

PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
UNIVERSITY OF ILLINOIS,  
FOR THE  
Year Ending August 31, 1899.

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MEETING OF SEPTEMBER 20, 1898.

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The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock a. m., Tuesday, September 20, 1898.

The members present were Messrs. Armstrong, Freeman, McKay, McLean, Raymond, and Smith and Mrs. Flower and Mrs. Carriel; Messrs. Bullard and Morrison came in a little later; the members absent were Governor Tanner and Mr. Pearce.

It was ordered that a requisition be drawn in favor of the State commissioners to meet the bills of Wilson, Moore & McIlvane for services in the Spalding matter, and against the fund appropriated by the Legislature to pay such expenses.

The secretary presented the minutes of the regular meeting of the board held June 7 and 8, 1898, and of the special meeting of July 7, 1898. A motion was made to approve the minutes as presented. Some discussion followed, during which President McKay asked Mr. Smith to take the chair. Mr. McKay moved to amend the proceedings of the meeting of June 7, 1898, by striking out the report from the Committee on Instruction in relation to physics and electrical engineering. (See page 88.) The roll was called upon this amendment and it was lost by the following vote: Yeas, Messrs. Armstrong and McKay; nays, Messrs. Freeman, Morrison, Raymond, McLean, Bullard, and Smith and Mrs. Carriel and Mrs. Flower.

The proceedings were approved by the following vote: Messrs. Freeman, Morrison, Armstrong, Raymond, McLean, Bullard, and Smith and Mrs. Flower and Mrs. Carriel; nay, Mr. McKay.

## COMMUNICATIONS FROM PRESIDENT DRAPER.

## CHANGES IN CORPS INSTRUCTION.

UNIVERSITY OF ILLINOIS, September 19, 1898.

*To the Board of Trustees:*

I recommend the following changes in the Corps of Instruction to take place as of September 1, 1898, viz.:

1. That Jacob Kinzer Shell, M. D., be appointed Professor of Physical Training and Director of the Men's Gymnasium in place of Henry H. Everett, resigned, and that his salary be \$1,600 per year.

2. That William Hand Browne, Jr., be appointed Assistant Professor of Electrical Engineering at \$1,200 per year.

3. That Jennette Emeline Carpenter be appointed Director of the Woman's Gymnasium in place of Ella H. Morrison, resigned, for ten months at \$90 per month.

4. That Henry Livingston Coar be appointed Instructor in Mathematics in place of Alton C. Burnham, resigned, for ten months at \$100 per month.

5. That Lewis Addison Rhoads be promoted from Associate Professor of the German Language and Literature to Professor of same without change of salary.

6. That Edward Charles Schmidt be appointed Instructor in Mechanical Engineering in place of William H. Kavanaugh, resigned, at \$75 per month for ten months.

7. That Laboratory assistants be appointed as follows, each for ten months at \$50 per month, viz.:

In Mechanical Engineering, Edd Charles Oliver.

In Electrical Engineering, Harry Curtiss Marble.

In Entomology, Edward Clarence Green.

In General Engineering Drawing, John Nevins.

I also recommend the appointment of Herbert A. Thompson as mechanician in the departments of Physics and Electrical Engineering for ten months at \$75 per month.

Also the appointment of Miss Olive Faith Saxton as stenographer in the typewriting bureau at \$45 per month.

I also recommend that the Board grant leave of absence on account of illness, and without loss of pay, to Miss Lillie Heath, Secretary to the President, for the month of September.

Also that the messenger in the President's office be paid \$20 per month, and that employment continue during the calendar year.

A. S. DRAPER, President.

This paper was referred to the Committee on Instruction.

## SCHOOL OF MEDICINE.

CHICAGO, August 11, 1898.

*Professor S. W. Shattuck, Business Manager University of Illinois, Champaign, Illinois.*

DEAR SIR:—In accordance with your request Professor Quine and I have gone over the salary list carefully and make the following recommendations for the ensuing year:

J. S. Tomlinson, superintendent, \$83.33 per month.

Miss E. M. Heelan, clerk, \$60 per month.

Mr. Theo. Tieken, Curator, \$36 per month.  
 Mr. Geo. Johnson, Engineer, \$40 per month.  
 Mr. J. McClain, Janitor, \$25 per month.  
 Mr. Assistant Janitor, beginning October 1st, \$25 per month.  
 Mrs. E. R. LeCount, Surgeon Nurse, \$30 per month.  
 Mr. C. C. Hummel, Druggist, \$15 per month.  
 Mr. C. A. Albrecht, Druggist, \$15 per month.  
 Miss Grace Bryant, Librarian, \$40 per month.  
 Dr. W. A. Pusey, Secretary, \$41.66 per month.  
 Professor W. A. Evans, Pathological Laboratory, \$50 per month.  
 Professor J. A. Wesener, Chemical Laboratory, \$75 per month.  
 Professor A. Gehrman, Bacteriological Laboratory, \$25 per month.  
 Professor E. G. Earle, Histological Laboratory, \$25 per month.  
 Professor W. T. Eckley, Anatomical Laboratory, \$60 per month.  
 Dr. Rachelle Yarros, Obstetrical Out-Door Department, \$25 per month.  
 Professor J. H. Curtis, Superintendent Dispensary, \$20 per month.  
 Dr. C. C. O'Byrne, Assistant Superintendent Dispensary, \$20 per month.  
 Professor F. E. Wynekoop, Biological Laboratory, \$10 per month.  
 Professor W. E. Coates, Jr., Experimental Research Laboratory, \$10 per month.

C. C. O'Byrne, Assistant Pathological Laboratory, \$10 per month.

You will observe in this list that we have increased the salaries of only two persons over those paid last year—

Mr. J. S. Tomlinson, Superintendent, whose services have been invaluable to the College, is increased from \$75 to \$83.33 per month, beginning September first.

Professor Eckley is increased from \$50 to \$60 per month, beginning October first.

And the additions to the salary list of the names of Drs. Yarros, \$25, Curtis, \$20, and O'Byrne, \$20, beginning July first.

And Drs. O'Byrne, Wynekoop, and Coates, added to the salary list at \$10 per month each, beginning October first.

In addition to this regular salary list it will be necessary for us to appoint a limited number of senior students as assistants in the various laboratories, whose compensation will be a reduction or remission of fees, instead of a cash salary. The number of such students will approximately be the same as last year, possibly one or two additional.

Our endeavor has been to keep the salary list down to as small a point as possible, compatible with efficient services; and while most of the teachers on the salary list expected an increase this year, we believe they will be satisfied to continue for at least another year under these recommendations.

Approved,

Very truly yours,

WM. E. QUINE, Dean.

D. A. K. STEELE, Actuary.

This paper was referred to the Committee on the School of Medicine.

#### ILLINOIS SCHOOL OF DENTISTRY.

CHICAGO, August 26, 1898.

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

GENTLEMEN:—At a meeting of the stockholders of the Illinois School of Dentistry, held on the 17th day of August, 1898, I was requested by said stockholders to make application to the University of Illinois to become affiliated with said University as its Dental Department.

In making said application I will say that the Columbian Dental College was incorporated under the laws of the State of Illinois, January the 16th, 1893, with a capital of ten thousand dollars (\$10,000), all of which was fully subscribed and paid in.

On the 17th day of August, 1898, the name Columbian Dental College was changed to the Illinois School of Dentistry, with the same capital.

The session of 1897-98 was about an average in attendance, there being fifty-five matriculations. I wish, however, to say that many improvements conducive to the interest and advancement of the school have been accomplished this year. We now have the strongest faculty and the best equipment in the history of the school, and we confidently expect a hundred matriculations this coming season. We feel assured that the school is now on the threshold of a wonderful growth and advancement not heretofore experienced.

Receipts from session of 1897-98.....	\$3,219 45
<i>Disbursements:</i>	
Dental chairs, histological and general equipment.....	1,850 00
Demonstrators and expenses for session of 1897-98.....	1,050 00
Rent to September 1, 1898 .....	1,380 00
Total.....	\$4,280 00
The property of this school consists of dental chairs, cabinets, dental apparatus, college furniture and fixtures valued at.....	\$5,500 00
Bills receivable.....	500 00
Total.....	\$6,000 00

Our circular of information is herewith enclosed.

If the application meets with the approval of the Board, we are ready to comply with any request that the Board may make of our school.

Respectfully submitted,

100 State street.

FRANK N. BROWN, Dean.

OFFICE OF ILLINOIS STATE BOARD OF DENTAL EXAMINERS.

CHICAGO, August 23, 1898.

*Trustees of University of Illinois.*

GENTLEMEN: We are informed by Dr. Frank N. Brown, Dean of the Illinois School of Dentistry, that he intends to make application to your Board at its coming meeting in September for affiliation with the University of Illinois.

We wish to place on file our recommendation of the Illinois School of Dentistry. It is a well equipped school with a competent staff of instructors and every facility to do first-class work. Its diplomas are recognized by the Illinois Board of Dental Examiners, and we bespeak for it a brilliant and prosperous future. It will undoubtedly strengthen your institution to have the school affiliated with you.

Very truly,

W. C. JOCELYN, President.  
J. H. SMYSER, Secretary.

These papers were referred to the Committee on the School of Medicine.

#### CATTLE EXHIBIT AT THE STATE FAIR.

President Draper, at the request of Professor Davenport, asked the Board to consider the question of making an exhibit of cattle at the State Fair in 1899, and the matter was referred to the Committee on Agriculture.

## APPROPRIATIONS.

President Draper recommended an appropriation of \$75 for lighting the chapel by electricity, and the matter was referred to the Committee on Buildings and Grounds with power to act.

President Draper also recommended an appropriation of \$500 for the department of physiology for current expenses. The recommendation was referred to the Finance Committee, and by the chairman of the Committee, Mr. McLean, at once reported back with the approval of the Committee, and the appropriation was thereupon made.

On the ground of merit, Miss Edith Stave was recommended to an honorary scholarship in music, the value of the scholarship to be the amount of her music fees, and the scholarship was granted.

President Draper suggested that it would be well to have now and then free lectures to the students on subjects specially connected with their studies, and \$500 was appropriated to defray the expenses of such lectures.

## STATE LABORATORY OF NATURAL HISTORY.

President Draper presented the report of the Director of the State Laboratory of Natural History, and the report was received and ordered printed on motion of Mr. Bullard. [For this report see page 340, 19th Report.]

President Draper also presented a report from Professor Forbes with regard to transmittal of communications from the State Laboratory of Natural History. This matter was referred to the Committee on Instruction.

## ASTRONOMICAL OBSERVATORY.

At the request of Professor Myers, Director of the Astronomical Observatory, President Draper presented the following resolution and recommended its adoption:

WHEREAS: Professor George C. Comstock of the Washburn Observatory, Madison, Wisconsin, has permitted our Observatory to connect with the institution he directs for an exchange of signals for longitude, has himself taken care of the Madison part of the work of exchange, and has enabled us to profit by his extended experience and excellent judgment in work of this sort; and

WHEREAS: Mr. W. W. Ryder, Superintendent of Telegraph of the C., B. & Q. railway, has loaned the University valuable instruments and ably represented its needs to the officials of the Western Union Telegraph Company; and

WHEREAS: This latter company, through its representative, Mr. C. A. Tubbs, of Chicago, has permitted the University the free use of its lines between Champaign and Madison, Wisconsin, for an hour an evening from June 17 to July 9, for the above mentioned exchange of electric signals; and

WHEREAS: Professor W. W. Payne of Goodsell Observatory has loaned Observatory a personal equation machine for use throughout the exchange of signals; therefore be it

*Resolved*, That we, the Board of Trustees of the University of Illinois, do hereby extend to these men, severally and collectively, and to the Western Union Telegraph Company and its local agents in Champaign and Madison

in particular, our appreciative recognition and sincere thanks for their distinguished and disinterested service to our University and to science.

The resolution was adopted and the Secretary was directed to send a copy of it to the several persons named therein.

#### AGRICULTURAL EXPERIMENT STATION.

President Draper presented the following estimates of appropriations from U. S. Experiment Station funds needed for the quarter beginning October 1, 1898, and on motion of Mr. McLean the appropriations were made:

#### AGRICULTURAL EXPERIMENT STATION—ESTIMATES.

##### *Current Quarter.*

##### *From General fund—*

Take from scientific apparatus \$300, and from heat, light, and water, \$30, and reappropriate as follows:

Publications.....	\$310 00
Traveling expenses.....	15 00
Contingent.....	5 00
Total.....	<u>\$330 00</u>

##### *From Farm fund—*

Labor.....	\$400 00
Seeds, plants, and sundry supplies.....	50 00
Total.....	<u>\$450 00</u>

##### *Quarter Ending December 31, 1895.*

##### *From General fund—*

Salaries.....	\$1,820 00
Labor.....	995 00
Publications.....	100 00
Postage and stationery.....	30 00
Freight and express.....	30 00
Heat, light, and water.....	120 00
Chemical supplies.....	60 00
Feeding stuffs.....	185 00
Library.....	25 00
Tools, implements, and machinery.....	110 00
Scientific apparatus.....	100 00
Traveling expenses.....	100 00
Contingent.....	50 00
Buildings and repairs.....	25 00
Total.....	<u>\$3,750 00</u>

##### *From Farm fund—*

Labor.....	575 00
Seeds, plants, and sundry supplies.....	\$375 00
Total.....	<u>\$950 00</u>

President Draper called attention to the desirability of putting synchronizing clocks in several of the University buildings, to be connected with the Observatory, and run by electricity, and to control the call bells in these buildings. The matter was referred to the Committee on buildings and grounds to report upon later.

President Draper also spoke of the desirability of discontinuing the carriage driveway on the north of Natural History Hall, and this matter was referred to the Committee on buildings and grounds with power to act.

President Draper called attention to the 12th annual meeting of the Association of American Agricultural Colleges and Experiment Stations to be held in Washington in November, and suggested the appointment of delegates. President Draper and Mr. Raymond were

appointed delegates to represent the University and Professor Davenport to represent the U. S. Agricultural Experiment Station, their expenses to be paid.

# SESSION OF TUESDAY AFTERNOON, SEPT. 20, 1898.

The Registrar, W. L. Pillsbury, presented statements of fees due from students during the quarter ending September 30, 1898, and these were referred to the Finance Committee.

## COMMITTEE REPORTS.

### FINANCE COMMITTEE.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Finance Committee begs leave to report that it has examined vouchers submitted by the Business Manager on which warrants have been issued as follows:

General University warrants Nos. 2051 to 2800, inclusive, except warrant No. 2609; Agricultural Experiment Station warrants Nos. 326 to 475, inclusive, except Nos. 421 and 425; State Laboratory of Natural History warrants Nos. 249 to 375, inclusive, except No. 275; School of Pharmacy warrants Nos. 169 to 211, inclusive; School of Medicine warrants Nos. 316 to 475, inclusive, except Nos. 367, 404, 406, 408, 421, 422, 432, 465 and 472, and has found the same correct and duly receipted.

We have also examined the report of the Treasurer of the University for the quarter ending June 30, 1898, and have found that receipts for the quarter, together with the balance on hand at the beginning of the quarter, amount to \$105,705.40; that the amount paid out on warrants during the quarter was \$82,711.20, including overdraft on funds of the School of Pharmacy; and that the balances of all funds on hand amounted to \$23,044.20 June 30, 1898.

We submit herewith the report of the Treasurer and ask that it be made a part of the record.

Respectfully submitted,

ALEX MCLEAN,

T. J. SMITH,

I. S. RAYMOND,

Finance Committee.

## TREASURER'S REPORT.

E. G. KEITH, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS

June 30, 1898

Dr.		
Balance March 31, 1898.....		\$ 23,557 47
1898.		
April 4, From United States Treasurer, quarterly appropriation for Agricultural Experiment Station fund.....	\$ 3,750 00	
April 25, Received from State Treasurer for general fund.....	26,850 00	
April 27, Received from State Treasurer for general fund.....	2,250 00	
April 27, Received from State Treasurer for Laboratory of Natural History fund.....	5,850 00	
April 30, Received from State Treasurer for general fund.....	20,000 00	
May 13, Received from State Treasurer for general fund.....	12,730 96	
May 31, Received from S. W. Shattuck, paid warrants for general fund.....	2,310 02	
May 31, Received from S. W. Shattuck, for Agricultural Experiment Station fund.....	877 47	
June 17, Received from S. W. Shattuck, paid warrants for general fund.....	3,625 56	
June 17, Received from University of Illinois, investment account for interest on bonds.....	182 50	
June 30, Received from S. W. Shattuck, for credit School of Medicine fund.....	3,000 00	
June 30, Received from S. W. Shattuck, for credit School of Pharmacy fund.....	762 42	\$82,197 93
		\$105,755 40

1898	Cr.		
June 30, By amount paid out of general fund as per list of warrants herewith.....		\$58,663 31	
June 30, By amount paid out of Agricultural Experiment Station fund as per list of warrants herewith.....		4,762 02	
June 30, By amount paid out of Laboratory of Natural History fund as per list of warrants herewith.....		2,551 34	
June 30, By amount paid out of School of Pharmacy fund as per list of warrants herewith.....		2,228 83	
June 30, By amount paid out of School of Medicine fund as per list warrants herewith.....		14,505 70	
<i>Balances—</i>			\$82,711 20
General fund.....		\$17,734 38	
Agricultural Experiment Station fund.....		1,682 02	
Laboratory of Natural History fund.....		2,936 63	
School of Medicine fund.....		3,416 20	
		\$25,769 23	
School of Pharmacy fund (overdrawn).....		2,725 03	\$23,044 20
			\$105,755 40

E. G. KEITH, Treasurer.

## COMMITTEE ON INSTRUCTION.

URBANA, June 20, 1898.

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

GENTLEMEN.—Your Committee on Instruction, after careful consideration of the question of adopting the Illinois School of Dentistry, respectfully recommends that further consideration of this question be referred to a special committee to be appointed by the chair; the committee to report at the March meeting.

Respectfully submitted,

J. E. ARMSTRONG,  
J. H. FREEMAN,  
S. A. BULLARD,  
T. J. SMITH,

Committee on Instruction.

The Committee on Instruction returned the paper presented by President Draper concerning changes in the corps of instruction (see page 2) with the recommendation that appointments be made and moneys appropriated in accordance therewith, and the report of the committee was adopted.

URBANA, SEPTEMBER 20, 1898.

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

GENTLEMEN:—Your Committee on Instruction recommends that the resolution adopted concerning the transmission of communications and report (see page 88) be amended to read as follows:

*Resolved*, That hereafter the recommendations of the President shall be presented to the Board with such explanation thereon as he may see fit to offer; that by general consent action may be had thereon at once; and that upon the request of any member any recommendation shall be referred to the proper committee for report at the same meeting of the Board.

Nothing herein contained is intended to change the relations heretofore existing between the University and related institutions, nor to impose upon the President of the University any official responsibility beyond that of giving information and expressing opinions touching matters presented, as he may desire.

Respectfully submitted,

J. E. ARMSTRONG,  
J. H. FREEMAN,  
S. A. BULLARD,  
T. J. SMITH,

Committee on Instruction.



The recommendation of the committee was adopted.

The Committee on Instruction returned the list of appointments for the School of Medicine with the recommendation that appointments be made for the ensuing year at the salaries named and that authority be given to appoint a limited number of assistants, as might be found necessary. The report of the Committee was adopted.

#### COMMITTEE ON AGRICULTURE.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Committee on Agriculture recommends that \$144.00 be appropriated and paid to Mr. Sullivan when he shall have furnished a ten-inch tile drain as an outlet for drains on the south farm and made connections with them.

Also an appropriation of \$60.00 for repairs on house, barn, and feed lot fences on the south farm.

Respectfully submitted,

I. S. RAYMOND,

Chairman Finance Committee.

The recommendations of the Committee were adopted.

#### COMMITTEE ON BUILDINGS AND GROUNDS.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Committee on Buildings and Grounds begs leave to report that it has taken into consideration the purchase of a system of clocks for the University and recommends the purchase of a synchronizing clock to be placed in the Astronomical Observatory, and of three smaller clocks, one to be placed in Library Hall, one in Electrical Laboratory, and one in University Hall, and that the system of bell alarms in the University be connected with the clock in Electrical Laboratory.

S. A. BULLARD,

T. J. SMITH,

J. E. ARMSTRONG,

MRS. LUCY L. FLOWER,

Committee on Buildings and Grounds.

An appropriation of \$125.00 was made to carry out the recommendation of the Committee.

An appropriation of \$15 was made to pay P. S. Robinson for services in the fall and winter terms of last year in the military band.

A communication from Joseph Kuhn & Son, of Champaign, in relation to uniforms for the battalion, was referred to the Committee on Students' Welfare.

An elaborate report of tests made on Illinois coals by Professor Breckenridge and Professor Parr was received and referred to Mr. Morrison for examination and report.

Mrs. Carriel moved that the use of Military Hall be granted for a charity ball, the proceeds to be given to the Julia F. Burnham Hospital.

The motion failed upon the following vote: Yeas, Messrs. Bullard, and Smith and Mrs. Carriel; nays, Messrs. Freeman, Armstrong and McKay and Mrs. Flower.

Mrs. Carriel urged the giving instruction in the University in vocal sight reading of music. On the motion of Mr. McLean this sub-

ject, together with that of giving instruction in elocution and oratory, was referred to the Committee on Instruction for report at the December meeting.

The question of accepting Mr. Swenson's resignation, consideration of which was postponed from the meeting of July 7th, was then taken up. Mrs. Carriel moved to lay the resolution on the table. During the discussion upon this motion Mr. McLean occupied the chair. This motion failed on the following vote: Yeas, Messrs. Morrison, McLean, and Freeman and Mrs. Carriel; nays, Messrs. Armstrong, Raymond, Bullard, and McKay; absent from the room, Mr. Smith and Mrs. Flower.

The resolution was then, on motion of Mr. Bullard, adopted by the following vote: Yeas, Messrs. Armstrong, Raymond, Bullard, McKay, and Freeman; nays, Messrs. Morrison, and McLean, and Mrs. Carriel.

Upon the recommendation of President Draper, \$150 was appropriated for the use of the mechanical engineering department.

#### COAL REPORT.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Committee on Buildings and Grounds begs leave to report concerning the contract it has made for coal for the ensuing year.

Your committee called for bids for coal by advertising three insertions in the *Inter-Ocean and Record*, of Chicago, and the *Journal and Register* of Springfield. The terms of the advertisement were also sent to all the coal companies whose names had been retained by the Business manager as having been bidders at previous lettings, and all others whose names he could obtain, thirty-three companies in all.

Bids were received and, in the opinion of your committee, the best proposal was from the Odin Coal Co. So it was therefore concluded to contract with the Odin Coal Co. for 3,000 tons of slack coal at 70 cents a ton, and for 1,000 tons of pea coal at \$1 a ton for the year ending July 1, 1899. All coal to be delivered at Champaign.

Respectfully submitted,

S. A. BULLARD,  
T. J. SMITH,  
J. E. ARMSTRONG,

Committee on Buildings and Grounds.

The report of the Committee was adopted.

#### BUSINESS MANAGER'S REPORT.

The Business Manager made the following report, which was referred to the Finance Committee.

UNIVERSITY OF ILLINOIS, September 19, 1898.

*F. M. McKay, Esq., President Board of Trustees, University of Illinois,*

SIR: I have the honor to transmit herewith the following financial statements:

*Paper A* is a statement of the current appropriations June 30, 1898.

*Paper B* is a statement of the State appropriations June 30, 1898.

*Paper D* is a statement of the Laboratory of Natural History fund June 30, 1898.

*Paper E* is statement of the Agricultural Experiment Station fund June 30, 1898.

*Paper F* is the statement of the School of Pharmacy appropriations June 30, 1898.

*Paper G* is the statement of the School of Medicine appropriations June 30, 1898.

*Paper H* is an estimate of receipts and expenses for the twelve months ending June 30, 1898.

*Paper I* is a list of appropriations the Board is requested to make for the three months ending December 31, 1898.

*Paper L* is a statement of receipts by the Business Manager for the three months ending June 30, 1898.

*Paper M* is a list of the general University vouchers presented for audit being 2051 to 2800, inclusive.

*Paper N* is a list of the Laboratory of Natural History vouchers presented for audit, being 249 to 315, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 326 to 474, inclusive.

*Paper P* is a list of the School of Pharmacy vouchers presented for audit, being 169 to 211, inclusive.

PAPER A—CURRENT APPROPRIATIONS.

June 30, 1898.	Appropriated.	Expended.	Balance.
Board expenses.....	\$2,592 26	\$1,842 60	\$749 66.
Salaries for instruction { Current .....	110,208 83	14,686 95	.....
U. S. Fund .....		23,000 00	
State .....		72,521 88	
Salaries for services { Current .....	19,699 69	13,905 01	.....
State .....		5,794 68	
Buildings and grounds .....	4,100 00	3,618 02	451 98.
Fuel and lights .....	11,699 67	11,651 19	48 48
Stationery and printing .....	3,109 11	2,310 45	798 66
Preparatory School .....	4,679 91	4,680 36	.....
Repair shop .....	4,506 00	3,860 08	645 92
Mechanical department .....	2,420 75	2,108 48	312 27
Departments .....	1,620 75	696 67	924 08.
Laboratories .....	5,137 63	3,555 16	1,582 47
Library and apparatus .....	253 18	77 66	175 52
Incidentals .....	3,022 77	2,232 32	790 45.
<i>Sundries.</i>			
Closed out .....	539 00	539 00	.....
Furniture and fixtures .....	1,006 98	647 70	359 28
Heating apparatus .....	1,490 55	363 69	1,126 86
Water supply .....	1,000 00	875 00	125 00
Minnesota lands .....	322 72	189 76	132 96
Greenhouse .....	400 25	86 96	313 29
South farm .....	257 15	269 92	.....
State Fair exhibit .....	500 00	372 22	127 78
Removal of men's gymnasium .....	1,000 00	417 45	582 55
Winter School of Agriculture .....	100 00	85 45	14 55
Moving to Library Hall .....	500 00	192 63	307 37
Library School .....	400 00	302 00	98 00
Blue print room .....	350 00	216 33	133 67
Military band scholarships .....	495 00	472 50	22 50
President's expenses .....	88 65	88 65	.....
Court expenses .....	38 45	38 45	.....
Commencement .....	800 00	450 86	349 14
Heating plant .....	500 00	478 09	21 91
Summer School .....	300 00	88 04	211 96.

## PAPER B—STATE APPROPRIATIONS, JUNE 30, 1898.

1895-1897.	Received.	Expended	Balance.	As- signed.
<i>Salaries, etc.—</i>				
Closed out.....	\$175,904 26	\$175,904 26		
College of Literature and Arts, books.....	200 00	185 61	\$14 39	\$14 39
Mechanical engineering laboratory.....	695 00	677 26	17 74	17 74
Chemical laboratory (repairs).....	9,180 00	9,035 48	144 52	144 52
Law school.....	3,735 67	3,116 33	619 34	619 34
	\$189,714 93	\$188,918 94	\$795 99	\$795 99
<i>Apparatus and materials—</i>				
Closed out.....	\$5,600 00	\$5,600 00		
Geology.....	400 00	332 46	\$67 54	\$67 54
	\$6,000 00	\$5,932 46	\$67 54	\$67 54
<i>Laboratory of Vegetable Physiology.....</i>	\$2,000 00	\$1,975 30	\$24 70	\$24 70
<i>Vaccine Laboratory.....</i>	\$3,000 00	\$3,000 00		
<i>College of Engineering.....</i>	\$30,000 00	\$30,000 00		
<i>Furnishing and fitting Engineering Hall—</i>				
Closed out.....	\$1,670 20	\$1,670 20		
Architecture.....	770 38	769 80	\$ 58	\$ 58
Municipal and sanitary engineering.....	401 30	394 90	6 40	6 40
Mechanical department.....	563 78	541 23	22 55	22 55
Electrical engineering and physics.....	1,193 39	1,112 27	81 12	81 12
College, library, etc.....	400 95	383 46	17 49	17 49
	\$5,000 00	\$4,871 86	\$128 14	\$128 14
<i>Cabinets—</i>				
Geology.....	\$666 67	\$652 86	\$13 81	\$13 81
Botany.....	666 66	38 39	628 27	628 27
Zoölogy.....	666 67	223 95	442 72	442 72
	\$2,000 00	\$915 20	\$1,084 80	\$1,084 80
<i>Salaries, etc.—</i>				
Closed out.....	\$4,400 00	\$4,400 00		
Salaries for instruction.....	59,790 92	59,790 92		
Salaries for services.....	5,794 68	5,794 68		
Agricultural department.....	3,556 00	3,524 06	\$31 94	\$31 94
Administrative offices.....	300 30		300 00	300 00
Advertising.....	3,000 00	1,360 17	1,639 83	1,639 83
Art and design.....	300 00	89 62	210 38	210 38
Accredited schools.....	500 00	108 00	392 00	392 00
Buildings and grounds.....	5,160 54	5,160 54		
College of Literature and Arts.....	250 00		250 00	250 00
Conservatory.....	5,526 32	5,526 32		
Coal tests.....	150 00	80 00	70 00	70 00
Decorating Library Hall.....	3,500 00	2,500 00	1,000 00	1,000 00
Furniture and fixtures.....	700 00	451 96	158 04	158 04
Heating apparatus.....	1,500 00	1,438 37	61 63	61 63
Illinois Agriculturist.....	123 40	100 00	23 40	23 40
Illinois Field.....	3,000 00		3,000 00	3,000 00
Illini.....	500 00	500 00		
Heating plant.....	2,000 00		2,000 00	2,000 00
Library supplies.....	550 00	433 72	116 28	116 28
Lockjaw experiment.....	50 00	23 40	26 60	26 60
Mechanical engineering shops.....	210 00	58 06	152 00	152 00
Oratorical contest.....	200 00	200 00		
Physical training.....	500 00	483 25	16 75	16 75
Preparatory School.....	250 00	10 71	239 29	239 29
School of Music.....	500 00	431 21	68 79	68 79
Technograph.....	100 00	100 00		
Typewriting bureau.....	250 00	199 23	50 77	50 77
Woman's department.....	300 00		300 00	300 00
Unassigned.....	7,037 54		7,037 54	
	\$110,000 00	\$92,854 16	\$17,145 84	\$10,108 30
<i>Endowment Fund Interest.....</i>	\$12,730 96	\$12,730 96		
<i>Completing Library Hall.....</i>	\$5,000 00	\$5,000 00		
<i>Bridge on Burrill Avenue.....</i>	\$500 00	\$500 00		

Paper B—*State Appropriations*—Concluded.

1897-1899]	Received.	Expended	Balance.	Assigned.
<i>Engineering Equipment—</i>				
Architecture.....	\$500 00	\$399 04	\$160 96	\$160 96
Civil engineering.....	500 00	139 43	330 57	330 57
Mechanical engineering.....	3,750 00	2,353 07	1,396 93	1,396 93
Physics and electrical engineering.....	3,750 00	2,999 53	750 47	750 47
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,000 00	637 61	362 39	362 39
College (in general).....	500 00	160 97	339 03	339 03
	\$10,000 00	\$6,659 65	\$3,340 35	\$3,340 35
<i>Apparatus and Materials—</i>				
Astronomical Observatory.....	\$510 00	\$408 57	\$101 43	\$101 43
Applied chemistry.....	175 00	21 67	153 33	153 33
Botany and horticulture.....	340 00	306 79	33 21	33 21
Chemistry.....	500 00	410 26	89 74	89 74
Geology.....	200 00		200 00	200 00
Physical training.....	200 00	200 00		
Psychology.....	50 00	31 12	18 88	18 88
Physiology.....	500 00	435 39	64 61	64 61
Zoölogy.....	200 00	112 31	87 69	87 69
Unassigned.....	325 00		325 00	
	\$3,000 00	\$1,926 11	\$1,073 89	\$748 89
<i>Furnishing Library Hall.....</i>	\$5,000 00	\$4,855 61	\$144 39	\$144 39
<i>Fire protection.....</i>	\$1,000 00	\$200 77	\$799 23	\$799 23
<i>Vaccine Laboratory.....</i>	\$1,200 00	\$448 74	\$751 26	\$751 26
<i>Equipment of men's gymnasium.....</i>	\$3,000 00	\$2,919 02	\$80 98	\$80 98
<i>Cabinets.....</i>	\$1,000 00		\$1,000 00	\$1,000 00
<i>Taxes on Minnesota lands.....</i>	\$1,800 00	\$1,738 81	\$61 19	\$61 19
<i>Water survey.....</i>	\$3,000 00	\$2,105 17	\$894 83	\$894 83
<i>Chemical equipment.....</i>	\$5,000 00	\$3,717 06	\$1,282 94	\$1,282 94
<i>Library.....</i>	\$5,000 00	\$3,968 35	\$1,031 65	\$1,031 65
<i>Pavements and walks.....</i>	\$3,000 00	\$2,828 57	\$171 43	\$171 43
<i>Shop practice.....</i>	\$1,500 00	\$1,123 49	\$376 51	\$376 51
<i>Central heating plant.....</i>	\$40,000 00	\$39,992 46	\$7 54	\$7 54

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance July 1, 1896.....	\$253 68	\$7 20	\$245 96	\$245 96
Closed out.....	8,150 90			
Report of Entomologist.....	250 00	192 42	57 58	57 58
Diseases of insects.....	1,500 00	1,413 89	86 11	86 11
	\$10,153 68	\$9,764 03	\$389 65	\$389 65
1897-1899	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants.....	\$4,000 00	\$4,000 00		
Field office, etc.....	1,500 00	1,379 99	\$120 01	\$120 01
Library.....	1,500 00	1,191 59	308 41	308 41
Bulletins.....	750 00	679 54	70 46	70 46
Report of Entomologist.....	250 00		250 00	250 00
Biological Experiment Station.....	3,000 00	2,980 10	19 90	19 90
	\$11,000 00	\$10,231 22	\$768 78	\$768 78

## PAPER E—AGRICULTURAL EXPERIMENT STATION.

1897-198.	Appropriated.	Expended.	Balance.
<i>General Fund.</i>			
Salaries.....	\$7,209 93	\$7,209 93	
Labor.....	3,268 42	3,268 42	
Publications.....	840 90	840 90	
Postage and stationery.....	103 39	103 39	
Freight and express.....	189 51	189 51	
Heat, light, and water.....	120 00	120 00	
Chemical supplies.....	51 00	51 00	
Seeds, plants, and sundries.....	424 64	424 64	
Feeding stuffs.....	471 75	471 75	
Library.....	271 92	271 92	
Tools, implements, and machinery.....	570 80	570 80	
Furniture and fixtures.....	31 00	31 00	
Scientific apparatus.....	648 29	648 29	
Live stock.....	40 00	40 00	
Traveling expenses.....	248 09	248 09	
Contingent.....	191 58	191 58	
Buildings and repairs.....	318 78	318 78	
	\$15,000 00	\$15,000 00	
<i>Farm Fund.</i>			
Labor.....	\$2,143 49	\$2,137 08	\$6 41
Seeds, etc.....	1,003 51	1,003 51	
	\$3,147 00	\$3,140 59	\$6 41

## PAPER F—SCHOOL OF PHARMACY.

1897-1898.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$4,689 47	\$4,686 47	
Salaries for services.....	1,750 00	1,750 00	
Buildings and grounds.....	3,081 10	3,081 10	
Fuel and lights.....	494 36	494 36	
Stationery and printing.....	261 27	261 27	
Laboratories.....	1,366 67	1,366 67	
Library.....	5 50	5 50	
Incidentals.....	659 90	659 90	
Sundries.....	199 69	199 69	
Advertising.....	917 82	917 82	
Furniture and fixtures.....	98 36	98 36	
Museum.....	22 50	22 50	
Unassigned.....	144 75		\$144 75
	\$13,698 39	\$13,493 64	\$144 75

## PAPER G—SCHOOL MEDICINE.

1897-1898.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$ 3,285 66	\$ 3,285 66	
Salaries for services.....	5,068 87	5,068 87	
Buildings and grounds.....	14,707 55	14,707 55	
Fuel and lights.....	1,783 85	1,783 85	
Stationery and printing.....	372 30	372 30	
Laboratories.....	2,562 15	2,562 15	
Books and publications.....	25 00	25 00	
Apparatus and materials.....	2,786 42	2,786 42	
Incidentals.....	1,061 72	1,061 72	
Advertising.....	4,144 92	4,144 92	
Furniture and fixtures.....	298 21	298 21	
Sundries.....	512 50	512 50	
Unassigned.....	3,390 85		\$ 3,390 85
	\$40,000 00	\$36,609 15	\$ 3,390 85

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
JUNE 30, 1898.

University fees.....	\$4,719 32	
Music fees.....	772 32	
Diploma fees.....	510 00	
Preparatory School fees.....	1,127 46	
Locker fees for year.....	197 25	
Chemical laboratory.....	1,098 69	
Physical laboratory.....	223 78	
Physiology.....	110 65	
Zoology.....	141 38	
Botany.....	55 25	
Mineralogy.....	24 86	
Geology.....	134 67	
Psychology.....	2 00	
Astronomy.....	122 75	
Civil engineering.....	135 50	
Electrical engineering.....	139 00	
General engineering drawing.....	200 14	
Laboratory applied mechanics.....	6 00	
Preparatory laboratories.....	88 33	
Buildings and grounds.....	17 00	
Fuel and lights.....	125 03	
Greenhouse.....	247 71	
Heating apparatus.....	37 00	
Blue print room.....	197 94	
Repair shop.....	42 10	
South farm.....	1,310 00	
Minnesota lands.....	30 20	
Land contracts, principal.....	902 60	
Land contracts, interest.....	3 00	
Mechanical department.....	108 13	
Library School.....	242 87	
School of Medicine.....	6,031 60	
School of Pharmacy.....	762 92	
Agricultural Experiment Station.....	1,233 43	
Incidentals.....	189 87	
		\$21,290 78

*Paper Q* is a list of the School of Medicine vouchers presented for audit, being 316 to 475, inclusive.

*Paper R* is a statement by Professor Forbes of the receipts from fees at the Summer School at Havana.

The Board is requested to appropriate for the Agricultural Department \$600 as pay for three men for six months, July 1, 1898, to January 1, 1899.

Respectfully submitted,

S. W. SHATTUCK, Business Manager.

Mr. McLean, Chairman of the Finance Committee, at once reported from the Committee recommending appropriations as asked for in paper I, as submitted by the Business Manager.

## APPROPRIATIONS FOR THREE MONTHS ENDING DECEMBER 31, 1898.

Board expenses.....	\$500 00	
Salaries for instruction.....	36,000 00	
Salaries for services.....	6,000 00	
Buildings and grounds.....	2,000 00	
Fuel and lights and electric power.....	4,000 00	
Stationery, printing, etc.....	1,000 00	
Advertising and postage.....	1,000 00	
Repair shop.....	1,000 00	
Mechanical department.....	500 00	
Departments.....	300 00	
Laboratories.....	1,000 00	
Library and apparatus.....	50 00	
Incidentals.....	800 00	
Furniture and fixtures.....	500 00	
Heating apparatus.....	500 00	
Water supply.....	500 00	
Greenhouse.....	200 00	
Blue print room.....	200 00	
Stone posts.....	160 00	
Library school.....	200 00	
Library supplies.....	200 00	\$56,610 00
School of Pharmacy.....	4,000 00	
School of Medicine.....	12,000 00	
Agricultural Experiment Station.....	4,500 00	
Laboratory of Natural History.....	3,000 00	
Water survey of State.....	750 00	
		\$24,250 00
		\$80,860 00

On motion of Mr. Raymond, \$600 was appropriated to pay farm hands for the six months ending Dec. 31, 1898. Also on motion of Mr. Raymond, the Superintendent of Buildings and Grounds was directed to have the noxious weeds on the rifle range destroyed.

The matter of the drain through the forest and on the road east thereof was referred to the Farm Committee to report at the December meeting.

On motion of Mr. Bullard it was voted to appoint a committee consisting of the President of the University, the President of the Board, and three other members of the Board to consider what appropriations should be asked of the next Legislature, and to report thereon at the December meeting of the Board.

Messrs. McLean, Bullard, and Armstrong were appointed upon this committee.

It was voted to ask Professor Ricker, Professor White, and the Superintendent of Buildings and Grounds to investigate the condition of the walls and the heating and ventilation of Library Hall, and to report thereon at the December meeting of the Board.

On motion of Mr. Raymond, it was voted to invite the State Farmers' Institute to hold its next regular meeting at the University and to tender to the Institute the use of such rooms and other facilities at the University as it might need.

President McKay appointed Mrs. Flower and Messrs. Bullard and Armstrong the Special Committee to consider the proposition of the Illinois College of Dentistry.

On motion of Mr. McLean it was voted to adjourn to meet in the office of the State Superintendent of Public Instruction, in Springfield, at 9 o'clock a. m., Thursday, September 29, 1898.

W. L. PILLSBURY,  
Secretary.

F. M. MCKAY,  
President.