2</sub>.

#### IN POLITICAL SCIENCE

LUCRETIA LITTLE ILSLEY, A.B., Mt. Holyoke College, 1928; A.M., 1929. The administration of mandates by the British dominions.

#### IN PSYCHOLOGY

RICHARD KENNETH COMPTON, A.B., Kalamazoo College, 1926; A.M., University of Michigan, 1929. An experimental and analytical study of organic set.

JOHN BASCOM WOLFE, A.B., Emory and Henry College, 1925; A.M., University of Virginia, 1928. The effect of delayed reward upon learning in the white rat.

#### IN ZOOLOGY

WILLARD MARION GERSBACHER, B.Ed., Southern Illinois State Normal University, 1926; A.M., 1928. The development of stream bottom communities in central Illinois.

DANIEL IRVIN RASMUSSEN, B.S., Brigham Young University, 1928; M.S., 1930. Biotic communities of the Kaibab Plateau.

### *Degrees Conferred June 10, 1932, at Chicago*

#### COLLEGE OF MEDICINE

##### Degree of Bachelor of Science

JOSEPH ALBAUM	WILLARD WILSON FULLERTON
EDWARD RAGNAR ANDERSON	WILLIAM GERNON
JULIUS ARONOW	HYMAN HARRY GOLDSTEIN
ABRAHAM ARONSON	HYMAN SAMSON GORDON
ELI BARD	JOSEPH GODDARD GUSTAFSON
GEORGE WILLIAM ITZWEIRE BARD	HENRY RUSSELL HALL
EDWARD STUART BAXTER	NOEL JOHN HERSHEY
ALFRED PAUL BAY	CLARENCE C HOLOFFE
MARIE KATHERINE BEPKO	THEODORE HOLSTEIN
MAX BERG	LOUIS ALOIS HOLUB
MAXWELL ROBERT BERNSTEIN	JOHN FRANCIS HUFFMAN
EDWARD J BOMZE	MAURICE BERNARD JACOBS
DAVID JOSEPH BROWN	HAROLD KAHN
RICHARD THOMAS CALOSIO	MORRIS KAFLAN
JERRY CHOBOT	JOHN JOSEPH KAZAKEVICH
SIDNEY S COHEN	CHARLES GORDON KEIGWIN
HARRY MYER CRYSTAL	ROBERT EUGENE KRAFT
FRANK BENSON DEARDORFF	IRVING E KRAKOWER
BEN BURT ELSTER	CARL JAMES LEHWALD
HAROLD SAMUEL FEINHANDLER	ROBERT GEORGE LEMON
MARSHALL LOUIS FISHER	MILTON J LEVIN
VINCENT FREDA	ALBERT JOSEPH LEVINE
RALPH WALDO FREEMAN	WILLIAM WAYNE LOCKWOOD
LEON THOMAS FRUIN	WILLIAM FORRESTER MALEY

GLENN ROBERT MARSHALL  
 JOHN HALEY MATHIS  
 WILBUR JUNE MENKE, JR.  
 THOMAS FINN NELSON  
 HARRY H NIERENBERG  
 PAUL JAMES O'BRIEN  
 IRVING BERNARD RICHTER  
 RALPH EUGENE ROSEN  
 DAVID ROSENBLUM  
 HENRY CARL ROSENSTIEL  
 JOHN BERNARD ROTH  
 CHARLES FRANCIS ROW

REUBEN RUBISOFF  
 MILTON MORRIS SCHEFFLER  
 HARRY SCHULTZ  
 HARRY ROBERT SCHWARTZ  
 ROBERT MEYR SHAGAM  
 HAROLD LOUIS SHINALL  
 ALBERT H SLEPYAN  
 ANTON SMERZ  
 PAUL GUSTAV THODE  
 ALEX SOL TULSKY  
 LEONARD V WACHS  
 WALTER JACOB ZEITER

### Certificate in Medicine

BENJAMIN APPELMAN, B.S.  
 EDWARD ARON, Ph.G., B.S.  
 LESTER WHITE BAIRD, B.S.  
 HARRY GREGORY BECKER, B.S.  
 DAVID ANDREW BENNETT, B.S.  
 HARRY BERMAN, B.S.  
 EDWARD CHARLES BERNELL, B.S.  
 WILLIAM EDWARD BRETZ, B.S.  
 FANNIE BUKY, A.B., B.S.  
 THOMAS JOSEPH CONLEY, JR., B.S.  
 WILLIAM JACKSON COPELAND, A.B.,  
 B.S.  
 HOWARD GEORGE DIESNER, B.S.  
 WILLIAM CLAY DINE, JR., B.S., M.S.  
 SAMUEL IRWIN DITKOWSKY, B.S.  
 CLAIRE MAURICE DIXON, B.S.  
 DELMAR EICHLER DOMKE, B.S.  
 RAYMOND FLOWERS DONOVAN, B.S.  
 MURRAY SAYLE DUMONT, Ph.G., B.S.  
 MAURICE IRWIN EDELMAN, B.S.  
 GILBERT HAROLD EDWARDS, A.B., B.S.  
 FRED C ENDRES, B.S.  
 ARTHUR LOYAL ENNIS, B.S.  
 LEON MARIUS ERENBURG, B.S.  
 DANIEL FEIMAN, B.S.  
 ALBERT HYMAN FEINERMAN, B.S.  
 HOWARD ALBERT FINNEY, B.S.  
 JOHN OSCAR FIRTH, B.S.  
 GEORGE HERMAN FLEISCHLI, B.S.  
 JACK GALIN  
 GEORGE CULLOM GEYMER, B.S.  
 JOHN HAMILTON GILMORE, B.S.  
 GEORGE GOLDENBERG, B.S.  
 EPHRAIM FRANK GOODMAN, B.S.  
 LEO JACK GREENBERG, B.S.  
 MILTON HANDELMAN, B.S.  
 IRVING MAURICE HARTER, B.S.  
 RUDOLPH HECHT, B.S.  
 ROBERT GRANTHAM HICKERSON, B.S.  
 BENJAMIN HIGHMAN, B.S.  
 HAROLD MARK HOOVER, B.S.  
 JOSEPH ALLAN HUBATA, A.B.  
 PAUL HURWITZ, B.S., M.S.  
 RUNYON HUNGATE IRVIN, B.S.  
 DAVID SMEATON JAFFRAY, B.S.  
 CHARLES DAVID KANTER  
 CLARENCE FRANCIS KELLY, B.S.  
 ELMER JOSEPH KOCOUR, B.S.

EMANUEL A KOMINIK, B.S.  
 THADDEUS MARION KOPPA  
 HARRY KOTLER, B.S.  
 CLARENCE SAMUEL KRAKOW, B.S.  
 JOHN ALBERT LAYMAN, A.B., B.S.  
 SAMUEL SHELDON LEAVITT, B.S.  
 ABRAHAM LEFF, B.S.  
 JOHN ALFRED LEGIER, B.S.  
 DAVID ALVIN LEMBERG, B.S.  
 DAVID LERNER, B.S.  
 DAVID LEONARD LERNER, B.S.  
 ARTHUR HARRY LEVINE, B.S.  
 BEN WILLIAM LICHTENSTEIN, B.S.  
 LOREN LENNETH LOVE, B.S.  
 MAX BOYD MCQUEEN, B.S.  
 NATHAN ALLEN MASOR  
 ARMAND JEAN MAUZUY, A.B., B.S.  
 ALFRED KARL MEYER, B.S.  
 DAVID SIDNEY MILLER, B.S.  
 JOSEPH SAMUEL MILLER, B.S.  
 BURTIS EDGAR MONTGOMERY, B.S., M.S.  
 MILTON MITCHELL MOSKO, B.S.  
 ALFRED HENRY MOVIUS, JR., B.S.  
 THEODORE JULIUS NEREIM, A.B., B.S.  
 ISADORE M NIMSOVITZ, B.S.  
 MORRIS PHILLIP ORLOFF, B.S.  
 JOSEPH POTYCHA, B.S.  
 THEODORE NEWELL RAFFERTY, B.S.  
 JOHN TODD REYNOLDS, B.S.  
 GEORGE HENRY REZEK, A.B.  
 PAUL MONTEL RICE  
 SAMUEL IRVING RICHMOND, B.S.  
 GEORGE RONSTROM, B.S.  
 MARTIN J ROSENTHAL, B.S.  
 HARRY EDWARD RYAN, B.S.  
 WILLIAM FRANK SAYLE, B.S.  
 AMBROSE DANIEL SCHNEIDER, B.S.  
 ARTHUR HENRY SCHUMACHER, B.S.  
 ARTHUR HENRY SCHWARTZ, B.S.  
 EDWARD EDGAR PARK SEIDMON, A.B.,  
 B.S.  
 VAHEH M SERON, B.S.  
 FRED WILLIAM SEYMOUR, B.S.  
 PAUL LAWRENCE SHALLENBERGER  
 MICHAEL HERSHEL SHUGER, B.S.  
 NORMAN MORISON SHURE, B.S.  
 THELMA RUSSELL SHURTZ, B.S.  
 LEE EDUARDE SIEGEL, B.S.

MAX SINAY, B.S.  
 JOSEPH STAGMAN, B.S.  
 WALTER ALFRED STARK, A.B.  
 ISADORE ELIHU STECK, B.S.  
 LOUIS MARK STEINER, B.S.  
 CARL SUGAR, B.S.  
 CECIL EARL TATE, B.S.  
 EDGAR ABNEY THACKER, A.B., B.S.  
 ISADORE LOUIS TUROW, B.S.  
 ISADORE C UDESKY, B.S.  
 FRANK RUDOLPH URBAN, B.S.

HARLEY R VARNEY, B.S.  
 JOHN WILLIAM WALL, B.S.  
 LAVERNE MYRON WALLHEISER, B.S.  
 WILLIAM HESTER WALTON, Ph.B., B.S.  
 LOUIS WEINBERG, B.S.  
 CONSTANTIN FREDERICK WENTE  
 MERRILL JOHN WERNER  
 LORIN DIXON WHITTAKER, A.B., B.S.  
 FINIS ELLSWORTH WILSON, B.S.  
 ROBERT BRUCE WILSON, B.S.  
 ADELBERT EARNEST WUESTEMAN, B.S.

### COLLEGE OF DENTISTRY

#### Degree of Bachelor of Science

CHESTER FREDERICK ANDERSON  
 MILTON FIELD ANKER  
 MAX LOUIS BELOGRODSKY  
 BEN BERNARD BLOCK  
 HERMAN HOWARD CRYSTAL  
 JACOB MARTIN GOLDSTEIN  
 HARRY GEORGE GREENSTEIN

ROGER RAYMOND KLEIN  
 FRANK JOSEPH KOS  
 MURRAY MILTZ  
 LISBON HERMAN SCHMEISKE  
 MYRON HALE SHANER  
 VICTOR WITTERT

#### Degree of Doctor of Dental Surgery

JOSEPH LEROY BERNIER  
 LESLIE JOSEPH BRAUN  
 GEORGE LEE CAREY  
 HENRY GAMBALE CERULLI, B.S.  
 CHARLES BENJIEMAN CRONK  
 JACK ARTHUR DECKER  
 JOSEPH ROBERT DICKSON  
 FRANK CARL FABIAN  
 CARL LAWRENCE GREEN  
 GEORGE HANUS, B.S.  
 CECIL DOUGLAS HELMER  
 PETER PAUL IAGMIN, B.S.  
 NATHANIEL ROBERT ISAACS  
 GEORGE SIDNEY JACKS  
 ELMER THEODORE JAFFE  
 FELIX WILHO JOKELA  
 HYMEN KLINGMAN

JOSEPH KOMAREK  
 PAUL HERSHEL LANDERS  
 LEONARD JOSEPH LITVAN  
 DONALD LUDDEN McELROY  
 FREDERIC WILLIAM MAHLKE  
 MILFORD JOHN NELSON  
 HENRY H PARKIN  
 MICHAEL HENRY PAULY, JR.  
 HOWARD MILES ROBERTSON  
 SUREN MANOOG SERON, B.S.  
 JOHN STANLEY SERVINE  
 RALPH HAROLD SKUDSTAD  
 CARL JOHN SOMMERFELD  
 HERBERT PAUL STEINMEYER  
 ROBERT MARSHALL STEPHAN  
 ALFRED EDWARD TOBIASZ, B.S.

### SCHOOL OF PHARMACY

#### Degree of Pharmaceutical Chemist

VERNA MAE ADDERLEY  
 GILBERT SCOTT ANDERSON  
 NICHOLAS ARDEAN  
 JAMES A ARMSWORTH  
 MEYER BACKER  
 JOHN HENRY BAKER  
 HARRY EUGENE BALDWIN  
 STANLEY E BARDO  
 BEN BERNARD BERGER  
 CHARLES BERNARD BERNARDI  
 GEORGE GUNTHER BIDDLE  
 GEORGE EDWARD BOROVICKA  
 JOSEPH JERRY CECH  
 SPAS CHELOVICH  
 JOSEPH L COLEMAN

THOMAS D COOK  
 SEYMOUR COOPERMAN  
 MEYER CRANE  
 HELEN IONE CRIBB  
 THOMAS JOHN CURTIN  
 JOHN BERNARD DANIEL  
 DANIEL T DRAGEL  
 ALOYSIUS DRAZEK  
 RUSSELL EMERSON EASTBURN  
 ELMER FISHER  
 ORVILLE ROBERT FREY  
 EARL M FRIESENECKER  
 WALTER GELETA  
 JOHN CLIFFORD GILES  
 HARVEY GLASS

MAURICE ROBERT GOLDBERG  
 BORIS GOLDEN  
 MYRON GOLDSMITH  
 ARTHUR GOSLIN  
 SEYMOUR E GREENBERG  
 MARY ERMA GVOZDJAK  
 JAY ALLEN HANDLER  
 RALPH MARSHALL HENNINGER  
 HUGO ROBERT HITZELBERGER  
 SAMUEL HOFFEN  
 ELVERA MARIE HOLTON  
 JAMES LEOPOLD HORA  
 CHARLES JOSEPH HORKY  
 ANTHONY WILLIAM HORVAT  
 SIDNEY ISRAELITE  
 RUSSELL ERNEST JOHNSON  
 WILLARD WILLIAM JOHNSON  
 ROY ALLEN JONES  
 CHARLES PETER KAKANAUSKAS  
 GEORGE EDWARD KALINA  
 HENRY SIEBER KEPNER  
 VICTOR HENRY KING  
 NICHOLAS JOHN KIRINCICH  
 FRANCIS KISLA  
 EBERHARD J KLOSTERMANN  
 FRANK LOUIS KOHOUT  
 MILDRED KOROUS  
 EDWARD MUSAF KRINSKY  
 MARYAN JOSEPH KUTZA  
 WILLIAM CHARLES LITTLE  
 HARRY AMBROSE McCANN  
 HARRY MARKOVSKY  
 SALVATORE V MARZULLO  
 JOHN MATTHEW MAZUREK  
 JAMES EDWARD MICHAEL  
 ALEX MILLMAN  
 NICHOLAS MISJUKOWETZ  
 SALVATORE MOTTO  
 MEYER MUTCHNIK  
 DAVID NATHANSON  
 CLARENCE NEWMAN  
 EDWARD NOWAK

ALEXANDER MANUEL ORIS  
 MELVIN F PAPE  
 ALDEN HARRY PERKINS  
 WILLIAM JOSEPH PETRAUSKAS  
 MILTON ERNEST PETRICK  
 ZENON KASIMIR PLOHOCKI  
 JULES PLOTKIN  
 JERRY JOHN POLACEK  
 WILLIAM ESTEL POLEN  
 RALPH F PRATT  
 JOSEPH HERMAN PRESS  
 MAURICE PRESS  
 PETER QUILLMAN  
 ROBERT JAMES REIMERS  
 VINCENT FRANK RINI  
 NATHAN ROSKIN  
 REMO ANTHONY ROSY  
 CHARLES ROZEN  
 EDWARD RUBIN  
 FRANCIS GEORGE RUCKSTUHL  
 JOSEPH ANTON SANDA  
 HAROLD F SAVAGE  
 JOSEPH SCHECHTMAN  
 JAMES SKOR  
 JACK SLOAN  
 LEO SOUKUP  
 EDWARD STANGLE  
 SAM STRAUSS  
 JOHN NICHOLAS TESSITORE  
 IRVING TORGOWNIK  
 MARTIN TRULLI  
 JOSEPH FRANK VACHA  
 OTTO MILES VANEK  
 JOSEPH ROBERT VILLANI  
 VAL WATT  
 JERRY WILLIAM WEDRAL  
 WAYNE BERNHARD WOLTERS  
 HENRY WONG  
 WILLIAM WILKINSON WRIGHT  
 HAROLD EDWARD YOUSSI  
 RUFIN H E ZALESKI  
 ELLEN COHEN (Class of 1931)

#### Certificate in Pharmacy

HAROLD NORMAN COHEN  
 ROY JOSEPH DELHAYE  
 FRANK BERNARD DREXEL  
 DAVID GOLDEN  
 ROSE LILLIAN GORODAZKY  
 JOSEPH GRAIS  
 JACK KAPLAN

BLOSSOM KOHN  
 GEORGE WILLIAM KOTLAN  
 JACK LEVIN  
 JOSEPH EDWARD LOHR  
 SAMUEL EDWARD ROSS  
 LOUIS CHARLES SHERMAN

#### GRADUATE SCHOOL Degree of Master of Science

##### IN ANATOMY

GEORGE NELSON RONSTROM, B.S., 1931

##### IN BACTERIOLOGY

HERBERT ELI McDANIELS, B.S., University of Chicago, 1925

MICHAEL HERSHEL SHUGER, B.S., 1931

## IN ORTHODONTIA

JOHN JAMES HOLUB, D.D.S., 1930  
 LYNN CARTER WILKINSON, D.D.S., 1930

## IN PATHOLOGY

EDWARD CHARLES BERNELL, B.S., 1930  
 RUDOLPH HECHT, B.S., 1930  
 BENJAMIN HIGHMAN, B.S., 1930  
 BEN ZION RAPPAPORT, B.S., M.D., 1920, 1923  
 ARTHUR HAROLD SCHWARTZ, B.S., 1930

## IN PHARMACOLOGY

JOHN OSCAR FIRTH, B.S., Monmouth College, 1921  
 MAX BOYD McQUEEN, B.S., 1930  
 LAWRENCE TEMPLETON, B.S., Oregon State Agricultural College, 1927

## IN PHYSIOLOGICAL CHEMISTRY

S. K. EUGENIA LIEBONER, A.B., Rockford College, 1928  
 MARGARET EUGENIE MILLIKEN, A.B., Colorado College, 1926

## IN PHYSIOLOGY

LUCIUS MATLOCK DILLMAN, B.S., 1931  
 EDGAR ABNEY THACKER, A.B., B.S., 1927, 1930

## IN THERAPEUTICS

MAYNARD KIPLINGER HINE, D.D.S., 1930

*Commissions Presented May 26, 1932*

**Commissions as Lieutenants, Officers' Reserve Corps,  
 United States Army, and as Brevet Captains,  
 Illinois National Guard**

MYRON FRANCIS ADDISON	THEODORE BARTLEY FORBES
RALPH CURTIS ANDERSON	WARREN ELLSWORTH FOX
ROBERT ADAMS BAGLEY	HERBERT LEHMAN GARRISON
ARTHUR CHARLES BASS	HARRY PAUL GOLDMAN
RICHARD BARKER BEAN	ROY NATHANIEL GREEN
CHARLES VIRGIL BELL	FREDERICK WILLIAM HAAKE
GEORGE RAYMOND BERRY	ALLEN EDWARD HABERLE
WILMOT IRVIN BIDNER, JR.	WILLIAM EDWARD HALL
ROBERT ASHLEY BLAKENEY	HAROLD WINFORD HANNAH
FRANK ED BRENCE	LAWRENCE NESS HANSEN
HENRY HANNA BRIGHAM	FRANK CORWIN HAWKINS
JOHN ALGERNON BROOM, JR.	BERTRAM WRIGHT HOARE
JOHN RICHARD CARPENTER	GLENN EDWARD HODGES
WAYNE STEWART CARVER	FRANCIS LEROY HOLLOWAY
ROBERT PLEASANT COTHERN, JR.	HOWARD DEERSON HOLZMAN
QUINTIN JEROME CRAWFORD	LAURENCE ARTHUR HUBBARD
MALCOLM RICHARD DERBY	WILLIAM PERRY JONES, JR.
WILLIAM JOHN DERKSEN, JR.	GEORGE EDWIN KECK
WALLACE VOIGHT DORRIS	ELBERT CYRUS KING
WILBUR HARLAN DOWELL	EVRON MAURICE KIRKPATRICK
FRANKLIN JOHN DVORAK	ARTHUR WILLIAM KOWITZ
KARL FRED EKLUND	LESTER EUGENE KUNI
ROBERT FRANCIS ELRICK	DALE BATEMAN LAWRENCE
GILBERT HOWARD ERB	ALEXANDER LOUIS LEVY, JR.
ROY ELIAS ETRYRE	WILLIAM THEODORE LOBLAW
PHILIP JAMES FAHS	HAROLD RUDY LONG
ROBERT MANN FARIS	HARRY FRANCIS LOVELL
DAVID GORDON FITHIAN	ROBERT CLANAHAN MACCLINCHIE

JOHN MARTIN McCORMICK  
 PAUL KISTLER MACDONALD  
 HARRY NELSON McLAUGHLIN  
 HAROLD ROBERT McNALLY  
 CHARLES ARTHUR MINOT, JR.  
 PARKE DAVIES MORGAN  
 STANLEY NEWTON MURPHY  
 JOHN MARSHALL NASH  
 RICHARD STEPHEN NELLE  
 CHRISTY MAXWELL NICELY  
 VINCENT FREDERICK NIGHTINGALE  
 JOSEPH HAYES PADEN  
 THOMAS REILLY PARKER  
 ROBERT WILLIAM PODLESACK  
 RAYMOND LYLE PORTER  
 CLEMENT EDWARD PRITZ  
 JOHN EMMERSON RENZ  
 CLARENCE FLOYD ROGIER

ROBERT LEE ROSBE  
 HENRY BYRON ROTHENBERG  
 THURSTON JAMES RUDDY  
 EDWARD JOSEPH SAND  
 FREDERICK ALBERT SCHNELL  
 RUSSELL FRED SCOTT  
 NORBERT JOHN SEIDER  
 ROGER THOMAS STEERS  
 ROBERT BECKWITH STIVEN  
 JOHN LESTER SWARNER  
 BERYL SHENK TAYLOR  
 LEO VINCENT TOCKSTEIN  
 MILAN VYDARENY  
 HENRY AUGUST WACHTER  
 JOHN LAFAYETTE WADDELL, JR.  
 MERVYN HICKS WARLOW  
 ROBERT KLINKERT WILLIAMS  
 CHARLES NORMAN WISHART

#### Commissions as Brevet Captains, Illinois National Guard

ANTON KESZYCKI  
 ALWIN STEINMAYER KOLM  
 JEAN EDWARD LATTAN  
 MERRITT WEST MATTHEWS  
 LIB PANICHI

DORN LEROY PETTIT  
 CHARLES VICTOR WALLRAB  
 CLARK WEBBER  
 RAY RENAULT WOOD  
 EUGENE JOSEPH YOCOM

#### GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

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

Simpson, Oliver C., Carr Fellow in Chemistry, for ten months beginning September 1, 1932, at a stipendium of seven hundred fifty dollars (\$750) (this supersedes his previous appointment).

#### APPOINTMENTS MADE BY THE PRESIDENT

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

Burton, A. A., To give instruction in Industrial Chemistry in the Summer Session of 1932, on one-half time, beginning June 20 and ending August 13, 1932, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (May 24, 1932)<sup>1</sup>

Daniloff, Karl Basil, Assistant in Soil Fertility, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for three months beginning June 1, 1932, at a cash compensation at the rate of eighty dollars (\$80) a month (this supersedes his previous appointment). (June 1, 1932)

Dolley, John S., To give instruction in Zoology in the Summer Session of 1932, on one-fifth time, beginning June 20 and ending August 13, 1932, at a cash compensation of fifty dollars (\$50) for the session. (June 9, 1932)

Ewald, Mrs. Ida A., Social Director of the Woman's Residence Hall, beginning July 1, 1932, and continuing until August 31, 1932, at a cash compensation of one hundred thirty dollars (\$130), with maintenance, including living quarters, board, and personal laundry, while on duty. (May 30, 1932)

Reznick, Bronislava Z., Assistant in Ophthalmology, in the College of Medicine, beginning May 16, 1932, and continuing until August 31, 1932, without salary. (May 17, 1932)

Simon, David Charles, Assistant in Internal Medicine, in the College of

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

Medicine, for three months beginning June 1, 1932, without salary. (June 2, 1932)

Van Deventer, W. C., To give instruction in Zoology in the Summer Session of 1932, on three-fifths time, beginning June 20 and ending August 13, 1932, at a cash compensation of one hundred fifty dollars (\$150) for the session. (June 9, 1932)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

EDWARD E. BARRETT  
*President*

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