

## Meeting of July 23, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, beginning at 10 A.M., pursuant to the following notice which was sent out by the secretary on July 15, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, beginning at 10:00 A.M., to consider such matters as the committees of the Board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### BILL FROM UNIVERSITY TREASURER FOR OFFICE EXPENSES.

(1) A bill from Mr. M. W. Busey, Treasurer, for clerk hire and office expense for the period from April 1, 1913, to July 1, 1913, amounting to one hundred fifty dollars (\$150); it appears that the Board of Trustees has never thus far made an appropriation for this purpose, although there is a precedent for the payment of such office expenses of the University treasurer.

On motion of Mrs. Henrotin, the question of the payment of this bill was referred to the Finance Committee, with power to act; the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoyt, Mr. Meeker.

#### PROPOSED EXHIBIT AT THE PANAMA-PACIFIC EXPOSITION.

(2) A request that the University of Illinois send an exhibit to the Panama-Pacific International Exposition to be held in San Francisco in 1915; with the recommendation that this request be referred to the supervising architect for a report as to the desirability of such an exhibit and an estimate of the cost.

There being no objection, it was so ordered.

#### PROPOSED INCREASE OF ENTRANCE REQUIREMENTS OF THE SCHOOL OF PHARMACY.

(3) The following letter from Mr. W. B. Day, Acting Dean of the School of Pharmacy transmitting a recommendation of the Advisory Board of the School of Pharmacy that the entrance requirements of the school be gradually increased until the requirement of high school graduation is reached.

This letter was received to be printed in the minutes:

CHICAGO, ILL., July 3, 1913.

President Edmund J. James, University of Illinois, Urbana, Ill.

DEAR SIR: The annual meeting of the Advisory Board of the School of Pharmacy was held on Friday, June 20. There were present Messrs. Herman Fry, E. H. Ladish, and A. G. C. Ackerman, and the secretary. The affairs of the school were discussed, and the following resolution was unanimously adopted:

"The Advisory Board recommends that the entrance requirements of the School of Pharmacy be increased gradually until high school graduation is reached. We recommend that due notice be given of such increase in requirements so as to permit drug clerks to prepare themselves accordingly."

Respectfully submitted,

W. B. DAY, Secretary.

### APPOINTMENT TO THE ADVISORY BOARD OF THE SCHOOL OF PHARMACY.

(4) A letter from Mr. W. B. Day, Acting Dean of the School of Pharmacy, reporting that the Illinois Pharmaceutical Association at its annual meeting held in Quincy, June 23-27, 1913, nominated the following five persons (whose names appear in the order of the number of votes received) for membership on the Advisory Board of the School of Pharmacy, of which number the trustees should appoint one to fill the vacancy on the Advisory Board caused by the expiration of the term of Mr. S. C. Yeomans on June 30, 1913:

George C. Lescher, Galesburg.  
 Harry W. Schuh, Cairo.  
 B. S. Cooban, Chicago.  
 Joseph Hottinger, Chicago.  
 H. C. Hulze, Chicago.

On motion of Mrs. Busey, it was voted that Mr. George C. Lescher, of Galesburg, be appointed to the Advisory Board of the School of Pharmacy to fill the vacancy resulting from the expiration of the term of Mr. S. C. Yeomans.

### PETTY CASH FUNDS ESTABLISHED.

(5) The following letter from Professor George E. Frazer, Comptroller, concerning the establishment of certain petty cash funds:

URBANA, ILL., July 3, 1913.

*President Edmund J. James, University of Illinois.*

DEAR SIR: Your attention is respectfully called to the desirability of having definite sums set aside by the Board of Trustees as petty cash funds. Such action by the Board of Trustees will make possible clear-cut bookkeeping of cash receipts.

The following petty cash fund appropriations are recommended:

O. E. Staples, Bursar .....	\$5,000 00
W. B. Day, School of Pharmacy .....	250 00
W. H. Browne, College of Medicine .....	300 00
C. G. Hopkins, Department of Agronomy .....	600 00

It is recommended that the above petty cash fund appropriations be made with the understanding that they are to be administered by the comptroller.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

On motion of Mr. Moore, the foregoing recommendation of the comptroller's was approved, and appropriations were made to set aside petty cash funds as recommended. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoyt, Mr. Meeker.

### REGULATIONS WITH RESPECT TO BILLS FOR TRAVELING EXPENSES.

(6) A recommendation based upon a request from Professor George E. Frazer, Comptroller, that the following rules be established with reference to the auditing and passing of vouchers for traveling expenses:

1. Itemized bills in the form prescribed by the comptroller shall be presented to the comptroller for payment within thirty days following the completion of the trip for which the expense was incurred. In the case of University employees whose duties require a large amount of traveling within the State, it shall be deemed sufficient if bills are presented monthly.

2. Traveling expense bills presented by members of the faculties of the several colleges, members of the Experiment Station staffs, and employees of the administration offices of the University, must be approved by the dean of the college, the director of the station, or the officer in charge of the administrative office, and endorsed by the comptroller.

3. Traveling expense bills for deans, directors and officers in charge of administrative departments must be approved by the President of the University and endorsed by the comptroller.

4. Traveling expense bills of the President of the University and of the members of the Board of Trustees must be approved by the Finance Committee of the board and endorsed by the comptroller.

On motion of Mrs. Henrotin, it was voted that the foregoing rules be adopted.

### CONTRACT FOR COMPLETION OF THE ARMORY.

(7) A communication from the supervising architect in regard to the steel work necessary for the completion of the Armory, naming bids and recommending as follows:

## BIDS.

Morava Construction Company, of Chicago.....	\$31,920 00
Kenwood Bridge Company, of Chicago.....	34,750 00
Hansell-Elcock Company, of Chicago.....	33,500 00

(These bids are all based on making the two end bays 30 feet each, and all in accordance with the original framing plans by Mr. J. M. Heuser, Engineer, with certain exceptions indicated in the bids. The State Architect is willing that this work go on under the immediate supervision of the supervising architect, owing to the fact that all plans, etc., were drawn by the preceding State Architect.

## RECOMMENDATION.

That the offer made by the Morava Construction Company for completing the steel work of the end bays of the Armory, being the low bid, be accepted, and that the officers of the board be authorized to enter into a contract with the Morava Construction Company on the basis of this bid of thirty-one thousand nine hundred twenty dollars (\$31,920).

On motion of Mrs. Evans, the foregoing recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

## IMPROVEMENTS IN M. E. SHOPS, APPROPRIATION ASKED.

(8) A request from Professor James M. White, Supervising Architect, for an appropriation of three thousand dollars (\$3,000) for improvements in the shops of the Department of Mechanical Engineering.

No action was taken with reference to this matter.

## EXTENSION OF TIME ON THE FLORICULTURAL AND PLANT BREEDING BUILDINGS.

(9) A request from Messrs. English Brothers, Contractors, of Champaign, for an extension of time for the completion of their contract for the erection of the floriculture and plant breeding buildings from June 28, 1913, to September 1, 1913; with a recommendation from Professor J. M. White, Supervising Architect, that this request be granted.

On motion of Mr. Montgomery, it was voted to grant the request as recommended.

## SYSTEM OF FRESHMAN ADVISERS; APPROPRIATIONS.

(10) The following request from Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, for an appropriation of eighteen hundred dollars (\$1,800) to carry out a system of freshman advisers; accompanied by the recommendation that the plan be tried as an experiment for the coming year:

URBANA, ILL., July 9, 1913.

President E. J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: In compliance with your request some of the details of the system of advisers which we discussed last week are set forth in the following statement. The plan has been discussed also with Dean Clark and with Assistant Dean Warnock.

*Advisers for Freshmen in the College of Liberal Arts and Sciences.*

1. The system proposed is confined to the men of the freshman class for the present.

2. It is in the nature of a supplement to the admirable work now carried on by the dean of men and to the formal relations necessarily arising from supervision of study lists, etc., which will be continued.

3. It contemplates the assignment of each male freshman to some member of the faculty, for the purpose of establishing helpful, friendly, inspiring relations between them.

4. The selection of the members of the faculty will have to be made with extreme care to secure those who are at once mature, sympathetic, scholarly men, who can understand the student point of view, and who are willing to give some time and thought to bettering the present relations between the students and the faculty of the University. Not more than ten or twelve freshmen should be assigned to each adviser.

5. The method of assignment is as important to the success of the plan as is the selection of the advisers. It is hoped to reduce the number of assignments made in a purely arbitrary, perfunctory, or merely official manner by giving large consideration wherever possible to

a. Suggestions of secondary school teachers who know members of the faculty as well as the freshmen, especially teachers who are alumni of the University.

b. Suggestions of members of the family and friends of the freshman, especially brothers or sisters who have attended the University.

c. Preferences of the student based on fortunate experiences of his intimates in the University.

d. Preferences of the advisers themselves for certain students whom they know or whose families they know.

e. Special assignments would probably reach 60 per cent.

6. These suggestions and preferences should be obtained through organized correspondence, which in itself would evidence the increasing interest of the University in the individual welfare of the incoming student as well as its purpose to instruct and guide him in matters academic.

7. While some of the heads of large departments have signified their desire to cooperate in this scheme, the larger number selected will naturally be from among those of the rank of assistant professor, associate, and instructor. These are men on moderate salaries; there will probably be some expense connected with cultivating the desired relationship; the service will be over and above that which has hitherto been expected of instructors. Furthermore, it is desirable to emphasize the special rather than the incidental nature of this service, and at the same time to secure a little special leverage on the advisers.

8. A payment of \$50 to each of the advisers is accordingly suggested, such payment to be made in two installments, one at the end of each semester.

9. Occasional conferences of advisers would be a means of coordinating their efforts and comparing notes on the working of the system.

The total number of men in the freshman class of the College of Liberal Arts and Sciences will probably be about 420. This would seem to require some thirty-five advisers. I request, therefore, that the sum of \$1,800 be appropriated for this experiment in "humanizing the machine" during the coming year.

Respectfully yours,

KENDRICK C. BABCOCK,  
*Dean of the College of Liberal Arts and Sciences.*

Mrs. Henrotin moved that the recommendation that the plan be tried as an experiment for the coming year be approved and that an appropriation of eighteen hundred dollars (\$1800) be made for this purpose.

Mr. Moore moved to amend this motion to provide that the recommendation and the proposed appropriation be referred to the Committee on Students' Welfare, with power to act.

The amendment was passed, and the motion as amended was passed, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

#### LETTERS FROM EDUCATORS WITH REFERENCE TO THE SCHOOL OF EDUCATION BUILDING.

(10) Letters from President John W. Cook, of the Northern Illinois State Normal School at DeKalb, President L. C. Lord, of the Eastern Illinois State Normal School at Charleston, President W. P. Morgan, of the Western Illinois State Normal School at Macomb, Principal J. Stanley Brown, of the Joliet Township High School, and Superintendent J. G. Moore, of Streator, urging that the Board of Trustees proceed at once with the erection of a special building for the School of Education.

These letters were received to be filed.

#### STATEMENT WITH REFERENCE TO THE FEASIBILITY OF HOUSING THE SCHOOL OF PHARMACY IN THE DENTAL COLLEGE BUILDING.

(12) A communication from Mr. W. B. Day, Acting Dean of the School of Pharmacy, and Dr. Frederick B. Moorehead, stating that in their opinion there is sufficient space in the old Dental College Building at the corner of Honore and Harrison streets to house the School of Pharmacy and the College of Dentistry in a satisfactory manner, provided the space can be properly distributed.

This statement was received for record.

At this point, on motion of Mrs. Henrotin, a recess was taken until 2:15 P.M.

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#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

## RULE IN REGARD TO THE NON-EMPLOYMENT OF RELATIVES REPEALED.

Reports of committees being called for, Dr. Montgomery, as chairman of the special committee authorized at the meeting of June 25, 1913 (page 272) to consider proposed revisions of the rule in regard to the non-employment of relatives, presented the following report:

CHICAGO, June 23, 1913.

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

At a meeting of the special committee appointed to recommend modifications of the existing board rules on the employment of relatives of members of the board or of the faculty, the attached resolution was presented by Dr. Montgomery and on motion was adopted for recommendation to the board.

J. T. MONTGOMERY,  
ELLEN M. HENROTTIN.

### RESOLUTION.

WHEREAS, It has been strongly urged upon the attention of the Board of Trustees of the University of Illinois that the rigid enforcement of the present rule concerning the appointment of relatives of the University staff to positions under the board may at times work serious injury to the University by excluding from its staff men of unusual distinction and merit or men especially well qualified for some particular piece of work in teaching, investigation, or administration.

The existing rule reading as follows: (a) In the opinion of the board, all University positions should be kept upon the merit basis. No officer or employee should be removed except for good cause, and whenever an appointment is made it should be made solely with regard to special fitness. (b) The board stamps with its strongest disapproval any disposition to make patronage out of University appointments. The appointment of a relative of a member of the board, or of any other person occupying an influential position in the University, is wholly disapproved. Political, social, fraternal, or church influences are to be altogether ignored, and every appointment must be made upon the merit basis. The president and other officers of the University are to feel fully assured that the trustees will heartily support them in acting upon this principle; therefore, be it

*Resolved*, That that portion of the rule referring to relatives be eliminated from the rule, as well as all constructions of this rule which have been made by the board since the rule was adopted up to the present time, and that the following rule be substituted for it and read as follows:

(a) In the opinion of the board all University positions should be kept on the merit basis. No officer or employee should be removed except for good cause, and whenever an appointment is made it should be made solely with regard to special fitness.

(b) The board stamps with its strongest disapproval any disposition to make patronage out of University appointments. Political, social, fraternal, or church influences are to be altogether ignored, and every appointment must be made upon the merit basis. The President and other officers of the University are to feel fully assured that the trustees will heartily support them in acting upon this principle.

Dr. Montgomery moved the adoption of the foregoing resolution.

President Abbott, the third member of the special committee, having asked Mr. Moore to take the chair, presented the following recommendation as a minority report and moved its adoption as a substitute for the report presented by the majority of the committee.

That the existing rules be modified so that they will not exclude members of the faculty who marry relatives of other members of the faculty.

When, after further discussion, the vote was taken, the motion to substitute the minority report for the report presented by the majority of the special committee was lost, the vote being as follows: Ayes, Mr. Abbott, Mrs. Evans; noes, Mrs. Busey, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

The report of the majority of the special committee as presented by Dr. Montgomery was then adopted, the vote being as follows: Ayes, Mrs. Busey, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, Mr. Abbott, Mrs. Evans; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

At this point Mr. Abbott resumed the chair.

President James asked permission to have it recorded in the minutes that the President of the University, while favoring the modification proposed in his previous recommendation, had opposed the total repeal of the rule with respect to the non-employment of relatives.

## TREASURER'S REPORT.

Mr. Moore, as Chairman of the Finance Committee, presented the report of Mr. M. W. Busey, Treasurer, for the quarter ending June 30, 1913, which was received for record:

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
JUNE 30, 1913.

1913.

		DR.	
April	7.	Received from H. A. Haugan, ex-Treasurer .....	\$818,198 57
	25.	Received from collections, Snyder fund, note and interest, Grant Johnson .....	\$ 113 75
	28.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,463 00
	28.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	14,673 45
	30.	Received from collection, Snyder fund, note and interest, F. Howard Swits .....	135 18
	30.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,250 42
	17.	Received from the Treasurer of the United States, for credit of the Agricultural Experiment Station fund....	7,052 19
	23.	Received from Jos. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	1,037 49
	24.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	358 97
May	2.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	26 44
	2.	Received from collection, Snyder fund, note and interest, Howser .....	150 00
	6.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	4,602 75
	6.	Collection, Snyder fund: Paid on Clarke note .....	10 00
	8.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	363 40
	8.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	954 30
	9.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	619 92
	12.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	245 32
	14.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,276 72
	15.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,052 47
	20.	Received from collection, Snyder fund, note and interest, Anderson .....	164 50
	20.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,592 70
	21.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	3,058 79
	22.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	3,741 56
	24.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	518 74
	31.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,381 13
	2.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	155 00
	2.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	1,015 57
	12.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	954 85
	16.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	201 70
	1.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	26 46
	9.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	1 69
	16.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	5 00
	22.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	5 00
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	11 04
June	2.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,157 21
	3.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	832 45
	5.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	2,152 38

TREASURER'S REPORT—*Concluded.*

1913.

		DR.	
June	7.	Received from O. E. Staples, Chief Clerk, for credit of general fund	\$ 635 89
	9.	Received from O. E. Staples, Chief Clerk, for credit of general fund	363 56
	10.	Received from O. E. Staples, Chief Clerk, for credit of general fund	249 53
	12.	Received from O. E. Staples, Chief Clerk, for credit of general fund	2,430 60
	17.	Received from O. E. Staples, Chief Clerk, for credit of general fund	6,471 18
	17.	Received from O. E. Staples, Chief Clerk, for credit of general fund	2,809 35
	18.	Received from O. E. Staples, Chief Clerk, for credit of general fund	2,846 49
	21.	Received from O. E. Staples, Chief Clerk, for credit of general fund	1,133 35
	26.	Received from O. E. Staples, Chief Clerk, for credit of general fund	1,026 96
	27.	Received from O. E. Staples, Chief Clerk, for credit of general fund	660 18
	28.	Received from O. E. Staples, Chief Clerk, for credit of general fund	671 06
	30.	Received from O. E. Staples, Chief Clerk, for credit of Agricultural Experiment Station fund	826 26
	4.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	155 00
	4.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	1,376 60
	16.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	1,757 70
	18.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	564 85
	20.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	496 00
	28.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	391 29
	10.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	26 18
	24.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	15 00
			<u>\$ 73,901 57</u>
			<u>\$892,100 14</u>

		CR.	
June	30.	By amount paid out of general fund, as per lists of warrants herewith	\$439,125 03
	30.	By amount paid out of Agricultural Experiment Station fund, as per lists of warrants herewith	7,447 80
	30.	By amount paid out of College of Medicine fund, as per lists of warrants herewith	15,724 07
	30.	By amount paid out of School of Pharmacy fund, as per list of warrants herewith	4,255 13
			<u>\$466,552 03</u>
Balances—			
		General fund	\$409,550 14
		Agricultural Experiment Station fund	4,223 68
		College of Medicine fund	8,553 59
		School of Pharmacy fund	3,220 70
			<u>425,548 11</u>
			<u>\$892,100 14</u>

Respectfully submitted,

M. W. BUSEY, *Treasurer.*

## REPORT OF THE FINANCE COMMITTEE IN REGARD TO THE PURCHASE OF LAND.

Mr. Moore, as Chairman of the Finance Committee, presented the following report and recommendation with reference to the purchase of land:

The Finance Committee begs to report that they have not had sufficient time to examine all of the options and proposed tracts of land, nor to consult with the President of the University and the heads of departments.

Your committee advises, however, that, in view of the liberal appropriation for buildings and land purchases, the board should set aside from the amount \$400,000 for the biennium exclusively for land purchase, to provide for the present and partially for the future needs of the University.

We further recommend that, in view of the expiration of the option on the 160 acres of land known as the "Busey tract" on August 1, at \$1,000 per acre,

which option cannot be renewed, and the desirability of owning the 160 acres adjoining the Busey tract on the south, the option price of same being \$600 per acre, the sum of \$256,000 be appropriated at this meeting for the purchase of these tracts, and that the officers of the board be authorized and instructed to purchase these properties for the University at once.

For the consideration of the other tracts, we ask for further time.

ALLEN F. MOORE,  
J. R. TREVETT.

Mrs. Busey moved that the report of the Finance Committee be accepted, that the officers of the board be authorized to close the purchase of the tracts of land recommended by the committee to be purchased, and that the committee be given further time for the consideration of other proposed tracts.

President James presented again a recommendation offered at a previous meeting of the board that the board should provide for a special committee, of which the Governor of the State should be a member, to pass upon the question whether the price proposed for these properties is a reasonable price which the Board of Trustees ought to pay, calling attention to the fact that the so-called "options" were nothing more than offers of the property by the owners at the stated prices, and also urging that putting so much money into land at the present time would seriously embarrass the regular budget for operating expense and the program for the building and equipment.

Mrs. Evans moved that the consideration of Mrs. Busey's motion be deferred until the President of the University shall have presented the salary and buildings budgets.

A roll call was asked for on this motion to defer consideration, which was passed by the following vote: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henriotin, Mr. Moore, Miss Watson; noes, Mrs. Busey, Mr. Montgomery, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mr. Hoyt, Mr. Meeker.

#### DR. MOOREHEAD HEARD WITH REFERENCE TO THE TIME FOR OPENING THE COLLEGE OF DENTISTRY.

At this point Dr. Frederick B. Moorehead was introduced and made a brief statement with reference to the question whether the re-opening of the College of Dentistry should take place October 1, 1913, or should be deferred until October, 1914. Dr. Moorehead stated that, all things considered, it was his opinion that the college should be re-opened October 1, 1913.

#### SALARY BUDGET.

President James then presented the salary budget of the University for the academic year 1913-1914 as follows:

NOTE.—All appointments date from September 1, 1913, unless otherwise explicitly noted; "Indef."—On indefinite tenure, "C. S."—Civil Service appointment.

#### ADMINISTRATIVE OFFICES.

##### Office of the President.

Edmund J. James, President (March 11, 1913-March 9, 1915)....	\$12,000 00
Edward J. Filbey, Private Secretary to the President (12 months)	2,200 00
James H. Kelley, Executive Clerk (C. S.).....	2,200 00
_____, Clerk and Stenographer (vice Jessie A. Smith (C. S.).....	1,200 00
Anna L. Shepard, Stenographer (C. S.).....	1,200 00
Albert R. Lee, Clerk (C. S.).....	1,200 00
Total .....	\$20,000 00

##### Business Office.

George E. Frazer, Professor of Public Accounting and comp- troller (January 13, 1913-January 12, 1916).....	*3,786 45
Lynn E. Knorr, Assistant Comptroller (C. S.).....	1,800 00
Oren E. Staples, Bursar (C. S.).....	1,800 00
Nathaniel Hay, Purchasing Agent (C. S.).....	2,000 00
Marsh E. Thompson, Clerk to Bursar (C. S.).....	1,080 00
Lloyd Morey, Auditor (C. S.).....	1,500 00
Maude E. Meneley, Stenographer (C. S.).....	600 00
Helen I. Buckler, Stenographer (C. S.).....	600 00
Alfred Steitz, Stores Clerk (C. S.).....	1,020 00
_____, Stenographer, vice Strom (C. S.).....	1,020 00

\* \$3,600 per annum to January 13, 1914; \$4,000 after January 13, 1914



**Business Office—Concluded.**

Student help .....	\$ 420 00
_____, Bookkeeper (C. S.) .....	1,020 00
_____, Bookkeeper (C. S.) .....	900 00
_____, Messenger and Delivery Boy (C. S.) .....	400 00
<b>Total .....</b>	<b>\$17,946 45</b>

**Office of the Registrar.**

Charles M. McConnell, Registrar (C. S.; new salary from July 1, 1913) .....	3,000 00
Harrison E. Cunningham, Assistant Registrar (C. S.) .....	2,000 00
Levi A. Boice, Recorder (C. S.) .....	1,500 00
Ira M. Smith, Chief Clerk (C. S.) .....	1,500 00
George P. Tuttle, General Assistant (C. S.) .....	1,200 00
Tabitha J. Broadhurst, Record Clerk (C. S.) .....	900 00
Adelle C. Smith, Stenographer (C. S.) .....	720 00
Gertrude E. Johnson, Stenographer (C. S.) .....	660 00
Allie B. Lamb, Filing Clerk (C. S.) .....	660 00
<b>Total .....</b>	<b>\$12,140 00</b>

**Office of the Dean of Men.**

Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year)—salary under the English Department .....	\$1,800 00
Arthur R. Warnock, Assistant Dean of Men (12 months) .....	600 00
Elmer E. Fiero, Clerk (12 months) .....	1,080 00
Olive F. Saxton, Stenographer (12 months) .....	
<b>Total .....</b>	<b>\$3,480 00</b>

**Office of the Dean of Women.**

_____, Dean of Women, vice Mary E. Fawcett (1 year) ...	2,000 00
_____, Assistant Dean of Women (12 months, beginning August 1, 1913) .....	600 00
Lillian Strong, Stenographer (12 months) .....	600 00
<b>Total .....</b>	<b>\$3,200 00</b>

**Office of the High School Visitor.**

Horace A. Hollister, Professor of Education (Indef.) and High School Visitor (12 months) .....	3,250 00
_____, Assistant (12 months) .....	2,000 00
Winifred L. Amos, Stenographer (C. S.) .....	900 00
<b>Total .....</b>	<b>\$6,150 00</b>

**Office of the Supervising Architect.**

James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year) .....	5,000 00
Henry D. Oberdorfer, Assistant to the Supervising Architect (C. S.; new salary from August 1, 1913) .....	2,500 00
Lockwood J. Towne, Superintendent of Construction (C. S.) .....	2,100 00
Harry Y. Carson, Assistant in Architectural Engineering, Superintendent of Construction (3 months from July 1, 1913) .....	375 00
Ralph L. Kelley, Draftsman (12 months) .....	1,200 00
George E. Wright, Draftsman (C. S., temp.) .....	1,500 00
Elizabeth C. Peel, Stenographer (C. S.) .....	900 00
_____, Lecturer on the Installation and Operation of Mechanical Equipment for Buildings and Assistant Mechanical Engineer (1 year) .....	3,000 00
Joseph A. Morrow, Superintendent of Buildings (C. S.) .....	2,000 00
Evelyn C. Atkinson, Superintendent of Grounds (C. S.) .....	1,700 00
Thomas J. Showers, Carpenter Foreman (C. S.) .....	1,500 00
Chas. Havens, Foreman, Steamfitters (C. S.) .....	1,440 00
Morris Murphy, Foreman, Electricians (C. S.) .....	1,320 00
<b>Total .....</b>	<b>\$24,535 00</b>

**COLLEGE OF LIBERAL ARTS AND SCIENCES.****Office of the Dean.**

Kendric C. Babcock, Dean (Indef.) .....	\$5,000 00
George H. Meyer, Assistant Professor of German (Indef.) and Assistant Dean (1 year) .....	* 250 00
Agnes McGurty, Clerk (C. S.) .....	1,000 00
Mabel Griffith, Record Clerk (C. S.) .....	840 00
Jennie Mathers, Stenographer (C. S.) .....	600 00
<b>Total .....</b>	<b>\$7,690 00</b>

\* As assistant Dean; for salary as Assistant Professor of German, see under the German department

**Art and Design.**

_____, Professor of the History of Art.....	\$4,000 00
Edward J. Lake, Assistant Professor (Indef.).....	2,250 00
Charles F. Kelley, Associate (2 years from September 1, 1913)....	1,800 00
_____, Instructor, vice Isabel Jones (10 months) .....	1,300 00
Mary M. Wetmore, Instructor (10 months) .....	1,500 00
<b>Total</b> .....	<b>\$10,850 00</b>

**Classics.**

Herbert J. Barton, Professor of the Latin Language and Literature (Indef.) and Chairman of the Department (1 year).....	3,500 00
Charles M. Moss, Professor of the Greek Language and Literature (Indef.) .....	3,000 00
William A. Oldfather, Associate Professor (Indef.) .....	3,000 00
Arthur S. Pease, Associate Professor (Indef.) and Curator of the Classical Museum (1 year) .....	3,000 00
Howard V. Canter, Assistant Professor (3 years from September 1, 1913) .....	2,500 00
<b>Total</b> .....	<b>\$15,000 00</b>

**Education.**

William C. Bagley, Professor (Indef.) and Director of the School of Education (1 year) .....	5,000 00
Lotus D. Coffman, Professor (Indef.) .....	3,500 00
Charles H. Johnston, Professor of Secondary Education (Indef.) ..	3,500 00
Lewis F. Anderson, Assistant Professor (3 years from September 1, 1912) .....	2,750 00
Wilford S. Miller, Assistant and Secretary of the School of Education (12 months) .....	1,800 00
Charles L. Harlan, Assistant, on half time (10 months) .....	500 00
_____, Assistant, on half time (10 months) .....	500 00
<b>Total</b> .....	<b>\$17,550 00</b>

**English.**

Raymond M. Alden, Professor (Indef.) and Chairman of the Department (1 year) .....	4,500 00
Daniel K. Dodge, Professor (Indef.) .....	3,250 00
Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year) .....	5,000 00
Stuart P. Sherman, Professor (Indef.) .....	3,700 00
Edward Fulton, Associate Professor (Indef.) .....	2,100 00
Edward C. Baldwin, Assistant Professor (Indef.) .....	2,100 00
Harry G. Paul, Assistant Professor (Indef.) .....	2,500 00
Franklin W. Scott, Assistant Professor (3 years from September 1, 1912), and Secretary of the Department (1 year) .....	2,400 00
Harrie S. V. Jones, Assistant Professor (3 years from September 1, 1912) .....	2,200 00
Thacher H. Guild, Associate (2 years from September 1, 1912) ..	1,500 00
Jacob Zefflin, Associate (2 years from September 1, 1912) .....	1,600 00
Clarence V. Boyer, Instructor (10 months) .....	1,400 00
Herbert L. Creek, Instructor (10 months) .....	1,400 00
Charles H. Woolbert, Associate in Public Speaking and English, vice Ketcham (2 years from September 1, 1913) .....	2,000 00
John C. Jordan, Instructor (10 months) .....	1,000 00
Martha J. Kyle, Instructor (10 months) .....	1,300 00
Arthur J. Tiejc, Instructor (10 months) .....	1,200 00
Gertrude Schoepperle, Instructor (10 months) .....	1,300 00
George F. Wicher, Instructor, vice Painter (10 months) .....	1,100 00
Clarissa Rinaker, Instructor, vice Collins (10 months) .....	1,100 00
Walter A. Buchen, Assistant (10 months) .....	1,500 00
Thomas G. Goodwin, Assistant (10 months) .....	1,000 00
Alta Gwinn, Assistant (10 months) .....	900 00
Sada A. Harbarger, Assistant (10 months) .....	1,000 00
Ruth Kelso, Assistant (10 months) .....	1,000 00
Emerson G. Sutcliffe, Assistant (10 months) .....	1,000 00
Thomas B. Stanley, Assistant, on half time, vice Hollinshead (10 months) .....	500 00
Easley S. Jones, Instructor, vice Hill (10 months) .....	1,200 00
Lew R. Sarett, Assistant (10 months) .....	1,000 00
Marion C. Landee, Assistant, on half time (10 months.) (See also under Physical Training for Women) .....	450 00
Harrison McJohnston, Assistant (10 months) .....	1,200 00
Merwin J. Curi, Instructor, vice Nevins (10 months) .....	1,400 00
_____, Professor of Comparative Literature (one-half year) ..	2,500 00
_____, Tutor in Literature (10 months) .....	500 00
_____, Tutor in Literature (10 months) .....	500 00
_____, Tutor in Literature (10 months) .....	500 00
<b>Total</b> .....	<b>\$58,800 00</b>

**German.**

Julius Goebel, Professor (2 years from September 1, 1912).....	\$3,750 00
Otto E. Lessing, Professor (Indef.) .....	3,500 00
George H. Meyer, Assistant Professor (Indef.) and Assistant Dean of the College of Liberal Arts and Sciences (1 year).....	*2,500 00
Nell C. Brooks, Assistant Professor (Indef.) and Curator of the Museum of European Culture (1 year) .....	2,500 00
George T. Flom, Associate Professor of Scandinavian (Indef.)...	2,800 00
Leonard Bloomfield, Assistant Professor of Comparative Philology and German (3 years from September 1, 1913)—on leave, without salary, 1913-14 .....	2,500 00
_____, Assistant Professor .....	2,500 00
Charles M. Poor, Instructor (10 months) .....	1,500 00
Charles A. Williams, Instructor (10 months) .....	1,500 00
Armin H. Koller, Instructor (10 months) .....	1,300 00
Adolph E. Zucker, Assistant, on half time, vice Blaisdell (10 months) .....	500 00
Philip S. Barto, Instructor (10 months) .....	1,000 00
_____, Instructor, vice Bloomfield (10 months) .....	1,200 00
Felix E. Held, Assistant, on half time (10 months) .....	500 00
_____, Assistant, on half time, vice Blaisdell (10 months)	500 00
<b>Total</b> .....	<b>\$25,550 00</b>

**History.**

Evarts B. Greene, Professor (Indef.) .....	5,000 00
Laurence M. Larson, Professor (Indef.) .....	3,000 00
Clarence W. Alvord, Professor, on half time (Indef.) .....	1,750 00
Albert H. Lybyer, Associate Professor, vice Ford (Indef.) .....	2,800 00
William S. Robertson, Assistant Professor (Indef.) .....	2,500 00
Frederick Duncalf, Assistant Professor, vice Krey (3 years from September 1, 1913) .....	2,500 00
Solon J. Buck, Associate (2 years from September 1, 1913) .....	1,800 00
Arthur C. Cole, Instructor (10 months) .....	1,500 00
Elizabeth P. Brush, Assistant (10 months) .....	900 00
<b>Total</b> .....	<b>\$21,750 00</b>

**Philosophy.**

Arthur H. Daniels, Professor (Indef.) .....	3,500 00
Boyd H. Bode, Professor (Indef.) .....	3,500 00
Queen L. Shepherd, Instructor (10 months) .....	1,100 00
Denton L. Geyer, Assistant (10 months) .....	500 00
<b>Total</b> .....	<b>\$8,600 00</b>

**Political Science.**

James W. Garner, Professor (Indef.) .....	4,000 00
John A. Fairlie, Professor (on leave without salary second half- year 1913-14) (Indef.) .....	†1,750 00
Walter F. Dodd, Assistant Professor (3 years from September 1, 1911) .....	2,300 00
John M. Mathews, Associate (2 years from September 1, 1913)..	1,800 00
_____, Assistant, on half time (10 months) .....	500 00
<b>Total</b> .....	<b>\$10,350 00</b>

**Psychology.**

Madison Bentley, Professor (Indef.) .....	3,250 00
_____, Assistant Professor .....	2,000 00
Arthur H. Sutherland, Associate (1 year) .....	1,800 00
_____, Instructor (10 months) .....	1,000 00
_____, Assistant, vice Spencer, (10 months) .....	900 00
_____, Mechanician (C. S.; 8 months) .....	600 00
<b>Total</b> .....	<b>\$9,550 00</b>

**Romance Languages.**

_____, Professor and Chairman of the Department.....	4,000 00
Thomas E. Oliver, Professor (Indef.) .....	3,000 00
David H. Carnahan, Associate Professor (on leave 1913-1914) (Indef.) .....	1,350 00
John D. FitzGerald, Assistant Professor (Indef.) .....	2,700 00
Jean B. Beck, Assistant Professor (3 years from September 1, 1911) .....	2,000 00
David S. Blondheim, Assistant Professor (3 years from September 1, 1913, at \$2,000 per annum), on leave, without pay, 1913-1914.	
Arthur R. Seymour, Associate (2 years from September 1, 1913) and Adviser to Foreign Students (1 year) .....	2,000 00
Olin H. Moore, Instructor (10 months) .....	1,200 00
John R. Schulters, Assistant, vice Ditchy (10 months) .....	800 00
Thomas G. Wesenberg, Assistant, vice Hendrix (10 months) .....	900 00

\* As Assistant Professor: for additional salary as Assistant Dean, see under office of the Dean.

† Salary for half year; proposed annual salary \$3,500.

**Romance Languages—Concluded.**

Joseph Eppels, Assistant (10 months).....	\$ 900 00
Leslie M. Turner, Associate (2 years from September 1, 1913)...	1,800 00
<b>Total</b> .....	<b>\$20,650 00</b>

**Sociology.**

Edward C. Hayes, Professor (Indef.).....	3,300 00
Arthur J. Todd, Associate (2 years from September 1, 1912)....	1,700 00
<b>Total</b> .....	<b>\$5,000 00</b>

**Courses in Commerce.**

David Kinley, Dean of the Graduate School (1 year), Director of the Courses in Business Administration (1 year), and Professor of Economics (Indef.)—salary under the Graduate School.	
Nathan A. Weston, Assistant Director of Courses in Business Administration (1 year) and Assistant Professor of Economics (Indef.) .....	3,000 00
Maurice H. Robinson, Professor of Industry and Transportation (Indef.) .....	3,000 00
Ernest R. Dewsnap, Professor of Railway Administration (Indef.) .....	3,000 00
Ernest L. Bogart, Professor of Economics (Indef.).....	3,500 00
George E. Frazer, Professor of Public Accounting and Comptroller (January 13, 1913-January 12, 1916)—see under Office of the Comptroller.	
Simon Litman, Assistant Professor of Economics (Indef.).....	2,500 00
_____, Professor of Accountancy .....	4,000 00
_____, Assistant Professor of Accountancy and Business Organization .....	2,500 00
John G. Thompson, Instructor in Economics (10 months).....	1,800 00
_____, Instructor in Economics, on half time (10 months).	700 00
Alva L. Prickett, Assistant, on half time (10 months).....	400 00
_____, Assistant in Commercial Law (10 months).....	400 00
_____, Stenographer (C. S.).....	900 00
<i>Tentative Budget for New Positions.</i>	
_____, new Director of Courses in Business Administration .....	4,500 00
_____, Professor of Economics and Finance or Economics and Statistics .....	3,000 00
_____, Professor of Agricultural Economics.....	3,500 00
<b>Total</b> .....	<b>\$36,700 00</b>

**Astronomy.**

Joel Stebbins, Professor (Indef.).....	3,500 00
Frank W. Reed, Instructor (10 months).....	1,400 00
John D. Bond, Research Assistant (10 months).....	300 00
Student assistance .....	100 00
<b>Total</b> .....	<b>\$5,300 00</b>

**Bacteriology.**

Otto Rahn, Assistant Professor (3 years from September 1, 1913)	2,700 00
Clyde R. Newell, Assistant (10 months).....	850 00
Lawrence V. Burton, Assistant (10 months).....	600 00
Student assistance .....	150 00
<b>Total</b> .....	<b>4,300 00</b>

**Botany.**

William Trelease, Professor (Indef.).....	5,000 00
Charles F. Hottes, Professor of Plant Physiology (Indef.).....	3,000 00
_____, Associate, vice Barrett .....	1,600 00
Stella M. Hague, Instructor (10 months).....	900 00
Walter B. McDougall, Instructor, vice Allee (10 months).....	1,200 00
Rosalie M. Parr, Assistant (10 months).....	800 00
John H. Whitten, Assistant (10 months).....	600 00
Ernest M. R. Lamkey, Assistant, vice Atwell (10 months).....	600 00
Reed O. Brigham, Assistant (10 months).....	600 00
John M. LeCato, Assistant, vice Lamkey and Ludwig (10 months)	600 00
Henry D. Waggoner, Assistant (10 months).....	600 00
Samuel H. Scherfee, Graduate Assistant (10 months).....	300 00
_____, Graduate Assistant (10 months).....	300 00
Robert Fieg, Laboratory Helper (C. S.).....	600 00
Stenographic assistance .....	400 00
<b>Total</b> .....	<b>\$17,100 00</b>

**Chemistry.**

William A. Noyes, Professor and Director of the Chemical Laboratory (Indef.) .....	5,000 00
Samuel W. Parr, Professor of Applied Chemistry (Indef.).....	4,000 00

## Chemistry—Concluded.

Edward Bartow, Professor of Sanitary Chemistry (Indef.) and Director of the State Water Survey (1 year)—salary under State Water Survey.	
Clarence W. Balke, Professor of Inorganic Chemistry (Indef.)..	\$3,000 00
Edward W. Washburn, Professor of Physical Chemistry (Indef.)..	3,500 00
David F. McFarland, Assistant Professor and First Assistant in Chemistry in the Engineering Experiment Station (1 year)—salary \$2,200, paid from Engineering and State Geological Survey funds—see under Engineering Experiment Station.	
George M. Smith, Assistant Professor (2 years from September 1, 1913) .....	2,000 00
Clarence G. Derick, Assistant Professor (2 years from September 1, 1913) .....	2,000 00
Henry C. P. Weber, Assistant Professor (2 years from September 1, 1913) .....	2,000 00
Duncan A. MacInnes, Instructor (10 months).....	1,400 00
George D. Beal, Instructor (10 months).....	1,400 00
Lambert Thorp, Instructor (10 months).....	1,200 00
B. Smith Hopkins, Instructor (10 months).....	1,400 00
Charles G. MacArthur, Instructor (10 months).....	1,500 00
Henry J. Broderson, Instructor, vice McCarthy (10 months).#...	1,200 00
Leslie D. Smith, Instructor, vice Strachan (10 months).....	1,000 00
Stuart J. Bates, Instructor, vice Honovski (10 months).....	1,000 00
_____, Instructor, vice Nelson (10 months).....	1,000 00
Bronislav R. Honovski, Research Assistant, vice Potter (10 months)	800 00
Oliver Kamm, Assistant (10 months).....	600 00
Thomas E. Laying, Assistant, vice Millard (10 months).....	600 00
Harvey P. Corson, Assistant in Sanitary Chemistry (10 months) and Chemist and Bacteriologist in the State Water Survey—salary under State Water Survey.	
George W. Sears, Assistant (10 months).....	600 00
Charles K. Hewes, Assistant (10 months).....	600 00
_____, Assistant, vice Bell (10 months).....	600 00
Scott C. Taylor, Assistant (10 months).....	500 00
Ernest A. Wildman, Assistant, vice Olin (10 months).....	500 00
John W. Read, Assistant (10 months).....	600 00
Bert S. Davison, Assistant (10 months).....	600 00
Chester H. Allen, Assistant, vice Huenink (10 months).....	500 00
Raymond W. Hess, Assistant, vice Dutcher (10 months).....	500 00
Gerritt J. Van Zoeren, Assistant (10 months).....	600 00
Edward W. Engle, Assistant, vice Hirschkind (10 months).....	500 00
_____, Assistant (10 months).....	500 00
_____, Assistant in Glass Blowing, vice Kessler (10 months).....	775 00
Everett H. Taylor, Graduate Assistant, vice Hess (10 months)...	300 00
Robert E. Baker, Graduate Assistant (10 months).....	350 00
Henry J. Welland, Graduate Assistant, vice Schneider (10 months)	350 00
Karl A. Clark, Graduate Assistant (10 months).....	350 00
Juanita E. Darrah, Graduate Assistant, vice Laying (10 months)	300 00
Ross E. Gilmore, Graduate Assistant, vice Owens (10 months)...	300 00
Duane T. Englis, Graduate Assistant, vice Woodward (10 months)	300 00
Ernest F. Carlton, Graduate Assistant, vice Miller (10 months)...	300 00
Clarence Scholl, Graduate Assistant, vice Van Zoeren (10 months)	300 00
Steward D. Marquis, Graduate Assistant, vice Allen (10 months)	300 00
_____, Graduate Assistant, vice Engle (10 months).....	300 00
Theodore R. Ball, Graduate Assistant, vice Wildman (10 months)	300 00
Hebert M. Carter, Graduate Assistant, vice Burton (10 months)	300 00
Edward Wichers, Graduate Assistant, vice Ebersol (10 months)	300 00
Howard D. Valentine, Graduate Assistant (10 months) .....	300 00
Harry C. Kremmers, Graduate Assistant (10 months) .....	300 00
William A. Manuel, Graduate Assistant, vice Gillett (10 months)	300 00
Paul C. Rich, Student Assistant, vice Zoller (10 months).....	100 00
William C. Adams, Student Assistant, vice Kohout (10 months)	100 00
Ralph A. Nelson, Student Assistant, vice Dunham (10 months)...	100 00
Anton Brasil, Student Assistant (10 months) .....	100 00
John D. Snook, Student Assistant, vice Glenz (10 months).....	100 00
George B. Ruby, Student Assistant, vice Taylor (10 months).....	100 00
Carl W. J. Slevart, Student Assistant (10 months) .....	100 00
Joseph Cohen, Student Assistant, vice Simpson (10 months).....	100 00
Alexander Cohn, Student Assistant (10 months) .....	100 00
John M. Janson, Student Assistant, vice Leslie (10 months).....	100 00
Silas A. Braley, Student Assistant, vice Darrah (10 months).....	100 00
_____, Student Assistant (10 months) .....	100 00
Glen S. Skinner, Student Assistant, vice Valentine (10 months)...	100 00
Carl F. Miller, Clerk (C. S.) .....	1,100 00
Mayme L. Smith, Stenographer (C. S.) .....	780 00
Josephine Tyrrell, Stenographer (C. S.) .....	600 00
Albert H. Hull, Assistant Custodian (C. S.) .....	780 00
Charles C. Crawford, Storekeeper (C. S.) .....	780 00
Thomas Peel, Assistant Storekeeper (C. S.) .....	660 00
Clifford E. Dalton, Laboratory Helper (C. S.) .....	600 00
Total .....	\$53,825 00

**Entomology.**

Stephen A. Forbes, Professor (Indef.)	\$1,000 00
Alexander D. MacGillivray, Associate Professor of Systematic Entomology (Indef.)	3,000 00
Justus W. Folsom, Assistant Professor (Indef.)	2,500 00
Hugh Glasgow, Instructor (10 months)	1,200 00
Alvah Peterson, Assistant (10 months)	600 00
Student assistance	600 00
	250 00
<b>Total</b>	<b>\$9,150 00</b>

**Geology.**

Charles W. Rolfe, Professor (Indef.)	3,000 00
William S. Bayley, Professor (Indef.)	3,000 00
Thomas E. Savage, Assistant Professor (3 years from September 1, 1913)	2,500 00
John L. Rich, Instructor (10 months)	1,500 00
Gilbert H. Cady, Assistant, vice Ekblaw (10 months)	600 00
Frank L. Fleener, Assistant (10 months)	400 00
George W. Heitkamp, Assistant (10 months)	400 00
Clarence S. Ross, Assistant, vice Thompson (10 months)	400 00
Student assistance	300 00
<b>Total</b>	<b>\$12,100 00</b>

**Mathematics.**

Edgar J. Townsend, Professor (Indef.)	4,000 00
George Miller, Professor (Indef.)	3,500 00
Henry L. Rietz, Professor of Mathematical Statistics (Indef.) and Statistician in the Agricultural Experiment Station (1 year)	*1,900 00
Charles H. Sisam, Assistant Professor (3 years from September 1, 1911)	2,200 00
James B. Shaw, Assistant Professor (3 years from September 1, 1912)	2,750 00
Arnold Emch, Assistant Professor (3 years from September 1, 1913)	2,250 00
Arthur R. Crathorne, Associate (2 years from September 1, 1912)	2,000 00
Ernest B. Lytle, Associate (2 years from September 1, 1912)	1,800 00
Robert L. Borger, Associate (2 years from September 1, 1913)	1,500 00
Gustav E. Wahlen, Associate, vice Kiernan (2 years from September 1, 1913)	1,400 00
Aubrey J. Kempner, Instructor (10 months)	1,400 00
William W. Denton, Instructor (10 months)	1,400 00
Ellis B. Stouffer, Instructor (10 months)	1,300 00
Josephine E. Burns, Instructor, vice Winger (10 months)	1,000 00
Edward W. Chittenden, Instructor (10 months)	1,200 00
George E. Carscallen, Assistant (10 months)	750 00
Sidney A. Rowland, Assistant (10 months)	600 00
Clarence M. Hebbert, Assistant (10 months)	600 00
Guy W. Smith, Assistant (10 months)	600 00
George Rutledge, Research Assistant (10 months)	600 00
Stenographic assistance	400 00
<b>Total</b>	<b>\$33,150 00</b>

**Physiology.**

William E. Burge, Assistant Professor (1 year)	2,200 00
J. Howard Beard, Instructor (10 months)	1,300 00
Alma J. Neill, Assistant, vice Stanley (10 months)	600 00
Student assistance	250 00
<b>Total</b>	<b>\$4,350 00</b>

**Zoology.**

Henry B. Ward, Professor (Indef.)	5,000 00
Frank Smith, Professor of Systematic Zoölogy (Indef.) and Curator of the Museum of Natural History (1 year)	3,000 00
J. Sterling Kingsley, Professor, vice Carpenter (Indef.)	3,500 00
Charles Zeleny, Associate Professor (Indef.)	3,000 00
Charles C. Adams, Associate (2 years from September 1, 1912)	1,650 00
Harley J. VanCleave, Instructor (10 months)	1,200 00
Ernest C. Faust, Research Assistant (10 months)	600 00
Bessie R. Green, Assistant (10 months)	600 00
Ralph H. Linkins, Assistant, vice Gutherlet (10 months)	600 00
Harry V. Heimbürger, Assistant, vice Van Cleave (10 months)	600 00
Homer E. Chenoweth, Graduate Assistant, vice Hall (10 months)	300 00
Margaret V. Cobb, Graduate Assistant (10 months)	300 00
Horace W. Stunkard, Graduate Assistant (10 months)	300 00
Grace E. Wells, Graduate Assistant, vice Barger (10 months)	300 00

\* For remainder of salary see under Office of the Dean, College of Agriculture and Agricultural Experiment Station.

**Zoology—Concluded.**

Gertrude Johnson, Graduate Assistant, vice Ashley (10 months) ..	\$ 400 00
_____, Graduate Assistant, vice Linkins (10 months) .....	300 00
Student assistance .....	750 00
Stenographic assistance .....	400 00
_____, Custodian, vice Lundquist (12 months) .....	600 00
<b>Total</b> .....	<b>\$23,400 00</b>

**Ceramics.**

Ray T. Stull, Ceramist and Acting Director of the Courses in Ceramics (1 year) .....	3,000 00
Ralph K. Hursh, Instructor (10 months) .....	1,500 00
Barney S. Radcliffe, Instructor (10 months) .....	1,200 00
Robert Back, Assistant, vice Bartells (10 months) .....	1,000 00
Charles C. Rand, Assistant (10 months) .....	800 00
<b>Total</b> .....	<b>\$7,500 00</b>

**COLLEGE OF ENGINEERING.****Office of the Dean.**

William F. M. Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station (1 year)— absent on leave, without salary, 1913-14.	
Charles R. Richards, Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station (1 year) and Professor of Mechanical Engineering—salary under Department of Mechanical Engineering.	
Harvey W. Miller, Assistant Dean of the College of Engineering (1 year) and Assistant Professor of G. E. D. (3 years from September 1, 1913)—salary under Department of General Engi- neering Drawing.	
L. Mae Manspeaker, Clerk of the College of Engineering (C. S.)	\$1,000 00
Stella Lund, Clerk in the office of the College of Engineering (C. S.) .....	660 00
Sara M. Slater, Stenographer in the office of the Dean of the College of Engineering (C. S.) .....	720 00
Myrtle E. Heater, Stenographer in the office of the Dean of the College of Engineering (C. S.) .....	70 00
Marie A. Gordon, Stenographer in the office of the Dean of the College of Engineering (C. S.) .....	660 00
<b>Total</b> .....	<b>\$3,760 00</b>

**Architecture.**

_____, Professor of Architecture, in charge of Department	5,000 00
Nathan C. Ricker, Professor of Architecture (Indef.) .....	3,500 00
Newton A. Wells, Professor of Architectural Decoration, on leave (Indef.) .....	1,250 00
James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year)—see under office of Super- vising Architect.	
_____, Assistant Professor of Architectural Engineering...	3,500 00
_____, Assistant Professor of Architectural Design .....	3,000 00
Charles R. Clark, Associate in Architectural Construction (2 years from September 1, 1913) .....	2,000 00
Robert T. Jones, Instructor in Architecture (10 months) .....	1,600 00
Joseph M. Kellogg, Instructor in Architectural Design (10 months)	1,500 00
Allen H. Kimball, Instructor in Architectural Design (10 months)	1,500 00
Samuel C. Burton, Instructor (10 months) .....	1,400 00
Frederick K. Cowley, Instructor (10 months) .....	1,200 00
James H. Forsythe, Instructor, vice S. F. Kimball (10 months) ..	1,500 00
Angelo B. M. Corrubia, Instructor, vice Jones (10 months) .....	1,600 00
_____, Instructor (10 months) .....	1,800 00
Winifred Fehrenkamp, Instructor in Departmental Library Prob- lems in the Library School and Architectural Librarian (10 months) .....	700 00
<b>Total</b> .....	<b>\$31,050 00</b>

**Civil Engineering.**

_____, Professor in charge of Department .....	5,000 00
Ira O. Baker, Professor (Indef.) .....	4,000 00
_____, Professor of Structural Engineering, vice Dufour ..	3,500 00
Allen B. McDaniel, Assistant Professor (1 year) .....	2,750 00
_____, Assistant Professor of Highway Engineering .....	3,000 00
_____, Assistant Professor of Structural Engineering, vice Malcolm (1 year) .....	2,500 00
James E. Smith, Assistant Professor (3 years from September 1, 1913) .....	1,800 00

**Civil Engineering—Concluded.**

Carroll C. Wiley, Associate (2 years from September 1, 1913)...	\$1,700 00
Neal B. Garver, Associate (2 years from September 1, 1913)....	1,700 00
George W. Pickels, Instructor (10 months).....	1,500 00
William H. Raynor, Instructor (10 months).....	1,300 00
Raymond E. Davis, Instructor (10 months).....	1,200 00
_____, Instructor (10 months).....	1,000 00
Benjamin L. Bowling, Assistant in Cement Laboratory (12 months)	1,000 00
Louise A. Leitz, Clerk (C. S.; 10 months).....	400 00
<b>Total</b> .....	<b>\$32,350 00</b>

**Electrical Engineering.**

_____, Professor in charge of Department, vice Berg.....	5,000 00
Morgan Brooks, Professor (Indef.).....	3,000 00
_____, Professor .....	3,500 00
Ellery B. Paine, Associate Professor (Indef.).....	3,000 00
Edward H. Waldo, Assistant Professor (Indef.).....	2,000 00
John M. Bryant, Assistant Professor (3 years from September 1, 1912) .....	2,750 00
_____, Associate, vice Willson .....	2,000 00
Leonard V. James, Associate (2 years from September 1, 1913) ..	1,600 00
Ira W. Fisk, Associate (2 years from September 1, 1913).....	1,600 00
Frank C. Loring, Instructor (10 months).....	1,300 00
Elizabeth Good, Clerk (C. S.).....	600 00
<b>Total</b> .....	<b>\$26,350 00</b>

**General Engineering Drawing.**

Harvey W. Miller, Assistant Professor (3 years from September 1, 1913) and Assistant Dean of the College of Engineering (1 year) .....	2,200 00
Robert K. Steward, Associate (2 years from September 1, 1913) ..	1,700 00
Francis M. Porter, Associate (2 years from September 1, 1913) ..	1,500 00
Harold O. Rugg, Instructor (10 months).....	1,500 00
Harvey H. Jordan, Instructor (10 months).....	1,400 00
Rufus Carne, Instructor (10 months).....	1,000 00
Walter S. Nelson, Assistant, on half time (10 months).....	300 00
<b>Total</b> .....	<b>\$9,600 00</b>

**Mechanical Engineering.**

Charles R. Richards, Acting Dean of the College of Engineering and Professor, in charge of Department (Indef.).....	5,000 00
George A. Goodenough, Professor of Thermodynamics (Indef.)...	3,500 00
_____, Professor of Experimental Mechanical Engineering .....	3,500 00
Oscar A. Leutwiler, Assistant Professor of Machine Design (Indef.)	2,900 00
Bruce W. Benedict, Director of Shop Laboratories (Indef.)....	3,500 00
Arthur C. Willard, Assistant Professor of Heating and Ventilation (3 years from September 1, 1913).....	2,400 00
John A. Dent, Associate in Mechanical Engineering (2 years from September 1, 1913).....	1,800 00
David L. Scroggin, Instructor in Machine Work (10 months)....	1,200 00
Edgar T. Lanham, Instructor in Forge Work (10 months).....	1,200 00
Frederick Ellis, Instructor in Pattern Making (10 months).....	1,500 00
Harry F. Godeke, Instructor in Mechanical Engineering (10 months) .....	1,300 00
Robert E. Kennedy, Instructor in Foundry Work (10 months)...	1,200 00
Herbert S. Eames, Instructor in Mechanical Engineering (10 months) .....	1,400 00
Arthur B. Domonske, Instructor in Machine Design (10 months)	1,400 00
_____, Instructor in Machine Design, vice Mitchell (10 months) .....	1,300 00
_____, Instructor in Mechanical Engineering, vice Flanagan (10 months) .....	1,100 00
Gustav H. Radebaugh, Instructor in Machine Work (10 months)	1,100 00
Joseph C. Pendleton, Instructor in Foundry Work (10 months)...	1,000 00
James M. Duncan, Assistant in Pattern Making (10 months)....	900 00
Peter J. Rebman, Assistant in Forge Work (10 months).....	800 00
John A. Frisk, Assistant in Mechanical Engineering and Mechanician in M. E. Laboratory (12 months).....	1,100 00
William E. Alley, Mechanician in M. E. Laboratory (C. S.).....	1,020 00
Edward Berbaum, Mechanician in the Shop Laboratories (C. S.)	800 00
Benjamin L. Winchester, Toolroom Attendant in M. E. Laboratory (C. S.).....	600 00
Elmer R. Ellis, Toolroom Attendant in Machine Shop (C. S., temp.) .....	600 00
_____, Toolroom Attendant in Wood Shop, vice Roberts (C. S.) .....	600 00
Harriet L. Postlewait, Clerk (C. S.).....	660 00
<b>Total</b> .....	<b>\$43,380 00</b>



**Mining Engineering.**

Harry H. Stoek, Professor .....	\$5,000 00
_____, Professor .....	4,000 00
_____, Assistant Professor, vice Lincoln (1 year) .....	2,200 00
Stephen O. Andros, Associate, on part time (2 years from September 1, 1913) (see also below) .....	300 00
_____, Instructor, vice Lauer (10 months) .....	1,500 00
_____, Mechanician (C. S.) .....	780 00
Florence A. Nyberg, Clerk (C. S.) .....	600 00
Total .....	\$14,380 00

**Cooperative Investigations of Mining Conditions in Illinois.**

Harry H. Stoek, in charge (see above) .....	
Stephen O. Andros, Field Assistant, on part time (12 months) (see also above) .....	1,800 00

**Municipal and Sanitary Engineering and Theoretical and Applied Mechanics.**

Arthur N. Talbot, Professor of M. and S. E., in charge of T. and A. M. (Indef.) .....	5,000 00
Melvin L. Enger, Assistant Professor, T. and A. M. (3 years from September 1, 1911) .....	2,250 00
_____, Associate, M. and S. E., vice Habermeyer (2 years from September 1, 1913) .....	1,800 00
Virgil R. Fleming, Associate, T. and A. M. (2 years from September 1, 1913) .....	1,800 00
Paul Hansen, Associate, Sanitary Engineering and Engineer in the Water Survey (1 year)—salary under Water Survey .....	
_____, Instructor, T. and A. M., vice Farwell (10 months) .....	1,400 00
Fred B. Seely, Instructor, T. and A. M. (10 months) .....	1,700 00
George P. Boomsliiter, Instructor, T. and A. M. (10 months) .....	1,700 00
Clarence E. Noerenberg, Instructor, T. and A. M. (10 months) .....	1,700 00
_____, Instructor, T. and A. M., vice Millard (10 months) .....	1,400 00
Harrison F. Gonnernan, Instructor, T. and A. M. 10 months) .....	1,500 00
Newton E. Ensign, Instructor, T. and A. M. 10 months) .....	1,500 00
Total .....	\$21,750 00

**Physics.**

Albert P. Carman, Professor (Indef.) .....	5,000 00
_____, Professor .....	4,000 00
Charles T. Knipp, Assistant Professor (Indef.) .....	2,800 00
Floyd R. Watson, Assistant Professor (Indef.) .....	2,750 00
William F. Schulz, Assistant Professor (Indef.) .....	2,200 00
Jakob Kunz, Assistant Professor of Mathematical Physics (3 years from September 1, 1911) .....	2,500 00
Elmer H. Williams, Associate (2 years from September 1, 1912) .....	1,700 00
Glenn A. Shook, Instructor (10 months) .....	1,200 00
Orrin E. Smith, Assistant (10 months) .....	950 00
Lloyd T. Jones, Assistant (10 months) .....	950 00
Oscar A. Randolph, Assistant (10 months) .....	900 00
Earle H. Warner, Assistant (10 months) .....	800 00
Sebastian Karrer, Assistant (10 months) .....	700 00
William H. Bair, Assistant, on part time (10 months) .....	500 00
Jonas B. Nathanson, Assistant, on part time (10 months) .....	500 00
Student assistants .....	600 00
Earl T. Strong, Mechanician and Instrument Maker (12 months) .....	1,260 00
Burt Hayes, Assistant Mechanician (C. S.) .....	840 00
Henry T. Wyninger, Storekeeper (C. S.) .....	720 00
Della M. Rogers, Clerk (C. S.) .....	480 00
Total .....	\$31,350 00

**Railway Engineering.**

Edward C. Schmidt, Professor (Indef.) .....	4,000 00
_____, Assistant Professor .....	3,000 00
Alonzo M. Buck, Assistant Professor of Railway Electrical Engineering (1 year) .....	1,800 00
John M. Snodgrass, Assistant Professor of Railway Mechanical Engineering (3 years from September 1, 1911) .....	2,200 00
Arthur F. Comstock, Associate in Railway Civil Engineering (2 years from September 1, 1913) .....	2,000 00
Milton Ressler, Mechanician, vice McLean (C. S., temp.) .....	960 00
_____, Laboratory Attendant (C. S.) .....	660 00
Bertha G. States, Clerk (C. S.) .....	600 00
Total .....	\$15,220 00

**ENGINEERING EXPERIMENT STATION.**

William F. M. Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station (1 year)—on leave, without salary, 1913-14.

**ENGINEERING EXPERIMENT STATION—CONCLUDED.**

Charles R. Richards, Acting Dean of the College of Engineering, Acting Director of the Engineering Experiment Station, and Professor of Mechanical Engineering—salary under Department of Mechanical Engineering.	
Alfred K. Chittenden, Lecturer on Timber and Timber Resources and Assistant to the Director (12 months) .....	\$2,750 00
Herbert F. Moore, Assistant Professor in Department of T. and A. M. (1 year) .....	2,750 00
Duff A. Abrams, Associate in Department of T. and A. M. (2 years from September 1, 1912) .....	1,800 00
Robert B. Keller, First Assistant in Department of Railway Engineering, vice Marquis (12 months) .....	2,000 00
David F. McFarland, First Assistant in Department of Chemistry and Assistant Professor of Chemistry in the College of Liberal Arts and Sciences (12 months) .....	2,000 00
Willis A. Slater, First Assistant in Department of T. and A. M. (12 months) .....	1,800 00
Trygve D. Yensen, Assistant in Department of Electrical Engineering (12 months) .....	1,600 00
John N. Vedder, Assistant in Department of Mechanical Engineering (12 months) .....	1,600 00
Alonzo P. Kratz, Assistant in Department of Mechanical Engineering (12 months) .....	1,600 00
Harold H. Dunn, Assistant in Department of Railway Engineering (12 months) .....	1,400 00
Katie L. E. Humrichouse, Stenographer (C. S.) .....	600 00
Total .....	\$19,900 00

**COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.****Office of the Dean.**

Eugene Davenport, Dean, College, and Director, Station (1 year) and Professor of Thremmatology, College (Indef.) .....	
Anna C. Glover, Assistant Secretary, Station (12 months) .....	\$6,000 00
Burt E. Powell, Editor of Agricultural Publications, Station (C. S.) .....	1,200 00
Henry L. Rietz, Statistician, Station (1 year) .....	2,300 00
Florence E. Smith, Secretary to the Dean, College (C. S.) .....	*1,200 00
Elmer Roberts, Assistant in Genetics, on part time, Station (12 months) .....	900 00
Total .....	600 00
Total .....	\$12,200 00

**Agricultural Extension.**

Fred H. Rankin, Superintendent of Agricultural Extension (Indef.) and Assistant to the Dean, College (1 year) .....	
Aretas W. Nolan, Assistant Professor, College (Indef.) .....	3,500 00
Albert W. Jamison, Associate, College (2 years from September 1, 1913) .....	2,400 00
Augusta D. Evans, Assistant, College (12 months) .....	2,000 00
Joseph H. Checkley, Assistant, College (12 months) .....	1,000 00
William P. Miller, Assistant, College (12 months) .....	1,000 00
Alice V. Hamilton, Student Record Keeper (C. S.) .....	500 00
Total .....	900 00
Total .....	\$11,300 00

**Agronomy.**

Cyril G. Hopkins, Professor of Agronomy, College, and Chief in Agronomy and Chemistry, Station (Indef.) and Vice-Director, Station (1 year) .....	
Leonard Hegnauer, Professor of Crop Production, College, and Chief in Crop Production, Station (Indef.) .....	5,000 00
Jeremiah G. Mosier, Professor of Soil Physics, College, and Chief in Soil Physics, Station (Indef.) .....	3,000 00
James H. Pettit, Professor of Soil Fertility, College, and Chief in Soil Fertility, Station (Indef.) .....	3,500 00
Louie H. Smith, Professor of Plant Breeding, College, and Chief in Plant Breeding, Station (Indef.) .....	3,000 00
Ora S. Fisher, Assistant Professor of Soil Fertility, College, and Assistant Chief in Soil Fertility, Station (3 years from September 1, 1913) .....	3,200 00
Joseph P. Aumer, Associate in Chemistry, Station (2 years from September 1, 1913) .....	2,500 00
William L. Burlison, Associate in Crop Production, on part time, College and Station (2 years from September 1, 1913) .....	1,800 00
Ira W. Dickerson, Associate in Farm Mechanics, College (2 years from September 1, 1913) .....	1,400 00
	1,600 00

\* For remainder of salary see under department of mathematics.

**Agronomy—Concluded.**

Karl J. T. Ekblaw, Associate in Farm Mechanics, College (2 years from September 1, 1913) .....	\$1,600 00
Axel F. Gustafson, Associate in Soil Physics, College and Station (2 years from September 1, 1913) .....	2,100 00
Sidney V. Holt, Associate in Soil Physics, Station (2 years from September 1, 1913) .....	1,800 00
Ezekiel E. Hoskins, Associate in Soil Fertility, Station (2 years from September 1, 1913) .....	1,800 00
Clarence C. Logan, Associate in Soil Extension, Station (2 years from September 1, 1913) .....	1,800 00
Jay B. Park, Associate in Plant Breeding, Station (2 years from September 1, 1913) .....	1,800 00
Ward H. Sachs, Associate in Chemistry, Station (2 years from September 1, 1913) .....	1,600 00
Harold W. Stewart, Associate in Soil Physics, College and Station (2 years from September 1, 1912) .....	1,800 00
Ernest Van Alstine, Associate in Chemistry, Station (2 years from September 1, 1913) .....	2,100 00
Henry C. Wheeler, Associate in Soil Physics, Station (2 years from September 1, 1913) .....	1,800 00
John E. Whitchurch, Associate in Soil Fertility, Station (2 years from September 1, 1913) .....	1,800 00
Frederick C. Bauer, Associate in Soil Fertility, College and Station (2 years from September 1, 1913) .....	1,600 00
Forest A. Fisher, Instructor in Soil Physics, College, and First Assistant in Soil Physics, Station (12 months) .....	1,200 00
Frank W. Garrett, First Assistant in Soil Fertility, Station (12 months) .....	1,200 00
Walter B. Gernert, Associate in Plant Breeding, Station (2 years from September 1, 1913) .....	1,800 00
Marvin E. Jahr, Instructor in Farm Mechanics, College (10 months) .....	1,400 00
Wilbur R. Leighty, First Assistant in Chemistry, Station (12 months) .....	1,400 00
Gertrude Niederman, Assistant in Chemistry, Station (12 months) .....	1,200 00
Chester O. Reed, Instructor in Farm Mechanics, College (10 months) .....	1,200 00
Frederick M. W. Wascher, First Assistant in Soil Physics, Station (12 months) .....	1,200 00
Albert L. Whiting, Associate in Soil Biology, College and Station (2 years from September 1, 1913) .....	1,800 00
Clinton B. Clevenger, Assistant in the Chemistry of Soils, Station, vice Keller (12 months) .....	840 00
Robert W. Dickenson, Assistant in Soil Physics, Station (12 months) .....	1,000 00
Orr Allyn, Assistant in Crop Production, College and Station (12 months) .....	1,000 00
Leo R. Binding, Assistant in Chemistry, Station (12 months) .....	1,000 00
Earl A. White, Associate in Farm Mechanics, College (2 years from September 1, 1913) .....	2,100 00
Elmer T. Ebersol, Instructor in Crop Production, on part time, College (10 months) .....	600 00
Orland I. Ellis, Assistant in Soil Physics, Station (12 months) .....	840 00
Harrison F. T. Fahrnkopf, Assistant in Soil Fertility, College and Station (12 months) .....	840 00
George E. Gentle, Assistant in Soil Physics, Station (12 months) .....	840 00
Harry C. Gilkerson, Assistant in Soil Fertility, College and Station (12 months) .....	840 00
A. Floyd Heck, Assistant in Soil Fertility, College and Station (12 months) .....	840 00
Howard J. Snider, Assistant in Soil Fertility, College and Station (12 months) .....	840 00
Total .....	\$71,420 00

**Animal Husbandry.**

Herbert W. Mumford, Professor of Animal Husbandry, College, and Chief in Animal Husbandry, Station (Indef.) .....	5,000 00
Walter C. Coffey, Professor of Sheep Husbandry, College, and Chief in Sheep Husbandry, Station (Indef.) .....	3,200 00
John A. Detlefsen, Assistant Professor of Genetics, College, and Assistant Chief in Genetics, Station (3 years from September 1, 1912) .....	2,400 00
James L. Edmonds, Assistant Professor of Horse Husbandry, College, and Assistant Chief in Horse Husbandry, Station (3 years from September 1, 1913) .....	2,500 00
Harry S. Grindley, Professor of Animal Nutrition, College, and Chief in Animal Nutrition, Station (Indef.) .....	3,500 00
Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months) .....	2,000 00
Louis D. Hall, Assistant Professor of Animal Husbandry, College, and Assistant Chief in Animal Husbandry, Station, on leave (3 years from September 1, 1913) .....	1,350 00

**Animal Husbandry—Concluded.**

Henry P. Rusk, Assistant Professor of Cattle Husbandry, College, and Assistant Chief in Cattle Husbandry, Station (3 years from September 1, 1913).....	\$2,500 00
Daniel O. Barto, Associate in Poultry Husbandry, College (2 years from September 1, 1913).....	2,400 00
Walter F. Handschin, Associate in Animal Husbandry, College and Station (2 years from September 1, 1913).....	2,400 00
Walter E. Joseph, Associate in Animal Husbandry, College and Station (2 years from September 1, 1913).....	1,800 00
Harold H. Mitchell, Associate in Chemistry, Station (2 years from September 1, 1913).....	1,600 00
Sleeter Bull, Associate in Animal Nutrition, College and Station (2 years from September 1, 1913).....	1,600 00
Virgil A. Place, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months)....	1,200 00
William H. Smith, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months)....	1,500 00
Wilbur J. Carmichael, Assistant in Animal Husbandry, College and Station (12 months).....	1,100 00
Assistant in Animal Husbandry, on half time, College and Station, vice Case (12 months).....	600 00
Editorial Assistant, Station, vice Perry (12 months).....	1,000 00
John R. Wells, Assistant in Animal Husbandry, College and Station (12 months).....	1,000 00
Francis M. Simpson, Instructor in Animal Husbandry, College and First Assistant in Animal Husbandry, Station (12 months).....	1,600 00
John J. Yoke, Assistant in Animal Husbandry, College and Station (12 months).....	1,000 00
Charles I. Newlin, Assistant in Animal Husbandry, College and Station (12 months).....	1,200 00
<b>Total</b> .....	<b>\$42,450 00</b>

**Dairy Husbandry.**

Harry A. Harding, Professor of Dairy Bacteriology, College, and Chief in Dairy Bacteriology, Station (Indef.).....	5,000 00
Wilbur J. Fraser, Professor of Dairy Farming, College, and Chief in Dairy Farming, Station (Indef.).....	3,500 00
Martin J. Prucha, Assistant Professor of Dairy Bacteriology, College, and Assistant Chief in Dairy Bacteriology, Station (3 years from September 1, 1913).....	2,500 00
Royden E. Brand, Associate in Dairy Husbandry, College and Station (2 years from September 1, 1912).....	2,100 00
Horatio N. Parker, Instructor in Milk Distribution, College, and First Assistant in Milk Distribution, Station (12 months).....	2,400 00
Nelson W. Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures, Station (3 years from September 1, 1913)—at a salary of \$2,500 per annum, on leave without salary, 1913-14.	
Jesse M. Barnhart, Assistant in Chemistry, College, and First Assistant in Chemistry, Station (12 months).....	1,600 00
William T. Crandall, Associate in Milk Production, College and Station (2 years from September 1, 1913).....	1,800 00
Ray S. Hulce, Instructor in Milk Production, College, and First Assistant in Milk Production, Station (12 months).....	1,400 00
Oliver A. Keller, Assistant in Dairy Manufactures, College and Station (12 months).....	1,100 00
LeRoy Lang, Associate in Dairy Manufactures, College and Station (2 years from September 1, 1913).....	2,100 00
Frank A. Pearson, Assistant in Dairy Husbandry, College and Station (12 months).....	1,100 00
Harrison A. Ruehe, Instructor in Dairy Manufactures, College, and First Assistant in Dairy Manufactures, Station (12 months).....	1,600 00
William F. Wells, First Assistant in Milk Distribution, Station (12 months).....	1,600 00
William W. Yapp, Assistant in Dairy Husbandry, College (12 months).....	1,100 00
Ernest M. Clark, Assistant in Dairy Husbandry, Station (12 months).....	900 00
<b>Total</b> .....	<b>\$29,800 00</b>

**Horticulture.**

Joseph C. Blair, Professor of Horticulture, College, and Chief in Horticulture, Station (Indef.).....	5,000 00
Charles S. Crandall, Professor of Pomology, College, and Chief in Plant Breeding, Station (Indef.).....	3,500 00
John W. Lloyd, Professor of Olericulture, College, and Chief in Olericulture, Station (Indef.).....	3,500 00
Charles M. Robinson, Professor of Civil Design, on part time, College (1 year) .....	1,200 00

### Horticulture—Concluded.

Herman B. Dörner, Assistant Professor of Floriculture, College, and Assistant Chief in Floriculture, Station (3 years from September 1, 1911) .....	\$3,000 00
Wilhelm Miller, Assistant Professor of Landscape Horticulture, College (3 years from September 1, 1912) .....	3,000 00
Bethel S. Pickett, Assistant Professor of Pomology, College, and Assistant Chief in Pomology, Station (3 years from September 1, 1912) .....	3,000 00
Ralph E. Root, Assistant Professor of Landscape Gardening, College (2 years from September 1, 1913) .....	2,500 00
Ernest W. Bailey, Associate in Pomology, College, and Associate in Plant Breeding, Station (2 years from September 1, 1913) .....	2,100 00
Simeon J. Bole, Associate in Pomology, College and Station (2 years from September 1, 1913) .....	1,800 00
Charles E. Durst, Associate in Olericulture, College and Station (2 years from September 1, 1913) .....	1,800 00
Lawrence E. Foglesong, Instructor in Landscape Gardening, College (12 months) .....	1,400 00
Arno H. Nehrling, Associate in Floriculture, College and Station (2 years from September 1, 1913) .....	1,800 00
Warren A. Ruth, Associate in Horticultural Chemistry, Station (2 years from September 1, 1913) .....	1,800 00
Oscar S. Watkins, Associate in Horticultural Chemistry, College and Station (2 years from September 1, 1913) .....	2,100 00
Thomas Bregger, First Assistant in Plant Breeding, Station (12 months) .....	1,400 00
John J. Gardner, Instructor in Pomology, College, and Assistant in Pomology, Station (12 months) .....	1,200 00
Alfred J. Gunderson, First Assistant in Pomology, Station (12 months) .....	1,200 00
James Hutchinson, Assistant in Floriculture, Station (12 months) .....	1,200 00
Fred W. Muncie, First Assistant in Floriculture, Station (12 months) .....	1,000 00
George L. Peltier, Assistant in Pathological Floriculture, Station (12 months) .....	1,000 00
Robert W. Hoffman, Instructor in Landscape Design, College (12 months) .....	840 00
Frank A. C. Smith, Instructor in Landscape Design, College (12 months) .....	1,500 00
Charles B. Sayre, Instructor in Olericulture, College, and First Assistant in Olericulture, Station (12 months) .....	840 00
....., Instructor in Landscape Gardening, College (12 months) .....	840 00
Arthur S. Colby, Assistant in Pomology, on part time, College (12 months) .....	720 00
Total .....	\$49,240 00

**Household Science.**

Isabel Bavier, Professor (Indef.) and Director of the Courses in Household Science (1 year).....	3,000 00
Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).....	2,250 00
Cora E. Gray, Associate (2 years from September 1, 1913).....	1,400 00
Helena M. Pincomb, Associate (2 years from September 1, 1913).....	1,600 00
Nina B. Criger, Associate (2 years from September 1, 1913)....	1,400 00
Maud Parsons, Instructor and Director of the Lunchroom (12 months).....	1,400 00
Lurene Seymour, Associate (1 year).....	1,800 00
Ruth Wheeler, Associate (2 years from September 1, 1913)....	1,700 00
Georgia Fleming, Instructor in Textiles (10 months).....	1,000 00
Grace E. Stevens, Instructor (10 months).....	1,100 00
Bessie Packard, Office Assistant (C. S.).....	900 00
Florence Harrison, Instructor, in charge of Extension (12 months).....	1,200 00
<b>Total</b> .....	<b>\$18,750 00</b>

**Veterinary Science.**

Donald McIntosh, Professor (Indef.) .....	2,500 00
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SCHOOL OF MUSIC.

Charles H. Mills, Director and Professor of Music (both 1 year)	\$2,700 00
George F. Schwartz, Assistant Professor of Music (3 years from September 1, 1913)	2,200 00
Constance Barlow-Smith, Assistant Professor of Sight-Singing and Ear Training, in charge of Public School Music (3 years from September 1, 1913)	2,000 00
H. J. Van den Berg, Instructor in Piano (10 months)	1,800 00
Albert A. Harding, Director of the Band and Instructor in Wind Instruments (10 months)	1,800 00
Heber D. Nasmith, Instructor in Voice, vice Johnston (10 months)	1,700 00

**SCHOOL OF MUSIC—CONCLUDED.**

Edson W. Morphy, Instructor in Violin (10 months) .....	\$1,700 00
Florence M. Kirkup, Instructor in Voice (10 months) .....	1,000 00
Edna A. Treat, Instructor in Piano (10 months) .....	1,000 00
Lowell L. Townsend, Instructor in Piano (10 months) .....	1,200 00
_____, Instructor in Voice, vice McCobb (10 months) .....	1,000 00
_____, Instructor and Secretary (12 months) .....	1,200 00
<b>Total</b> .....	<b>\$19,300 00</b>

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.**

George A. Huff, Director (1 year) .....	\$3,000 00
Leo G. Hana, Instructor (10 months) .....	1,700 00
Harry L. Gill, Instructor in Track Athletics (10 months) .....	2,200 00
Edward J. Manley, Instructor in Swimming (10 months) .....	900 00
Roy N. Fargo, Assistant (10 months) .....	500 00
Ralph R. Jones, Assistant (10 months) .....	1,200 00
Ira R. Carithers, Instructor in Intramural Athletics (10 months) .....	600 00
Henry E. Pengilly, Instructor in Fencing (10 months) .....	100 00
<b>Total</b> .....	<b>\$10,200 00</b>

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.**

Gertrude E. Moulton, Director (1 year) .....	\$1,600 00
_____, Instructor, vice Dunsford (10 months) .....	1,500 00
Verna Brooks, Instructor (10 months) .....	900 00
_____, First Assistant (10 months) .....	800 00
_____, Instructor, vice Williams (10 months) .....	850 00
Marion C. Landee, Assistant, on half time (10 months) (See also under English Department) .....	450 00
Rosa L. Gaut, Assistant (10 months) .....	400 00
Agnes Hitt, Student Assistant (10 months) .....	200 00
<b>Total</b> .....	<b>\$6,700 00</b>

**MILITARY DEPARTMENT.**

_____, Commandant of Cadets (12 months) .....	\$576 00
Five Assistants in Military Science at \$100 each (10 months)...	500 00
Frederick Post, Armorer and Administrative Assistant (C. S.)..	900 00
<b>Total</b> .....	<b>\$1,976 00</b>

**GRADUATE SCHOOL.**

David Kinley, Dean of the Graduate School and Director of the Courses in Commerce (1 year) and Professor of Economics (Indef.) .....	\$6,000 00
_____, Professor .....	4,000 00
Albert B. Wright, Research Assistant (12 months) .....	600 00
Lida E. Voight, Clerk and Stenographer (C. S.) .....	1,000 00
<b>Total</b> .....	<b>\$11,600 00</b>

**COLLEGE OF LAW.**

Oliver A. Harker, Dean (1 year) and Professor (Indef.) .....	\$4,000 00
Frederick Green, Professor (Indef.) .....	3,500 00
William G. Hale, Professor (Indef.) and Secretary of the Faculty (1 year) .....	3,500 00
Chester G. Vernier, Professor (Indef.) .....	3,500 00
Edward H. Decker, Professor (Indef.) and Acting Librarian (1 year) .....	3,500 00
_____, Professor .....	3,500 00
John N. Pomeroy, Professor, on 11-16ths time (3 years from September 1, 1911) .....	2,500 00
Librarian and Custodians .....	2,000 00
_____, Stenographer (10 months) .....	600 00
Clerk in Practice Court (10 months) .....	100 00
<b>Total</b> .....	<b>\$26,700 00</b>

**LIBRARY SCHOOL.**

Phineas L. Windsor, Director and Librarian (1 year)—salary under Library .....	
Frances Simpson, Assistant Director (1 year) and Assistant Professor of Library Economy (Indef.) .....	\$2,000 00
Florence R. Curtis, Associate in Library Economy (2 years from September 1, 1913) .....	1,600 00

**LIBRARY SCHOOL—CONCLUDED.**

Ernest J. Reece, Instructor in Library Economy (1 year).....	\$1,600 00
Ethel Bond, Instructor in Library Economy and Assistant in charge of the collections in Library Economy (1 year) .....	1,000 00
Edna L. Scott, Lecturer (5 weeks) .....	250 00
_____, Reviser, vice Oaks (3 months) .....	225 00
Salaries of summer session, 1914 .....	600 00
<b>Total</b> .....	<b>\$7,275 00</b>

**LIBRARY.****Administration.**

Phineas L. Windsor, Librarian and Director of the Library School (1 year) .....	\$3,500 00
F. K. W. Drury, Lecturer on Order Work in the Library School and Assistant Librarian (1 year) .....	2,400 00
Sabra Stevens, General Assistant (C. S.) .....	780 00
_____, General Assistant, vice Renz (C. S.) .....	650 00
_____, General Assistant (C. S.; 10 months) .....	650 00
Eleanor G. Karsten, Lecturer in the Library School and Secretary to the Librarian (12 months) .....	1,200 00
Nora Kirwin, Stenographer (C. S.) .....	600 00
_____, Stenographer (C. S.) .....	600 00
Edmund Wharmby, Helper (C. S.) .....	660 00
<b>Total</b> .....	<b>\$11,040 00</b>

**Order Department.**

Jacob Hodnefield, Lecturer on Exchanges in the Library School and Exchange Assistant (12 months) .....	1,500 00
Myrtle Renz, Order Assistant (C. S.) .....	900 00
Clara Ricketts, Order Assistant (C. S.) .....	720 00
_____, Order Assistant (C. S.) .....	900 00
Aurella Knapp, Order Assistant, Periodicals (C. S.) .....	900 00
_____, Order Assistant, Gifts, vice Robertson (C. S.) .....	720 00
_____, Clerk (C. S.) .....	720 00
_____, Stenographer and Bookkeeper, vice Ash (C. S.) .....	720 00
Student assistance .....	600 00
<b>Total</b> .....	<b>7,680 00</b>

**Reference Department.**

Margaret Hutchins, Lecturer on General Reference in the Library School and Reference Assistant (12 months) .....	1,000 00
Alice Johnson, Lecturer on General Reference in the Library School and Reference Assistant (12 months) .....	1,000 00
Emma Felsenthal, Lecturer on General Reference in the Library School and Reference Assistant (12 months) .....	1,000 00
<b>Total</b> .....	<b>\$3,000 00</b>

**Loan Department.**

Emma R. Jutton, Lecturer on the Loan Department and Loan Librarian (12 months) .....	1,200 00
Frances Feind, Loan Assistant (C. S.) .....	960 00
Sarah E. Bryan, Loan Assistant (C. S.) .....	840 00
Viola Fraser, Loan Assistant (C. S.) .....	780 00
Ina M. Brown, Loan Assistant (C. S.) .....	720 00
_____, Shelf Assistant, vice Smith (C. S.) .....	840 00
_____, Shelf Assistant, vice Prickett (C. S.) .....	660 00
_____, Shelf Assistant (C. S.) .....	660 00
_____, Sunday Assistant, vice Mitchell (9 months) .....	72 00
_____, Clerk (C. S.) .....	720 00
Student assistance .....	1,400 00
<b>Total</b> .....	<b>\$8,852 00</b>

**Catalog Department.**

Philip S. Goulding, Lecturer on Cataloging in the Library School and Catalog Librarian (12 months) .....	2,000 00
Adah Patton, Lecturer on Classification and Subject-Headings in the Library School and Classifier (12 months) .....	1,100 00
Nellie Robertson, Cataloger (C. S.) .....	840 00
Antoinette Goetz, Cataloger (C. S.) .....	840 00
Edith Emigh, Cataloger (C. S.) .....	840 00
Lilla Alexander, Cataloger (C. S.) .....	780 00
_____, Cataloger, vice Torrance (C. S.) .....	720 00
Fannie Dunlap, Cataloger (C. S.) .....	720 00
Bertha L. Sharp, Cataloger (C. S.) .....	660 00
_____, Cataloger (C. S.) .....	780 00
_____, Cataloger (C. S.) .....	780 00
_____, Cataloger (C. S.) .....	780 00

**Catalog Department—Concluded.**

....., Cataloger (C. S.) .....	\$780 00
Mary Blackwell, Typist (C. S.) .....	660 00
....., Typist, vice White (C. S.; 10 months) .....	500 00
....., Clerk (C. S.) .....	720 00
Student Assistants .....	900 00
Total .....	\$14,400 00

**Binding Department.**

Josie B. Houchens, Binding Librarian (C. S.) .....	1,000 00
....., Binding Assistant (C. S.; 10 months) .....	650 00
Total .....	\$1,650 00

**Departmental Libraries.**

Mary Torrance, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Classics (12 months) .....	900 00
John B. Kaiser, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Economics and Sociology (12 months) .....	1,800 00
....., Departmental Library Assistant in Economics, Sociology, History, and Political Science (C. S.) .....	780 00
Ola M. Wyeth, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Modern Languages (12 months) .....	960 00
Jennie A. Craig, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in English (12 months) .....	960 00
Marian Leatherman, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in History and Political Science (12 months) .....	900 00
Margaret Herdman, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Philosophy, Psychology, and Education (12 months) .....	900 00
Charles E. Janvrin, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Natural History, on one-half time (12 months) .....	500 00
....., Departmental Library Assistant in Natural History and Mathematics (C. S.) .....	780 00
Ethel Bond, Instructor in the Library School and Assistant in charge of the collections in Library Economy (12 months)—see under Library School .....	1,900 00
Student assistants .....	1,900 00
Total .....	\$10,380 00
Total, Library .....	57,002 00

**SCHOOL OF PHARMACY.****SALARIES FOR TEACHING—**

William B. Day, Professor of Botany and Materia Medica (1 year) .....	\$1,200 00
Albert H. Clerk, Assistant Professor of Chemistry (1 year) .....	1,800 00
Clyde M. Snow, Assistant Professor of Pharmacy (1 year) .....	1,800 00
Edmund N. Gathercoal, Instructor in Pharmacognosy (1 year) .....	1,300 00
Henry W. Colson, Instructor in Chemistry (1 year) .....	1,000 00
Ben L. Eicher, Instructor in Pharmacy (1 year) .....	1,000 00
Bernard Fantus, Lecturer in Physiology (1 year) .....	200 00
Student Assistants (3) .....	250 00
Total .....	\$8,550 00

**SALARIES FOR SERVICES—**

William B. Day, Acting Dean and Actuary (1 year) .....	1,300 00
R. Meseck, Janitor (C. S.) .....	780 00
Mary Scanlan, Stenographer (C. S.) .....	720 00
Total .....	\$2,800 00

**EQUIPMENT AND INCIDENTALS—**

Apparatus .....	1,100 00
Laboratory supplies .....	1,200 00
Library .....	300 00
Advertising .....	1,000 00
Printing and postage .....	300 00
Repairs .....	200 00
Rent .....	6,000 00
Light .....	425 00
Water .....	15 00
Telephone .....	70 00
Laboratory refunds .....	260 00



**EQUIPMENT AND INCIDENTALS—Concluded.**

Special assessments .....	\$100 00
Fixtures and furniture .....	200 00
Refunds of tuition .....	275 00
Incidentals .....	600 00
Extra help .....	25 00
<b>Total .....</b>	<b>\$12,070 00</b>

**SUMMARY OF SALARIES.**

President's office .....	\$20,000 00
Comptroller's office .....	17,946 45
Registrar's office .....	12,140 00
Dean of Men's office .....	3,480 00
Dean of Women's office .....	3,200 00
High School Visitor's office .....	6,150 00
Supervising Architect's office .....	24,535 00
College of Liberal Arts and Sciences—	
Dean's office .....	\$ 7,690 00
Art and design .....	10,850 00
Classics .....	15,000 00
Education .....	17,550 00
English .....	58,800 00
German .....	25,550 00
History .....	21,750 00
Philosophy .....	8,600 00
Political science .....	10,350 00
Psychology .....	9,550 00
Romance languages .....	20,650 00
Sociology .....	5,000 00
Courses in commerce .....	36,700 00
Astronomy .....	5,300 00
Bacteriology .....	4,300 00
Botany .....	17,100 00
Chemistry .....	58,825 00
Entomology .....	9,150 00
Geology .....	12,100 00
Mathematics .....	33,150 00
Physiology .....	4,350 00
Zoölogy .....	23,400 00
Ceramics .....	7,500 00
<b>Total, College of Liberal Arts and Sciences.....</b>	<b>418,215 00</b>
College of Engineering—	
Dean's office .....	\$ 3,760 00
Architecture .....	31,050 00
Civil engineering .....	32,350 00
Electrical engineering .....	26,350 00
General engineering drawing .....	9,600 00
Mechanical engineering .....	43,380 00
Mining engineering .....	14,380 00
Mining—Cooperative investigation .....	1,800 00
M. and S. E. and T. and A. M. ....	21,750 00
Physics .....	31,350 00
Railway engineering .....	15,220 00
Engineering Experiment Station .....	19,900 00
<b>Total, College of Engineering.....</b>	<b>250,890 00</b>
College of Agriculture and Agricultural Experiment Station—	
Dean's office .....	\$12,200 00
Agricultural extension .....	11,300 00
Agronomy .....	71,420 00
Animal husbandry .....	42,450 00
Dairy husbandry .....	29,800 00
Horticulture .....	49,240 00
Household science .....	18,750 00
Veterinary science .....	2,500 00
<b>Total, College of Agriculture and Agricultural Experiment Station</b>	<b>237,660 00</b>
School of Music .....	19,300 00
Graduate School .....	11,600 00
Physical Training, Men .....	10,200 00
Physical Training, Women .....	6,700 00
Military Department .....	1,976 00
College of Law .....	26,700 00
Library School .....	7,275 00
Library .....	57,002 00
Water Survey (salaries)* .....	21,890 00
School of Pharmacy (salaries) .....	11,350 00
<b>Total .....</b>	<b>\$1,168,209 45</b>

\* See page 629.

**RECOMMENDATIONS WITH REFERENCE TO MEDICAL FACULTY.**

President James presented also his recommendations with reference to appointments in the faculty of the College of Medicine, with the further recommendation that this matter be referred to the Committee on the College of Medicine and School of Pharmacy with power to act.

On motion of Mrs. Busey, the president's recommendations with reference to appointments in the faculty of the College of Medicine were referred to the Committee on the College of Medicine and the School of Pharmacy with power to act.

**BUILDINGS BUDGET.**

President James presented also the following recommendation with reference to buildings:

That the Board of Trustees authorize the supervising architect to proceed with plans for the following buildings at the estimated cost indicated, and that of the total sum the amount of nine hundred thousand dollars (\$900,000) be appropriated from the funds available for the purchase of land and erection of buildings during the present biennium, the balance to be a charge upon the funds of the next biennium:

1. Addition to the Natural History Building.....	\$ 65,000 00
2. Addition to the Chemistry Building.....	250,000 00
3. Addition to the Commerce Building for administrative purposes..	125,000 00
4. Ceramics Building .....	65,000 00
5. School of Education Building .....	120,000 00
6. Women's Residence Hall .....	100,000 00
7. Engineering Buildings—	
(a) Completion of Transportation Building.....	\$33,000 00
(b) Railway Electrical Laboratory .....	25,000 00
(c) Wing for work in concrete, etc.....	16,000 00
(d) Extension of Mechanical Engineering Laboratory .....	26,000 00
8. Stock Judging Pavilion .....	100,000 00
9. Completion of the ends of the Armory, heating, lighting, flooring, and grading the Armory .....	30,000 00
10. Zoölogical Laboratory, Plant Laboratory, insectary, and storehouse	90,000 00
11. Addition to the Library book stack .....	50,000 00
12. Addition to the University boilerhouse .....	27,700 00
13. Reconstruction of the east wing of the Gymnasium.....	44,880 00
14. Horticultural Field Laboratory .....	8,000 00
15. Horticultural glasshouses, including the moving of the old houses	30,000 00
16. Experimental feeding plant .....	18,000 00
17. Farmhouse .....	10,000 00
	4,500 00
	<b>\$1,138,080 00</b>

**VOTE ON THE PURCHASE OF LAND.**

At this point Mrs. Busey's motion (page 607) was called up for consideration, namely, that the report of the Finance Committee be accepted, that the officers of the board be authorized to close the purchase of the tracts of land recommended by the committee for purchase, and that the committee be given further time to consider the other proposed tracts.

Mrs. Evans moved to amend this motion so as to provide for the immediate purchase of the one hundred sixty acres on which the board has a written option and to authorize the Finance Committee to secure options on the other tracts.

When, after further discussion, the vote was taken, the motion to amend was lost. The original motion, carrying the approval of the report of the Finance Committee, the setting aside of four hundred thousand dollars (\$400,000) for the purchase of land, and the appropriation of two hundred fifty-six thousand dollars (\$256,000) for the purchase of the tracts specified in the report, was passed. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

**APPROVAL OF THE SALARY BUDGET.**

On motion of Mrs. Henrotin, it was voted to approve the salary budget in full as presented by the President of the University. The vote was as

follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

### VOTE ON THE BUILDINGS BUDGET.

On motion of Mr. Montgomery, it was voted to approve the recommendation presented by President James that the supervising architect be authorized to proceed with plans for buildings as enumerated above, at the estimated cost indicated, and that the sum of nine hundred thousand dollars (\$900,000) be appropriated for this purpose from the funds available for the purchase of land and erection of buildings during the present biennium, the balance to be a charge upon the funds of the next biennium. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

At this point Dr. Montgomery withdrew.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPOINTMENT OF SECRETARY, COLLEGES OF MEDICINE AND DENTISTRY.

(1) A recommendation that Mr. William H. Browne, at present Superintendent of the College of Medicine, be appointed Secretary and Superintendent of Buildings and Grounds for the College of Medicine and Dentistry, at a salary of three thousand dollars. (\$3,000) per annum, beginning July 1, 1903, and continuing until further notice.

On motion of Mrs. Evans, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### PROVISIONAL BUDGET, COLLEGE OF DENTISTRY.

(2) The following provisional budget for the College of Dentistry for the academic year beginning September 1, 1913, with the request that the President of the University be authorized to fill the vacant positions therein within the amounts provided.

1. Department of Operative Dentistry—	
Head of department; 2 demonstrators, 1 instructor.....	\$2,600 00
2. Department of Prosthetic Dentistry—	
Head of department; 1 instructor, 1 demonstrator.....	2,400 00
3. Department of Oral Surgery and Pathology—	
Head of department; 2 instructors; 2 clinical assistants.....	1,750 00
4. Department of Bacteriology—	
Head of department; 1 laboratory instructor.....	1,000 00
5. Department of Materia Medica and Therapeutics—	
Head of department; 1 assistant .....	1,000 00
6. Department of Porcelain Art—	
Head of department; 1 assistant .....	500 00
7. Department of Orthodontia and Histology—	
Head of department; 1 laboratory instructor .....	1,500 00
8. Superintendent of Infirmary and Lecturer on Jurisprudence.....	3,000 00
9. Instruction in Comparative Anatomy .....	150 00
10. Instruction in Anesthesia and Physical Diagnosis .....	150 00
11. Dean .....	1,000 00
12. Office: Secretary and 2 stenographers .....	2,640 00
	<hr/>
	\$17,690 00

(3) The following recommendations:

1. That Dr. Frederick B. Moorehead be appointed Dean of the College of Dentistry of the University of Illinois for one year at a salary of one thousand dollars per annum, work and salary to begin July 1, 1913.
2. That Dr. Donald McKay Gallie be appointed Professor of Operative Dentistry in the College of Dentistry of the University of Illinois for one year beginning September 1, 1913, at a salary of one thousand dollars per annum.
3. That Dr. Walter Dittmar be appointed Professor of Prosthetic Dentistry in the College of Dentistry of the University of Illinois, for one year from September 1, 1913, at a salary of one thousand dollars.

4. That Dr. Frederick B. Moorehead be appointed Professor of Oral Surgery in the College of Dentistry of the University of Illinois for one year from September 1, 1913, at a salary of one thousand dollars per annum.

On motion of Mrs. Evans, these recommendations were approved, and the President of the University was given authority to fill the vacant positions in the College of Dentistry within the amounts provided. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### CONTRACT AUTHORIZED FOR THE EQUIPMENT OF THE DENTAL INFIRMARY.

(4) Copies of bids from the Ritter Dental Supply House, of Chicago, and the S. S. White Dental Manufacturing Company, of Chicago, on the equipment for the infirmary of the College of Dentistry; with a recommendation from Professor James M. White, Supervising Architect, that the contract be awarded to the S. S. White Dental Manufacturing Company on the basis of their bid of six thousand two hundred fifty dollars (\$6,250.00).

On motion of Miss Watson, the foregoing recommendation of the supervising architect's was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### APPOINTMENT OF AN ASSISTANT DEAN OF WOMEN.

(5) A recommendation that Miss Martha J. Kyle be appointed Assistant Dean of Women, beginning August 1, 1913, and continuing until further notice, at a salary as Assistant Dean of Women (in addition to her salary as Instructor of English) of fifty dollars (\$50) a month.

On motion of Mrs. Busey, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### RECONSTRUCTION OF ROOMS FOR THE WORK IN ANIMAL NUTRITION.

(6) A request from Professor James M. White, Supervising Architect, for an appropriation of five thousand eight hundred dollars (\$5,800) to provide for the reconstruction of the space over the present Stock Judging Pavilion to be used for the work in animal nutrition.

On motion of Mr. Moore, this request was approved, and an appropriation of five thousand eight hundred dollars (\$5,800) was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### AUTHORITY TO ACCEPT RESIGNATIONS AND FILL VACANCIES.

(7) A request that the President of the University be authorized to accept at his discretion such resignations in the instructional, scientific, and administrative staff as may be presented during the vacation, and that he be authorized to fill within the budget allowances such vacancies as may occur during the vacation because of resignation or declination.

On motion of Mrs. Busey, the foregoing authorization was given as requested.

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

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#### MEETING OF THE EXECUTIVE COMMITTEE, JULY 23, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, immediately following the adjournment of the special meeting of the Board of Trustees held on that date.

There were present: Mr. Abbott and Mr. Moore, members of the Executive Committee, and Mrs. Evans and Mrs. Henrotin, members of the board.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

##### APPROPRIATIONS FOR EXTENSION OF CONDUIT.

(1) A request from Professor James M. White, Supervising Architect, that five thousand dollars (\$5,000) be appropriated for the extension of electrical conduit and cable, to provide for fifteen ducts from the Physics Building to the Law Building, for the extension of three ducts from the Dairy Barns to the Stock Judging Pavillion, for six ducts from the Dairy Barns to the Horticultural Green Houses, and for six ducts for 300 feet towards the new Armory and four ducts the balance of the way.

This recommendation was approved.

##### AUTHORITY FOR THE APPOINTMENT OF PROFESSOR FRECHET.

(2) A request that the President of the University be authorized to appoint Professor Fréchet of the University of Poitiers to be Professor of Mathematics in the University of Illinois for the academic year 1914-15, at a salary of three thousand dollars (\$3,000) for the year.

This recommendation was approved.

##### APPOINTMENTS IN ACCOUNTANCY.

(3) A recommendation that Mr. William A. Chase be appointed Lecturer in Accountancy and Commercial Law, on part time, for the academic year 1913-14, at a salary of two thousand dollars (\$2,000) for the year.

(4) A recommendation that Mr. H. T. Scoville be appointed Instructor in Accountancy for the academic year 1913-14, at a salary of two thousand dollars (\$2,000) for the year.

The foregoing recommendations were approved.

##### APPOINTMENT OF AN INSTRUCTOR IN ECONOMICS.

(5) A recommendation that Dr. C. M. Thompson be appointed Instructor in Economics for the academic year beginning September 1, 1913, at a salary of eighteen hundred dollars (\$1,800) for the year.

This recommendation was approved.

##### APPOINTMENT IN THE SUPERVISING ARCHITECT'S OFFICE.

(6) A recommendation from Professor James M. White, Supervising Architect, that Mr. George B. Rice be appointed Lecturer on the Installation and Operation of Mechanical Equipment for Buildings, and Assistant Mechanical Engineer in the office of the Supervising Architect, for one year beginning September 1, 1913, at a salary of three thousand dollars (\$3,000) for the year.

This recommendation was approved.

##### APPOINTMENT OF AN ASSISTANT PROFESSOR OF STRUCTURAL ENGINEERING.

(7) A request that the President of the University be authorized to appoint Mr. John I. Parcel to be Assistant Professor of Structural Engineering, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

It was voted that such authority be given.

##### APPOINTMENT OF AN ASSISTANT PROFESSOR OF BOTANY.

(8) A request that the President of the University be authorized to appoint Mr. G. R. Lyman to be Assistant Professor of Botany, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

It was voted that such authority be given.

At this point Miss Watson took her seat with the committee.

**BUDGET OF THE STATE WATER SURVEY.**

(9) The following proposed budget for the State Water Survey, recommended by Dr. Edward Bartow, Director of the Water Survey, with the request that the President of the University be authorized to approve this budget as submitted, with such modifications as in his judgment may be necessary.

**STATE WATER SURVEY.****Salaries—**

Edward Bartow, Professor of Sanitary Chemistry (Indef.) and Director (1 year) .....	\$4,000 00
Paul Hansen, Associate in Sanitary Engineering and Engineer (1 year) .....	3,500 00
Wilfred F. Langelier, Inspector (12 months) .....	1,500 00
Harry P. Corson, Assistant in Sanitary Chemistry and Chemist and Bacteriologist (12 months) .....	1,500 00
Ralph Hilscher, Assistant Engineer (12 months) .....	1,500 00
Milford E. Hinds, Assistant Chemist (12 months) .....	840 00
Fred W. Tanner, Assistant Bacteriologist (12 months) .....	840 00
Floyd W. Mohlman, Assistant Chemist (12 months) .....	840 00
Harry F. Ferguson, Engineering Assistant (12 months) .....	1,080 00
Henry L. Huenink, Assistant Chemist (9 months from October 1, 1913) .....	630 00
Maurice C. Sjoblom, Engineering Assistant (12 months) .....	900 00
Engineering Assistant .....	900 00
Wesley W. Hanford, Assistant Chemist, vice Hollman (12 months) .....	720 00
Carmen F. Harnack, Clerk (C. S.; new salary from July 1, 1913) ..	780 00
Marie Jester, Stenographer (C. S.; new salary from July 1, 1913) ..	660 00
Jennie B. McMullen, Stenographer (C. S.; new salary from July 1, 1913) .....	600 00
Eliza Hart, Stenographer (C. S.; new salary from July 1, 1913) ..	500 00
John J. Johnson, Janitor and Laboratory Assistant (C. S.; new salary from July 1, 1913) .....	600 00
	<b>\$21,890 00</b>

**Expenses—**

Traveling expenses of the Director, Engineer and Assistant Engineers, Chemists and Bacteriologists, and other employees.....	\$4,000 00
Telegraphing, telephoning, expressage, postage, the purchase of furniture, typewriters, office supplies, printing, engraving and the necessary printing paper and stationery therefor, and other necessary expenditures for the maintenance of the office.....	4,500 00
Miscellaneous .....	3,031 33
	<b>\$11,531 33</b>

**Total .....** **\$33,421 33**

NOTE.—The above estimate is made on the basis of funds available July 1, 1913, as follows:

State Water Survey appropriation .....	\$ 7,500 00
Fees .....	500 00
Special investigations .....	21,500 00
Balance July 1, 1913 .....	3,921 33
	<b>\$33,421 33</b>

It was voted to authorize the President of the University to approve the foregoing budget of the Water Survey, with such modifications as may seem to him necessary.\*

**VALUATION OF PROPERTY ADJOINING THE COLLEGE OF DENTISTRY.**

President Abbott reported that at his request the Chicago Real Estate Board had made a valuation of the property on Harrison Street, immediately east of the building of the College of Dentistry, in view of the possible desire of the University to purchase this property at some future date as a

\* The Secretary subsequently received the following letter from President James, carrying the approval of the budget of the State Water Survey, as printed above, without change:

August 1, 1913.

Mr. C. M. McConn, Secretary.

MY DEAR SIR: I am inclosing a copy of the appointments in the State Water Survey for the coming year, also a proposed budget, which I hereby approve under the authority given me by the Trustees at their last meeting.

Faithfully yours,

EDMUND J. JAMES.

location for the School of Pharmacy, and that the Real Estate Board had reported the following valuation:

Land .....	\$21,600 00
Improvements .....	9,000 00
Total valuation .....	<u>\$30,600 00</u>

Mr. Abbott presented also a bill from the Chicago Real Estate Board of sixty-five dollars and sixty cents (\$65.60) for making this valuation, which bill was ordered paid.

#### APPOINTMENTS MADE BY PRESIDENT JAMES.

The secretary presented the following report of appointments made by the President of the University to fill vacancies in positions authorized by the Board of Trustees:

Crane, Rufus, Instructor in General Engineering Drawing, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month. (July 8, 1913.)

Duncalf, Frederick, Assistant Professor of History, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum. (July 5, 1913.)

Hursh, R. K., Research Assistant in Ceramics, for the months of July and August, 1913, at a salary of one hundred dollars (\$100) a month. (July 8, 1913.)

Karrer, Sebastian, Assistant in Physics, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (July 15, 1913.)

Kingsley, John Sterling, Professor of Zoölogy, at a salary of thirty-five hundred dollars (\$3,500) per annum, beginning September 1, 1913. (July 16, 1913.)

Lybyer, Albert Howe, Associate Professor of History, beginning September 1, 1913, at a salary of twenty-eight hundred dollars (\$28,000) per annum. (July 3, 1913.)

Nathanson, Jonas B., Assistant in Physics, on part time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 15, 1913.)

Radcliffe, B. S., Research Assistant in Ceramic Engineering in the Department of Ceramics, for the months of July and August, 1913, at a salary of eighty dollars (\$80) a month. (July 8, 1913.)

#### THE REGISTRAR'S REPORT OF FEES PAYABLE, SECOND SEMESTER, 1912-1913.

The secretary presented the registrar's report of fees due from students in the colleges and schools at Urbana for the second semester of the academic year 1912-13.

This report was received for record:

	Gross.	Refund.	Net total.
<b>Matriculation Fees—</b>			
66 @ \$10.00 .....	\$660 00	.....	.....
Refund, 3 @ \$2.50* .....	.....	\$7 50	\$652 50
49 @ \$7.50 (tuition fee applied toward matriculation) .....	367 50	.....	367 50
49 @ \$2.50 (balance of above) .....	122 50	.....	122 50
Total matriculation fees .....	\$ 1,150 00	\$ 7 50	\$ 1,142 50
<b>Incidental Fees—</b>			
2546 @ \$12.00 .....	30,552 00	.....	.....
Refund, 21 @ \$12.00 .....	.....	252 00	30,300 00
6 @ \$6.00 .....	36 00	.....	.....
Refund, 57 @ \$6.00 .....	.....	342 00	—306 00
Total incidental fees .....	\$30,588 00	\$594 00	\$29,994 00
<b>Tuition Fees—</b>			
395 @ \$7.50—49 @ \$7.50 (matriculated during semester) .....	2,595 00	.....	.....
Refund, 7 @ \$7.50 .....	.....	52 50	2,542 50
1 @ \$5.00 (balance) .....	5 00	.....	5 00
1 @ \$3.75 (one-half) .....	3 75	.....	.....
Refund, 21 @ \$3.75 (one-half) .....	.....	78 75	—75 00
103 @ \$25.00 (law) .....	2,575 00	.....	2,575 00
5 @ \$12.50 (one-half, law) .....	62 50	.....	62 50
6 @ \$ 5.00 (courses, law) .....	30 00	.....	30 00
Total tuition fees .....	\$5,271 25	\$131 25	\$5,140 00

\* Refund given because students could not meet matriculation requirements; remainder of fee used for tuition.

	Gross.	Refund.	Net total.
<b>Music Fees—</b>			
Refund, 1 @ \$4.00 .....	.....	\$ 4 00	—\$ 4 00
Refund, 2 @ \$4.25 .....	.....	8 50	—8 50
1 @ \$4.50 .....	\$ 4 50	.....	.....
Refund, 2 @ \$4.50 .....	.....	9 00	—4 50
Refund, 2 @ \$5.00 .....	.....	10 00	—10 00
1 @ \$7.50 .....	7 50	.....	.....
Refund, 1 @ \$7.50 .....	.....	7 50	.....
59 @ \$8.50 .....	501 50	.....	501 50
8 @ \$9.00 .....	72 00	.....	.....
Refund, 1 @ \$9.00 .....	.....	9 00	63 00
6 @ \$11.00 .....	66 00	.....	66 00
2 @ \$12.00 .....	24 00	.....	24 00
11 @ \$15.00 .....	165 00	.....	165 00
2 @ \$19.50 .....	39 00	.....	39 00
3 @ \$25.00 .....	75 00	.....	.....
Refund, 1 @ \$25.00 .....	.....	25 00	50 00
1 @ \$32.50 .....	32 50	.....	32 50
<b>Total music fees .....</b>	<b>\$987 00</b>	<b>\$73 00</b>	<b>\$914 00</b>
<b>Total general fees .....</b>	<b>\$37,996 25</b>	<b>\$805 75</b>	<b>\$37,190 50</b>
<b>Laboratory Fees—</b>			
Architecture .....	\$ 445 50	\$ 9 50	\$ 436 00
Botany .....	879 00	51 00	828 00
Ceramics .....	134 00	15 00	119 00
Chemistry .....	7,265 00	374 00	6,891 00
Civil engineering .....	151 50	2 00	149 50
Electrical engineering .....	768 00	25 00	743 00
Entomology .....	173 50	8 00	165 50
General engineering drawing .....	299 00	7 50	291 50
Geology .....	302 25	17 86	284 39
Household science .....	490 50	11 00	479 50
Mechanical engineering .....	237 00	12 00	225 00
Mining engineering .....	27 00	.....	27 00
Physics .....	876 00	20 00	856 00
Physiology .....	25 50	.....	25 50
Psychology .....	5 50	5 50	.....
Railway engineering .....	8 00	.....	8 00
T. & A. mechanics .....	148 00	4 00	144 00
Zoölogy .....	411 00	14 25	396 75
<b>Total Laboratory fees .....</b>	<b>\$12,645 25</b>	<b>\$576 61</b>	<b>\$12,068 64</b>
<b>Listener's Fees—</b>			
14 @ \$7.50 .....	105 00	.....	105 00
<b>Special Examination Fees—</b>			
210 @ \$5.00 .....	1,050 00	.....	.....
Refund, 1 @ \$5.00 .....	.....	5 00	1,045 00
<b>Late Registration Fees—</b>			
99 @ \$1.00 .....	99 00	.....	99 00
<b>Change Fees—</b>			
249 @ \$1.00 .....	249 00	.....	249 00
<b>Diploma Fees—</b>			
683 @ \$5.00 .....	3,415 00	.....	.....
Refund, 2 @ \$5.00 .....	.....	10 00	3,405 00
3 @ \$2.00 (new diplomas made) .....	6 00	.....	6 00
<b>Total special fees .....</b>	<b>\$4,924 00</b>	<b>\$15 00</b>	<b>\$4,909 00</b>
<b>Total fees .....</b>	<b>\$55,565 50</b>	<b>\$1,397 36</b>	<b>\$54,168 14</b>

### THE COMPTROLLER'S REPORT.

The secretary presented also the report of Prof. George E. Frazer, Comptroller, for the quarter ending June 30, 1913.

This report was received for record:

URBANA, ILL., July 14, 1913.

W. L. Abbott, Esq., President, Board of Trustees, University of Illinois.

DEAR SIR: I am submitting herewith the quarterly report of the cash transactions of the University of Illinois for the quarter ending June 30, 1913.

The report includes a summary of receipts and disbursements, which is supported by schedules showing in details the receipts of the bursar and disbursements against current, State and United States appropriations, together with a statement of balances in these appropriations. A detailed report of the receipts of the treasurer is not included as this report has been submitted to you by the treasurer. The report also includes lists of warrants drawn during the quarter against the general University, School of Pharmacy, College of Medicine and Agricultural Experiment Station funds.

Very truly yours,

GEO. E. FRAZER, Comptroller.



## RECEIPTS AND DEPOSITS OF THE BURSAR.

Balance, April 1, 1913..... \$13,208 59

## Receipts—

Accountancy .....	\$ 698 86
Agricultural College .....	15,735 68
Agricultural Experiment Station receipts..	9,935 73
Alumni Record .....	2,686 60
Architectural prize .....	50 00
Blue printing .....	996 38
B'nai B'rith Library .....	50 00
Building Department .....	706 06
Chemistry Department .....	762 60
Class of 1895 .....	78
Engineering College .....	402 45
Engineering Experiment Station .....	169 25
Fees—Diplomas .....	3,306 00

## Fees, 1912-13—

General .....	1,560 00
Laboratory .....	57 50

## Fees, Summer Session, 1913—

General .....	4,275 50
Laboratory .....	1,035 50
Graduate School Thesis Deposits .....	350 00
Grounds Department .....	35 15
Hospital Association .....	47 60
Incidentals .....	9 03
Library fines .....	137 90

## Lockers—

General .....	94 50
Gymnasium .....	13 00

## McKinley Fund—

Interest .....	79 76
Principal .....	610 00
Philology, Journal of .....	23 75
Physical Training, Men, Towel fund .....	364 00
Psychology .....	2 50
Plym Fellowship .....	1,000 00

## Snyder Fund—

Interest .....	113 81
Principal .....	1,092 26

## Steam Department .....

Steam Department .....	572 12
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## University Studies .....

University Studies .....	9 30
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## Water Survey .....

Water Survey .....	171 60
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## Woman's League Loan Fund—

Interest .....	1 65
Zoölogy .....	57 35

47,214 17

## Deposits with M. W. Busey, Treasurer, 1913—

April 25 .....	\$ 113 75
April 26 .....	14,673 45
April 28 .....	1,463 00
April 29 .....	134 93
April 30 .....	1,250 42
May 1 .....	25
May 2 .....	26 44
May 5 .....	4,062 75
May 5 .....	954 30
May 8 .....	363 40
May 8 .....	150 00
May 8 .....	10 00
May 9 .....	619 92
May 12 .....	245 32
May 14 .....	1,276 72
May 15 .....	1,052 47
May 19 .....	1,592 70
May 19 .....	164 50
May 21 .....	3,058 79
May 22 .....	374 56
May 24 .....	518 74
May 29 .....	1,381 13
May 31 .....	1,157 21
June 2 .....	832 45
June 5 .....	2,152 38
June 7 .....	635 89
June 9 .....	363 56
June 10 .....	249 53
June 11 .....	2,430 60
June 17 .....	6,471 13
June 17 .....	2,809 35
June 18 .....	2,846 49
June 20 .....	1,133 35
June 26 .....	1,026 96

## Deposits with M. W. Busey, Treasurer, 1913—

*Concluded.*

June 27 .....	\$660 18
June 28 .....	671 06
June 30 .....	826 26

\$58,293 99

Balance on hand June 30, 1913.....

2,128 77

\$60,422 76    \$60,422 76

## DISBURSEMENTS.

## CURRENT APPROPRIATIONS.

Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Accountancy.....	\$ 3,597 11	\$ 789 54	\$ 209 17	\$ 998 71	\$ 2,598 40
Agricultural college.....	56,226 37	30,918 50	24,041 97	54,960 47	1,265 90
Agricultural experiment station .....	45,243 00	10,381 26	26,449 71	36,830 97	8,412 03
<i>Alumni Quarterly</i> .....	1,000 00	750 00	250 00	1,000 00	.....
<i>Alumni Record</i> .....	5,828 07	743 42	4,958 24	5,701 66	126 41
Applied mechanics.....	1,353 51	12 49	319 29	331 78	1,021 73
Art and design.....	500 00	243 82	220 41	464 23	35 77
Band instrument deposit.....	150 50	35 00	10 00	45 00	105 50
Blue printing.....	2,812 14	1,522 46	640 18	2,162 64	649 50
B'nai B'rith library.....	575 00	427 87	62 52	490 39	84 61
Botany.....	2,500 00	1,932 24	466 11	2,398 35	101 65
Buildings and grounds.....	5,000 00	100 00	3,548 90	3,648 90	1,351 10
Chemistry.....	15,733 64	12,327 38	3,367 85	15,695 23	38 41
Classics.....	100 00	37 79	61 99	99 78	22
Dean of men.....	3,000 00	2,339 98	645 32	2,985 30	14 70
Dean of women.....	500 00	356 28	125 47	481 75	18 25
Editing <i>University Bulletin</i> .....	1,000 00	4 05	.....	4 05	995 95
Education, School of.....	2,250 00	863 88	750 35	1,614 23	635 77
Engineering building site.....	1,334 25	1,241 20	.....	1,241 20	93 05
Engineering college.....	12,044 18	6,498 80	4,133 32	10,632 12	1,412 06
Engineering experiment station.....	1,052 55	.....	.....	.....	1,052 55
English.....	1,550 00	1,008 88	470 02	1,478 90	71 10
Entomology.....	1,701 00	1,404 25	254 45	1,658 70	42 30
Geology.....	1,340 80	726 39	502 02	1,228 41	112 39
Germanic languages.....	200 00	118 57	81 43	200 00	.....
Gymnasium locker.....	3,105 50	1,042 30	268 16	1,310 46	1,795 04
High school contest.....	400 00	80 23	285 14	365 37	34 63
History.....	150 00	74 41	75 59	150 00	.....
Hospital Association.....	1,789 31	397 25	594 50	1,591 75	197 56
Illinois Canners Association fund.....	1,436 13	653 95	321 78	975 73	460 40
Incidentals.....	10,000 00	6,068 06	3,721 44	9,789 50	210 50
Interest on land contract.....	48 30	.....	.....	.....	48 30
Labor.....	64,500 00	43,463 87	21,036 13	64,500 00	.....
Library.....	3,145 00	1,841 92	938 11	2,780 03	364 97
Library fines.....	308 75	76 04	229 66	305 70	3 05
Library school.....	1,080 00	432 70	618 57	1,051 27	28 73
Library student assistants.....	3,940 00	3,130 38	809 62	3,940 00	.....
Library supplies.....	145 95	145 95	.....	145 95	.....
Lincoln Hall dedication.....	750 00	663 89	.....	663 89	86 11
Literature and Arts dedication.....	800 00	232 47	392 20	624 67	175 33
McKinley fund.....	1,876 25	1,580 00	350 00	1,930 00	*53 75
McKinley fund interest.....	254 50	.....	.....	.....	254 50
Mathematics.....	200 00	53 28	123 98	177 26	22 74
Medicine, College of, budget.....	43,496 31	15,327 64	23,476 22	38,803 86	4,692 45
Military department.....	1,350 00	725 31	822 40	1,547 71	*197 71
Military and band scholarships.....	2,000 00	.....	2,682 00	2,682 00	*682 00
Music, School of.....	1,400 00	1,134 60	265 40	1,400 00	.....
Museum, Lincoln Hall.....	15 00	.....	15 00	15 00	.....
Pharmacy, School of.....	15,058 53	7,667 70	5,293 96	12,891 66	2,166 87
<i>Philology, Journal of</i> .....	1,457 56	403 01	32 06	435 07	1,022 49
Philosophy.....	100 00	9 00	91 00	100 00	.....
Physical training, men.....	1,805 01	1,556 79	206 39	1,763 18	41 83
Physical training, men— Towel deposit.....	364 00	.....	364 00	364 00	.....
Physical training, women.....	741 02	221 00	296 22	517 22	223 80
Physical laboratory assistants.....	600 00	288 01	222 02	510 03	89 97
Physiology.....	1,900 00	1,364 58	375 63	1,740 21	159 79
Plym fellowship.....	2,000 00	800 00	200 00	1,000 00	1,000 00
Political science.....	50 00	24 21	20 75	44 96	5 04
Psychology.....	500 00	500 00	.....	500 00	.....
Public school drawing exhibit.....	50 00	14 55	27 30	41 85	8 15
Rebates to students.....	5,400 00	4,965 33	652 22	5,617 55	*217 55
Romance languages.....	100 00	36 45	62 75	99 20	80
Science, College of.....	700 00	364 59	264 76	629 35	70 65
Snyder fund, principal.....	4,762 58	3,725 00	50 00	3,775 00	987 58

## DISBURSEMENTS—Continued.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Snyder fund, deposit.....	\$ 2,371 67	\$2,346 67	\$ 25 00	\$2,371 67	.....
Snyder fund, interest.....	600 00	300 00	300 00	600 00	.....
Sociology.....	50 00	30 29	19 71	50 00	.....
Soil extension.....	1,019 85	1,014 80	5 05	1,019 85	.....
Summer library school.....	515 00	.....	.....	.....	\$ 515 00
Summer session, 1913.....	15,000 00	390 85	338 70	729 55	14,270 45
Supervising architect.....	2,300 00	1,602 34	488 01	2,090 35	209 65
University fellowships.....	2,400 00	1,295 00	555 00	1,850 00	550 00
Water survey receipts.....	414 95	23 05	332 71	355 76	59 19
Women's League loan fund.....	337 45	85 00	50 00	135 00	202 45
Zoölogy.....	4,750 00	3,376 81	1,373 19	4,750 00	.....
Total current appropriations.....	\$274,130 70	\$184,913 33	\$140,171 05	\$325,084 38	\$49,046 36

## STATE APPROPRIATIONS.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Agricultural college.....	\$415,800 00	\$330,699 73	\$69,421 84	\$400,121 57	\$15,678 43
Agronomy green house.....	9,000 00	9,000 00	.....	9,000 00	.....
Animal husbandry building.....	80,000 00	916 48	8,142 13	9,058 61	70,941 39
Apparatus and appliances—					
Closed out.....	3,998 83	3,998 83	.....	3,998 83	.....
Astronomy.....	2,129 33	1,601 49	34 88	1,636 37	492 96
Botany.....	900 00	900 00	.....	900 00	.....
Museum.....	871 84	.....	550 00	550 00	321 84
Psychology.....	100 00	13 48	86 38	99 86	14
Total, apparatus and appliances.....	\$8,000 00	\$6,513 80	\$671 26	\$7,185 06	\$814 94
Armory.....	\$100,000 00	\$53,172 41	\$12,845 94	\$78,018 35	\$21,981 65
Buildings and grounds.....	50,000 00	47,263 01	2,736 99	50,000 00	.....
Cabinets—					
Closed out.....	3,407 79	3,407 79	.....	3,407 79	.....
Lincoln hall.....	3,480 84	2,792 29	592 16	3,384 45	96 39
Natural history.....	1,111 37	689 59	358 27	1,047 86	63 51
Totals, cabinets.....	\$8,000 00	\$6,889 67	\$950 43	\$7,840 10	\$159 90
Ceramics.....	\$ 30,000 00	\$ 25,126 96	\$ 4,021 71	\$ 29,148 67	\$ 851 33
Ceramics building.....	21,000 00	21,000 00	.....	21,000 00	.....
Chemical laboratory.....	20,000 00	19,822 25	177 75	20,000 00	.....
Clinic building.....	5,000 00	.....	.....	.....	5,000 00
Cold storage.....	9,000 00	.....	.....	.....	9,000 00
Commerce building.....	125,000 00	109,759 42	5,215 83	114,975 25	10,024 75
Crop experiments.....	30,000 00	23,639 06	3,845 06	27,482 12	2,517 88
Dairy barn.....	10,000 00	8,532 15	1,467 85	10,000 00	.....
Dairy investigation.....	30,000 00	29,776 59	223 41	30,000 00	.....
Drains, fences and repairs.....	5,000 00	2,837 74	.....	2,837 74	2,162 26
Engineering building and grounds.....	200,000 00	181,328 49	13,943 97	195,272 46	4,727 54
Engineering extension and maintenance college—					
Closed out.....	74,391 40	74,391 40	.....	74,391 40	.....
College.....	31,975 03	20,905 45	6,800 39	27,705 84	4,269 19
Experiment station.....	43,633 57	28,266 75	11,770 90	40,037 65	3,595 92
Salaries.....	30,000 00	20,999 86	9,000 14	30,000 00	.....
Total, engineering extension and maintenance..	\$180,000 00	\$144,563 46	\$27,571 43	\$172,134 89	\$7,865 11
Fire protection.....	\$ 3,000 00	\$ 3,000 00	.....	\$ 3,000 00	.....
Floriculture.....	16,000 00	15,348 97	651 03	16,000 00	.....
Glass house.....	30,000 00	27,032 24	2,638 81	29,671 05	\$ 328 95
Graduate school.....	100,000 00	68,122 72	19,167 77	87,290 49	12,709 51
Gymnasium.....	5,000 00	5,000 00	.....	5,000 00	.....
Heat and light plant.....	30,000 00	30,000 00	.....	30,000 00	.....

## DISBURSEMENTS—Continued.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Horticulture.....	\$30,000 00	\$27,832 51	\$2,167 49	\$30,000 00	.....
Household science.....	5,000 00	2,627 79	8 27	2,636 06	\$2,363 94
Interest on endowment fund—					
Closed out.....	32,411 82	32,411 82	.....	32,411 82	.....
Agricultural college.....	16,208 02	16,208 02	.....	16,208 02	.....
General.....	16,208 02	11,374 93	4,833 09	16,208 02	.....
Total, interest on endowment fund.....	\$64,827 86	\$59,994 77	\$4,833 09	\$64,827 86	.....
Law building.....	\$ 15,000 00	\$ 10,254 89	\$ 1,156 97	\$ 11,411 76	\$ 3,588 24
Law school.....	50,000 00	39,437 98	7,509 59	46,947 57	3,052 43
Library.....	50,000 00	38,871 91	9,285 53	48,157 44	1,842 56
Live stock specimens.....	22,500 00	20,438 46	1,254 06	21,692 52	807 48
Mines investigation.....	10,000 00	8,581 84	1,409 83	9,991 67	8 33
Mining building.....	25,000 00	24,775 91	224 09	25,000 00	.....
Mining engineering.....	30,000 00	22,168 13	4,734 10	26,902 23	3,097 77
Operating expense—					
Closed out.....	545,561 62	545,561 62	.....	545,561 62	.....
Board expense.....	2,500 00	2,500 00	.....	2,500 00	.....
Comptroller's office.....	3,270 00	1,620 69	830 99	2,451 68	818 32
Furniture and fixtures.....	5,000 00	1,420 24	651 41	2,071 65	2,928 35
Heat and light.....	40,000 00	29,675 42	8,883 26	38,558 68	1,441 32
High school visitor.....	2,900 00	2,071 36	808 61	2,879 97	20 03
Lectures.....	5,000 00	1,909 57	801 10	2,710 67	2,289 33
President's office.....	2,000 00	1,032 32	967 68	2,000 00	.....
Printing and postage.....	12,000 00	6,187 23	5,812 77	12,000 00	.....
Registrar's office.....	4,220 00	3,200 18	1,019 82	4,220 00	.....
Salaries for instruction.....	416,856 20	306,566 11	110,542 18	417,108 29	* 252 09
Salaries for services.....	97,000 00	72,949 10	26,429 06	99,878 16	* 2,378 16
Summer session, 1912.....	13,692 18	13,692 18	.....	13,692 18	.....
Total operating expense.....	\$1,150,000 00	\$988,386 02	\$156,746 88	\$1,145,132 90	\$4,867 10
Pavements and walks.....	\$ 8,000 00	\$ 7,051 81	\$ 779 89	\$ 7,831 70	\$ 168 30
Pharmacy, School of.....	20,000 00	20,000 00	.....	20,000 00	.....
Sheep building.....	2,000 00	2,000 00	.....	2,000 00	.....
Shop practice.....	12,000 00	11,763 13	236 87	12,000 00	.....
Social and political science.....	50,000 00	38,617 32	7,326 79	45,944 11	4,055 89
Soil investigation.....	130,000 00	118,551 63	11,448 37	130,000 00	.....
Soil maps.....	50,000 00	18,525 88	1,730 70	20,256 58	29,743 42
Stock investigation.....	50,000 00	49,887 66	112 34	50,000 00	.....
Telephone exchange.....	3,000 00	2,159 46	548 07	2,707 53	292 47
University (Lincoln) hall.....	250,000 00	249,549 20	.....	249,549 20	450 80
Veterinary college and research laboratory.....	30,000 00	28,399 42	1,600 58	30,000 00	.....
Water investigation.....	30,000 00	24,476 09	4,580 15	29,056 24	943 76
Water station.....	4,000 00	4,000 00	.....	4,000 00	.....
Water survey.....	15,000 00	10,591 03	1,490 59	12,081 62	2,918 38
Woman's building addition.....	125,000 00	94,605 00	23,062 60	117,667 60	7,332 40
Totals, State appropriation.....	\$3,751,127 86	\$3,092,892 99	\$427,937 96	\$3,520,880 95	\$230,296 91

## UNITED STATES APPROPRIATIONS.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Adams fund.....	\$15,000 00	\$10,126 62	\$4,873 38	\$15,000 00	.....
Adams fund receipts.....	1,140 77	.....	.....	.....	\$1,140 77
Hatch fund.....	15,000 00	9,652 28	5,347 72	15,000 00	.....
Hatch fund receipts.....	218 41	212 96	5 45	218 41	.....
Morrill fund—					
Agricultural college.....	12,500 00	12,500 00	.....	12,500 00	.....
General.....	12,500 00	12,500 00	.....	12,500 00	.....
Total, Morrill fund.....	\$25,000 00	\$25,000 00	.....	\$25,000 00	.....

DISBURSEMENTS—*Concluded.*

Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Nelson fund—					
Agricultural college.....	\$12,500 00	\$12,500 00	.....	\$12,500 00	.....
General.....	12,500 00	4,891 37	\$7,608 63	12,500 00	.....
Total, Nelson fund.....	\$25,000 00	\$17,391 13	\$7,608 63	925,000 00	.....
Total U. S. appropriation	\$81,359 18	\$62,383 23	\$17,835 18	\$80,218 41	\$1,140 77
Grand totals .....	\$4,206,617 78	\$3,340,189 55	\$585,944 19	\$3,926,133 74	\$280,484 04

## CASH SUMMARY.

Balance, April 1, 1913 .....	.....	\$800,199 76	
Receipts for the quarter—			
Chief clerk .....	\$47,214 17		
Treasurer (not including remittances of chief clerk).....	18,655 05	65,869 22	
Disbursements for the quarter .....			\$585,944 19
Balance, June 30, 1913—			
Chief clerk .....	\$ 2,128 77		
Treasurer (allowing for outstanding warrants) .....	277,996 02		280,124 79
		\$866,068 98	\$866,068 98

\* Overdrafts.

The Executive Committee adjourned.

C. M. McCONN, *Clerk.*W. L. ABBOTT,  
ALLEN F. MOORE.