

## Meeting, June 20, 1908.

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A special meeting of the Board of Trustees of the University of Illinois was held at the Palmer House in Chicago, June 20, 1908, pursuant to the following notice which was sent out by the Secretary, June 15, 1908:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Palmer House in Chicago at 9:00 o'clock a. m., Saturday, June 20, 1908, to consider matters submitted by President James and such other matters as may be duly presented.

When the board met pursuant to this call the following members were present: Messrs. Abbott, Davison, Hatch and Lehman and Mrs. Alexander and Mrs. Busey; absent, Governor Deneen and Messrs. Blair, Madden and Mrs. Evans.

President James was present.

### REPAIRS IN UNIVERSITY HALL.

Mr. Abbott presented a recommendation for the appropriation of an additional sum of two hundred dollars for repairs in University hall made by Dean Greene and endorsed by the Supervising Architect Mr. White.

The recommendation was approved and the amount named appropriated.

### SCREENS FOR LIBRARY BUILDING.

The recommendation for screens on the Library building at a cost of \$350.00 approved by the Supervising Architect, Mr. White, was presented by Mr. Abbott, and was referred on motion of Mrs. Alexander to the Committee on Buildings and Grounds with power to act.

### REPAIRS ON PRESIDENT'S HOUSE.

A recommendation from the Supervising Architect, Mr. White, that an appropriation be made as follows for repairs on the President's house, was referred on motion of Mrs. Busey to the Committee on Buildings and Grounds with power to act:

Washing exterior of house and painting porches .....	\$72 65
Interior varnishing, including first-story floors and those of second-story hall and two bedrooms and in southeast room on first floor....	60 00
Painting walls in southeast room, first floor .....	11 34
Rehanging loose burlap in other first-floor rooms .....	5 00
Refinishing walls in 2 bathrooms .....	12 00
Refinishing walls of the 2 east bedrooms.....	40 80

Total .....	\$201 79
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## MATTERS PRESENTED BY PRESIDENT JAMES.

## BUDGET OF COLLEGE OF MEDICINE.

1. A recommendation that the budget of the Medical School as submitted by the medical faculty for the academic year 1908-09 be approved.

Approved on motion of Mrs. Busey.

<i>Medical Department—</i>		
Estimated income.....		\$70,000 00
Salaries for instruction.....	\$ 9,450 00	
Salaries for services.....	16,500 00	
Building, ground and rent.....	12,000 00	
Four per cent interest on High School property.....	11,052 06	
Fuel and light.....	5,000 00	
Stationery and printing.....	500 00	
Laboratories.....	4,000 00	
Apparatus and material.....	1,000 00	
Advertising and announcements.....	3,000 00	
Museum.....	300 00	
Furniture and fixtures.....	300 00	
Dispensary (West Side Free).....	500 00	
Incidentals.....	500 00	
General repairs.....	2,000 00	
Laundry.....	500 00	
Library.....	250 00	
Maternity hospital.....	1,500 00	
Total .....		68,152 06
Credit balance.....		\$1,847 94
<i>Appointments and Salaries in the College of Medicine—</i>		
Department of Anatomy:		
Professor H. O. White.....	\$900 00	
Professor H. E. Santee.....	300 00	\$1,200 00
Department of Chemistry and Physiology (Medical and Dental):		
Professor George P. Dreyer (Physiology).....	\$2,500 00	
Professor George P. Dreyer (Sopho. Chemistry).....	380 00	
Assistant Professor (Fresh. Chemistry).....	300 00	
Laboratory assistant.....	100 00	3,200 00
Department of Pathology:		
Adjunct Professor C. C. O'Bryne.....	\$800 00	
Graduate assistants.....	100 00	
One working assistant.....	360 00	1,060 00
Department of Bacteriology and Hygiene:		
Professor Adolph Gehrman.....	\$300 00	800 00
Department of Materia Medica:		
Professor Bernard Fantus.....	\$700 00	
Professor E. L. Heintz.....	250 00	
Two assistants.....	100 00	1,050 00
Department of Microscopical and Chemical Diagnosis:		
	\$600 00	800 00
Department of Biology, Embryology, and Histology:		
Total for Medical and Dental Departments, assistants included.....	\$1,200 00	1,200 00
Department of Surgical Pathology:		
One graduate assistant.....	\$200 00	200 00
Department of Obstetrics:		
Professor Rachelle Yarros.....	\$500 00	
One graduate assistant.....	360 00	
Servant.....	180 00	1,040 00
Library:		
Metta M. Loomis.....	\$720 00	720 00
Museum:		
Dr. Anna M. Mulholland.....	\$500 00	
James W. North.....	600 00	1,100 00
Curator of Laboratories:		
Frank L. Townsley.....	\$480 00	
H. W. Cole.....	480 00	960 00

*Appointments and Salaries in the College of Medicine—Concluded.*

## Dispensary:

Mrs. Josephine Allen (nurse) .....	\$480 00	
Elmer W. Mosley (druggist) .....	480 00	
		\$ 960 00

## Clinics:

Elizabeth Van Hoesen, (nurse) .....	\$480 00	
		480 00

## Miscellaneous services:

Dr. Frank B. Earle, secretary .....	\$1,200 00	
William H. Browne, superintendent .....	2,000 00	
Elizabeth M. Heelan, college clerk .....	720 00	
Margaret Vaughn, stenographer .....	720 00	
J. S. Tomlinson, actuary's clerk .....	1,200 00	
J. C. Southwell, engineer .....	1,200 00	
One night engineer, (4 months) .....	240 00	
Two firemen .....	1,440 00	
Head janitor .....	660 00	
Four janitors .....	1,440 00	
One elevator man .....	360 00	

Total ..... 11,180 00

Total for instruction and services ..... \$25,750 00

*Dental Department—*

Estimated income .....		\$17,000 00
Salaries for instruction .....	\$8,200 00	
Salaries for service .....	1,920 00	
Fuel and light .....	1,000 00	
Stationery and printing .....	200 00	
Laboratories and clinics .....	2,400 00	
Advertising and announcement .....	1,100 00	
Furniture and fixtures .....	100 00	
Incidentals .....	175 00	
Laundry .....	250 00	

Total ..... 15,345 00

Credit balance ..... \$1,655 00

*Appointments and Salaries in College of Dentistry—*

Prof. George W. Cook, bacteriology, pathology, and therapeutics .....	1,000 00	
Prof. Don M. Gallie, operative dentistry and operative technic .....	800 00	
Prof. George W. Dittmar, clinical operative dentistry .....	800 00	
Prof. Charles E. Jones, materia medica, and therapeutics .....	1,200 00	
Prof. F. E. Roach, prosthetic dentistry .....	800 00	
Prof. J. A. Burrell, orthodontia .....	400 00	
Prof. F. B. Moorehead, oral surgery .....	200 00	
Prof. H. O. White, general and regional anatomy .....	600 00	
Prof. J. F. Burkholder, physiology .....	300 00	
Prof. Arthur Lederer, chemistry .....	200 00	
Associate Prof. Louis E. Bake, porcelain technic .....	800 00	

\$7,100 00

*Demonstrators—*

Arthur G. Nawman, operative department .....	\$200 00	
Henry C. Lee, operative department .....	200 00	
Edwin P. Swatek, prosthetic department .....	600 00	
Laboratory assistants .....	100 00	

\$1,100 00

*Miscellaneous—*

Katherine Gerrity, office clerk .....	\$360 00	
Maud Gubbins, infirmary clerk .....	360 00	
One head janitor .....	480 00	
One janitor .....	360 00	
One elevator man .....	360 00	

Total ..... \$ 1,920 00

Total for dental department ..... 10,120 00

Total for medical department ..... 25,750 00

Total for both departments ..... \$35,870 00

## LUNETTES DONATED BY THE FIELD MUSEUM.

2. The Field Museum of Natural History of Chicago offered to present to the University two lunettes by Millet and Earle which were painted for the Chicago Exposition and which are now in its possession. After consulting with Professr Wells and Professor White I accepted this gift subject to the approval of the board. It is the opinion both of Professor Wells and Professor White that these lunettes have considerable artistic value and that they may very properly be added to our collections or possibly be placed in the auditorium as one of the decorative features.

Recommend, further, that the lunette representing the return of Ulysses be placed upon the back wall above the stage in the auditorium and that a recommendation as to placing the lunette representing the origin of Ceramics be requested from a committee consisting of the Supervising Architect, Professor Wells, Professor Lake and Professor Ricker.

Voted on motion of Mr. Hatch that the donation by the Field Museum of Natural History of the two lunettes of Millet and Earle be gratefully accepted and that the Secretary acknowledge the same to the museum.

Voted on motion of Mr. Hatch that the recommendation with regard to the placing of these lunettes be adopted.

## CIVIL ENGINEERING DEPARTMENT.

3. Recommendation from the Dean of the Engineering College that Professor Baker's administrative duties in the department of civil engineering for the coming year be assigned to Associate Professor Brooks, and that Professor B. Sanborn of Tufts College be appointed assistant professor of civil engineering for one year from September 1, 1908, at a salary of \$1,750 for the year.

Voted on motion of Mrs. Alexander that the recommendation with regard to Professor Brooks be approved and that Professor Frank B. Sanburn be appointed for the term and at the salary named.

4. A recommendation from the Dean of the College of Engineering that Shelby S. Roberts be appointed for one year assistant professor of railway civil engineering in the University of Illinois at a salary of \$2,000, service and salary to begin September 1, 1908.

Mr. Shelby S. Roberts was appointed as recommended on motion of Mrs. Alexander.

## AGRICULTURAL COLLEGE AND STATION FUNDS.

5. Recommendations for departmental appropriations in the College of Agriculture and in the Agricultural Experiment Station.

a. The Director of the Agricultural Experiment Station and the Dean of the College of Agriculture presents the following statement of appropriations requested and funds available to meet the estimates of the academic year 1908-09:

<i>From College Funds—</i>	
For Department of Agronomy.....	\$14,000 00
For Department of Animal Husbandry.....	14,000 00
For Department of Dairy Husbandry.....	14,000 00
For Department of Horticulture.....	14,000 00
For Department of Household Science.....	16,000 00
Department of Veterinary Science.....	3,000 00
Farm Mechanics.....	3,500 00
College Extension.....	8,000 00
Office and miscellaneous.....	8,000 00
Drainage, fences and repairs.....	5,000 00
Greenhouse construction.....	5,000 00

<i>From State Station Funds—</i>		
Investigations in Animal Husbandry.....	\$25,000 00	
Investigations in Dairy Husbandry.....	15,000 00	
Investigations in Orchards.....	15,000 00	
Investigations in Soils.....	25,000 00	
Investigations in Farm crops.....	15,000 00	
Investigations in Floriculture and completion of greenhouse...	7,500 00	
<i>From Hatch Fund as follows:</i>		
Department of Agronomy.....	\$1,750 00	
Department Animal Husbandry.....	1,750 00	
Department Dairy Husbandry.....	1,750 00	
Department Horticulture.....	1,750 00	
Department Botany.....	3,500 00	
Office.....	4,500 00	
<i>From Adams Fund:</i>		
Experiments in Inbreeding.....	\$2,000 00	
Horticultural Experiments.....	2,800 00	
Nutrition Experiment.....	4,000 00	
Statistical work.....	2,200 00	
<i>The following funds are available to meet the above estimates—</i>		
<i>College Funds:</i>		
U. S. Funds, interest on endowment, approximately.....	\$16,000 00	
U. S. Funds, one-half second Morrill bill.....	12,500 00	
U. S. Funds, one-half Nelson amendment.....	5,000 00	
From State Funds, general purposes.....	50,000 00	
From State Funds, teachers and institutes.....	6,000 00	
From State Funds, drainage, fences, and repairs.....	5,000 00	
From State Funds, Household Science.....	10,000 00	\$104,500 00
<i>Station Funds:</i>		
U. S. Funds, Hatch bill.....	\$15,000 00	
U. S. Funds, Adams bill.....	11,000 00	
State Funds, for live stock experiments.....	25,000 00	
State Funds, crop experiments.....	15,000 00	
State Funds, soil experiments.....	25,000 00	
State Funds, dairy experiments.....	15,000 00	
State Funds, orchard experiments.....	15,000 00	
State Funds, floriculture experiments.....	7,500 00	
		\$128,500 00

Appropriations made on motion of Mr. Lehman.

#### RECEIPTS FROM EXPENDITURES.

b. He further recommends that all receipts arising from the expenditure of these funds be hereby appropriated for the same purposes as the original amount.

Voted on motion of Mr. Hatch that receipts be assigned to the department producing them for reappropriation by the board from time to time.

On motion of Mr. Lehman, \$4,000.00 of the receipts from the dairy experiments was appropriated for carrying on the dairy milk route for the quarter ending September 30, 1908.

#### TUBERCULOSIS IN DAIRY HERDS.

6. A communication from the Dean of the College of Agriculture and the head of the dairy department in the matter of tuberculosis in the dairy herd.

UNIVERSITY OF ILLINOIS, June 8, 1908.

*Edmund J. James, L. L. D., President of the University of Illinois:*

DEAR MR. PRESIDENT: I am transmitting a letter from Professor Fraser making certain recommendations concerning tuberculosis.

So far as the herd is concerned the procedure indicated is the only logical and sensible one. Any other would not only destroy the herd but would contribute nothing to knowledge. The disease is so common among cattle that few herds are free from it. Herd owners generally find it when they begin looking for it, and our course should be such as to be instructive to the State in the matter of handling an infected herd. This whole subject is certain to engage public attention at a very near date, and when that time comes we shall be stronger if our course has been consistent and constructive, not panicky and destructive. On this point therefore, we shall assume to proceed without special instructions.

So far as the public health is concerned, we are brought face to face with the largest fact in human disease. This is the spot where the methods of agriculture most intimately concern the public. If cow's milk cannot be furnished free from disease germs the infant mortality will continue to be frightful and the physical wreckage will not grow less. Infected milk is without doubt one of the most, if not the most dangerous source of human disease and death, and the public milk supply will before long engage the attention not only of boards of health, but of legislatures in this State as it has already engaged their attention in others.

This department has suffered no little criticism in the past, and has incurred no little disfavor, because of its effort to forestall an epidemic of sensation which is bound to come unless dairymen generally "clean up." It is extremely significant that we got this disease originally through cows purchased from among the largest commercial dairies of the State; all of which indicates that our duty now is to leave no stone unturned to contribute our share to the knowledge and influence necessary to an improved state of affairs concerning sanitary milk and especially the danger of transmitting tuberculosis from cows to human beings. If there were ever doubt about the advisability of the University milk route that doubt would now be dispelled, because present conditions put this question out of debate.

I, therefore, most heartily endorse Professor Fraser's recommendation, being careful to emphasize that these researches should proceed along the strongest lines and be conducted by men of such note that the conclusions will stand the test of scientific method and afford a working basis for public protection. The department of bacteriology is at work in this matter and will continue to make determinations sufficient to protect the supply. Manifestly the perfection of a working organization for the larger things will be a matter of months and I heartily join in the request that full power be given the President to approve plans and make appointments to the extent of the funds that can be turned in this direction the coming year, which, according to Professor Fraser's statement is \$5,000, and may be increased to \$6,000.

Respectfully yours,

E. DAVENPORT,  
*Director.*

UNIVERSITY OF ILLINOIS, June 8, 1908.

*Dean E. Davenport, College of Agriculture:*

DEAR DEAN DAVENPORT: It is customary frequently to test our University dairy herd for tuberculosis, and we have generally found a few cases of the disease. At the last test, made recently, an unusually large number of animals reacted, indicating incipient tuberculosis.

This fact gives rise to two questions of policy, one relating to the herd, the other to the matter of public health.

*The Herd.*—A hasty course would be to destroy all reacting animals, and this course is sometimes pursued, but it is unnecessarily drastic and extremely expensive.

The present University dairy herd means twelve years of careful and successful breeding, which ought not to be sacrificed. Professor Weld, of the dairy division of the United States Department of Agriculture, said upon his recent visit here, after inspecting the records of our cows, that from the standpoint of economic milk production we had bred the best herd at any university from the Atlantic to the Rocky Mountains. Such a herd is too valuable to be destroyed unnecessarily.

Two facts we well know: One is that tuberculosis is not transmissible except by infection; the other is that healthy progeny can be secured from reacting cows. This indicates that the sensible course is to isolate all affected animals, destroying only those that appear to be yielding to the disease, thus spreading the infection, and continue breeding operations, resorting frequently to the test, and in this way free the herd from the disease without sacrificing the results of long continued and successful breeding. Many herds have been "cleaned up" in this way and this course we are pursuing here. Upon this point there is really no room for difference of opinion.

*Public Health.*—The more serious question and the one calling for recommendation and action arises out of considerations of public health.

Our best authorities tell us that one-seventh of the human race die of tuberculosis. The disease is so widespread that it is called "The great white plague." Much is said and written about its prevention and cure and the precautions necessary to prevent its spreading.

Prominent men in bacteriology say that bovine tuberculosis is not transmissible to man, while others of equally high authority, both in medicine and bacteriology, believe that a large part of human infection comes through the milk supply. The matter of a pure milk supply, particularly for infants and invalids, who are especially susceptible to disease, is therefore a question of vital importance, and if it be true that bovine tuberculosis is transmissible to man, it makes the question a serious one to consider, for we know that a large number of our dairy herds are badly infected. I believe that at the present time there is no subject in the University of greater importance, affecting, as it does, *human life*.

The question of the State's duty and responsibility in this particular matter, should certainly come up before the legislature in the immediate future, and it is upon us to be able to furnish at the proper time both definite and trustworthy information upon the subject. Some states have very stringent laws in regard to tuberculously infected herds, not allowing animals to enter their state without a certificate showing that they have successfully passed the tuberculin test. These laws have unquestionably already seriously affected the dairy interests of Illinois, and there is danger of the future results being even more serious if some action is not taken soon, because there is good evidence that neglected and diseased animals are shipped into our state and sold to our dairymen, who almost universally resort to purchase to keep up their herds. It is exceedingly significant that out of ten cows purchased from herds of Illinois for experimental purposes nine reacted.

Our herd affords a great opportunity for a most thorough investigation of the subject. This work requires the best man obtainable either in this country or Europe, whose entire time should be devoted to this research. Bacteriological examination should be made to determine the extent to which the milk and excrement may be infected, both with the University herd and herds throughout the State. Experiments should be conducted upon hogs and guinea pigs; veterinary examinations should be made of each cow to determine if any external symptoms of the disease can be found; and if possible determinations should be made as to whether and to what extent bovine tuberculosis is transmissible to man. The whole subject opens up a vast field for scientific research. The problems are many and difficult, and cannot be solved in a day or a year, but will require long and patient work, as well as large sums of money to carry forward the investigation. Anything but the best scientific labor is absolutely worthless in an investigation of this kind, and every effort should be made to secure the best talent obtainable.

Since tuberculosis is receiving such widespread attention at the present time, and so many institutions and sanitariums for the study and care of the disease are being established, and an international congress upon the subject of tuberculosis is to be held in Washington this autumn, and since there are so many vital questions in dispute, it would seem that this is an opportune time for the University to take hold of this question and so thoroughly investigate it as to be considered and recognized as one of the best authorities upon the subject in the United States, if not in the world; indeed, I believe it is not only our opportunity but our duty.

In view of the facts mentioned, I believe it is of the utmost importance that the plans of the Department of Dairy Husbandry be changed to a certain ex-

tent the coming year, in order to take up this work of tuberculosis investigation at once. This means the suspension of certain other important work of the department, and by so doing a fund of five or six thousand dollars will be available for the purpose of making a most thorough and careful investigation of the question of tuberculosis and its attendant evils among dairy cows. By doing this the matter can be carried on temporarily, but if as much is done as ought to be done, will finally require larger funds than can be devoted to this work at the present time.

I would therefore suggest that the president be given full authority to authorize and appoint sufficient men to carry on this work in the strongest manner possible.

Very truly yours,

W. J. FRASER,  
*Chief in Dairy Husbandry.*

On motion of Dr. Davison, \$6,000.00 from the dairy husbandry funds was appropriated for investigation as suggested by the foregoing letters.

7. Professor A. T. Lincoln tenders his resignation as assistant professor of chemistry to take effect September 1, 1908.

On motion of Mrs. Alexander the resignation was accepted.

8. That George A. Huff be reappointed director of physical training for the year 1908-09, at a salary of \$2,500 per year.

On motion of Mrs. Alexander the appointment was made.

#### MILITARY COMPANIES AND SCHOLARSHIPS.

9. A recommendation from the military department that three additional companies be organized in the University regiment, and that nine additional scholarships be provided for the officers necessary to man these companies.

On motion of Mr. Hatch the recommendation was approved and it was ordered that the three additional companies be organized and that the military scholarships be established.

The board took a recess until 2:30 p. m.

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#### AFTERNOON SESSION JUNE 20, 1908.

When the board convened after the recess, the same members were present as during the morning session.

#### REPORT OF ACCOUNTANCY.

10. Report of the University committee on accountancy. Said committee recommends that Mr. W. A. Chase of McGregor, Chase & Co., Chicago, be appointed member of the board of examiners for the three years beginning July 1, 1908.

The report was received for record, and Mr. Chase was appointed as recommended.

June 8, 1908.

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

DEAR SIR—The University committee on accountancy wishes to submit its annual report upon the administration of the law relating to the certification of public accountants in the State of Illinois.



## CERTIFICATES ISSUED.

Since the report submitted to you June 3d, 1907, the following have received certificates:

L. R. Acton, Gunn, Richards & Co., First National Bank building, Chicago, diploma No. 104, June 13, 1907.

C. F. A. Dellschaft, Jones Caesar & Co., Tribune building, Chicago, diploma No. 105, June 13, 1907.

Eric J. Everett, 145 LaSalle St., Chicago, diploma No. 109, June 10, 1907, (waiver.)

Paul Johnson, 1409 Tribune building, Chicago, diploma No. 106, June 13, 1907.

Henry G. Philipps, 609 First National Bank building, Chicago, diploma No. 107, June 13, 1907.

S. A. Scheites, 2233 Washington Bd., Chicago, diploma No. 108, June 1907.

H. J. Jackson, 59 Dearborn St., Chicago, diploma No. 113, December 18, 1907.

A. J. Steveling, 189 LaSalle St., Chicago, diploma No. 114, December 18, 1907.

C. A. Macdonald, 543 Postal Telegraph building, Chicago, diploma No. 111, December 18, 1907.

John Mahony, 1607 Ashland Blk., Chicago, diploma No. 112, December 18, 1907.

G. B. Buist, Wilkinson, Reckitt & Will's, 975 Washington boulevard, Chicago, diploma No. 110, December 18, 1907.

## EXAMINATIONS.

Two examinations have been held during the year, as follows: The December examination, December 2, 3, 4, 1907; the May examination, May 4, 5, 6, 1908. At the May 1907 examination, the returns for which were received by the committee since the last annual report, 15 candidates were examined. Of these, four failed to hand in papers; of the remaining 11, 5 were successful and received their certificates. At the December, 1907, examination, 9 candidates were examined, of whom 5 received the required marks and were duly granted certificates. At the May, 1908, examination, candidates were admitted in accordance with the amendment to the law, without the educational requirement specified in the original enactment. On this account, it was deemed proper by the committee to hold examinations in Chicago and additional examinations in Peoria, Urbana, and East St. Louis, provided five candidates should apply for examination at any of the above places. It was also thought proper to advertise the examination, somewhat widely, and accordingly, notices calling attention to this examination were inserted in newspapers having the widest circulation in the following places, namely: Bloomington, Danville, Springfield, Quincy, Decatur, Cairo, and Rock Island. Very few inquiries were received from candidates away from the immediate vicinity of Chicago, and no applications were received for examinations at any of these outside points. At this examination, 62 candidates were admitted. The returns for this examination are not yet in. Of the 62 candidates, 12 appear on their applications to have had a full high school education; of the remaining 50, 10 state that they have had an equivalent. As your committee was not required to investigate the educational qualifications, it is probable that some of the latter class would not have been able to qualify under the provisions of the original law.

## BOARD OF EXAMINERS.

The term of Mr. C. W. Knisely as a member of the Board of Examiners expires July 1, 1908. Mr. Knisely was appointed in 1903 as a member of the first board of examiners, under the C. P. A. law. He was re-appointed in

1905 for a term of three years. Mr. Knisely has met the trying conditions under which the board of examiners has worked, especially in the administration of the laws relating to the waiver clause, with great satisfaction to your committee. It is, therefore, with regret, that your committee deems it wise to follow the established precedent, and recommend that his successor be appointed from outside those who hold positions on the present board. Your committee, however, wishes to express its appreciation of Mr. Knisely's services during the two terms in which he has served the University.

The rule adopted by the board of trustees, provides that at least two of the board of examiners must be "skilled in the practice of accountancy and actively engaged therein in the State of Illinois." As one of the present members of the board, Mr. S. S. Gregory, is a practicing lawyer, it is therefore necessary that the successor to Mr. Knisely should fulfill the above requirement.

D. KINLEY,  
W. L. PILLSBURY,  
MAURICE H. ROBINSON, Secy.,  
Committee on Accountancy.

#### DISTRIBUTION OF ART OBJECTS.

11. A recommendation that a committee consisting of the Supervising Architect, Professor J. M. White as chairman, Professor Wells, Professor Lake and Professor Ricker, be authorized, if they deem best, to determine the distribution and location in other university buildings of the art objects now housed in the basement of the library building, and that the supervising architect be directed to place the said objects in the position selected by the committee.

Recommendation adopted on motion of Mr. Hatch.

#### APPOINTMENTS.

12. Recommendation from the Dean of the College of Agriculture, that Jay Boardman Park be appointed assistant in chemistry in the agricultural experiment station at a salary of \$720, beginning September 1, 1908.

John Willard Calvin be appointed to a similar position with similar salary, beginning at the same time.

J. M. Barnhart be appointed assistant in the dairy department at a salary of \$1,000 from September, 1908.

All these for twelve months.

Professor J. H. Pettit be given leave of absence without pay, for the year beginning September 1, 1908.

On motion of Mrs. Busey the appointments were made as recommended and Professor Pettit was given a further leave of absence without pay.

#### BUDGET OF THE GRADUATE SCHOOL.

A recommendation that the following budget be approved for the Graduate School for the academic year 1908-09:

Special research .....	\$5,000.00
Incidentals .....	1,200.00
Office help .....	250.00
Special library equipment .....	5,000.00

On motion of Mrs. Alexander the recommendation was adopted.

## WAER SURVEY BUDGET FOR THE YEAR BEGINNING JULY 1, 1908.

13. A recommendation that the following budget for the Water survey be approved for the year beginning July 1, 1908.

Director .....	\$2,500 00
Cnemist, L. I. Birdsall, 12 months.....	900 00
Bacteriologist, Frank Bachman paid for part of the year.....	615 00
Janitor, 12 months.....	420 00
Clerical work and laboratory assistance.....	1,140 00
Traveling expenses .....	300 00
Express .....	100 00
Postage .....	150 00
Printing .....	300 00
Equipment .....	200 00
Supplies .....	200 00
Incidentals .....	175 00
Laboratory assistance with classes.....	400 00
Platinum dishes .....	300 00
Incubator .....	120.00
Constant temperature apartment.....	50 00
Furniture .....	80 00
Annual report .....	400 00

The budget was approved on motion of Mr. Hatch.

## HOUSE LABRATORY FOR HOUSEHOLD SCIENCE DEPARTMENT.

14. Recommendation from the head of the department of household science approved by the dean of the Agricultural College, that the sum of \$5,000.00 be appropriated for the equipment and management of a house laboratory. This would involve the renting of a house at an approximate cost of \$500.00, and the rest of the money would be used in equipping and running the house as a practical laboratory in domestic science.

The recommendation was adopted and appropriation made on motion of Mr. Hatch by the following vote: Yeas, Messrs. Abbott, Hatch, Lehman and Mrs. Busey; nays, Dr. Davison and Mrs. Alexander.

15. Recommendation that the detail of Colonel E. G. Fechet as professor of military science for four years from August 1, 1908, be accepted to continue in effect until further notice.

Recommendation adopted on motion of Mr. Hatch.

## EQUIPMENT FOR COLLEGE OF ENGINEERING.

16. The dean of the College of Engineering requests that the following appropriations be made for special equipment in the Engineering College:

1. Incidentals and general expenses of the college and its departments, \$5,000.00.

2. That for the extension and equipment of the forge room and for the transfer and equipment of the locker and wash room which joins the present room, the sum of \$2,800.00 or such portion thereof as may be necessary be appropriated.

3. That the sum of \$4,000.00 be appropriated for the purchase and installation of one Standard Master Car Builders' Drop Testing Machine for the department of railway engineering.

4. That the sum of \$6,000.00 be appropriated for the design and construction of a Master Car Builders' Brake Shoe Testing Machine for the department of railway engineering.

These requests with Dean Goss's report were referred to the Committee on College of Engineering with power to act.

## ENGINEERING EXPERIMENT STATION.

17. Recommendation from the director of the engineering department station that \$3,000.00 be appropriated for the expenses of the engineering experiment station in addition to the appropriation made one year ago.

Further, that Wilford F. Wheeler be appointed first assistant in the Engineering experiment station, department of chemistry, at a salary of \$115 a month, for the term of twelve months, salary and service beginning July 1, 1908.

Further, that F. L. Busey be re-appointed as first assistant in the engineering experiment station department of mechanical engineering for the term of one year, beginning July 1, 1908, at a salary of \$100.00 a month.

Recommendation with regard to the appropriation was referred to the Committee on the College of Engineering with power to act.

Messrs. Wheeler and Busey were appointed as recommended on motion of Mr. Lehman.

## ASSISTANT DEAN IN THE COLLEGE OF LITERATURE AND ARTS.

18. The dean of the college of literature and arts requests that Professor George H. Meyer be appointed assistant dean of the college of literature and arts with a compensation of \$250.00 a year.

On motion of Mr. Hatch the appointment was made as requested.

## DEPARTMENT OF PHYSIOLOGY.

19. A recommendation that Dr. John H. McClellan be appointed assistant professor of histology and embryology in the University of Illinois for the year 1908-09, at a salary of \$2,000.00, having charge of the instruction in physiology, service and salary to begin September 1, 1908.

The recommendation was adopted on motion of Mr. Lehman.

Mrs. Alexander moved that Dr. Kemp be asked to withdraw his resignation and in case that he does so, that he be given leave of absence for one year on half pay.

On motion of Mrs. Busey, the further consideration of the question was postponed until the next meeting of the board.

## ROOM FOR ALUMNI QUARTERLY.

Mr. Abbott presented a recommendation from Professor White, endorsed by Dr. Burrill and Dean Goss that a room be fitted up in Engineering hall for the Alumni quarterly, at an expense of \$100.00.

The recommendation was referred to the Committee on Buildings and Grounds with power to act, on motion of Mrs. Alexander.

The board adjourned.

W. L. PILLSBURY,

*Secretary.*

W. L. ABBOTT,

*President.*

## Meeting of the Executive Committee, of the Board of Trustees of the University of Illinois, June 20, 1908.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Palmer House in Chicago at 5:30 o'clock, p. m., June 20, 1908. Messrs. Abbott and Lehman of the Committee were present, Mrs. Alexander was absent.

President James was present. Mr. W. L. Pillsbury acted as Clerk of the Committee.

### APPOINTMENTS IN THE DEPARTMENT OF PHYSIOLOGY.

Upon recommendation of Dean Townsend, Dr. Otis O. Stanley was appointed instructor in the department of physiology at a salary of \$700.00 for the ten months, beginning September 1, 1908.

Authority was also given to appoint two laboratory assistants, one at a salary of \$750.00, and one at a salary of \$250.00, also a student assistant at a salary of \$150.00.

### SALARIES INCREASED.

Upon the recommendation of the President the salaries of the following professors were increased to the sum of \$3,000.00 each from September 1, 1908:

Herbert J. Barton,  
Charles M. Moss,  
Daniel K. Dodge,  
Arthur H. Daniels.

### APPOINTMENTS MADE SINCE MAY 2, 1908.

President James reported for record the following statement of appointments made to fill vacancies since the meeting of the board held May 2, 1908:

*Assistants in English:* Vida Lucille Collins, ten months beginning September 1, 1908, half time, \$35 a month.

John Clark Jordan, ten months beginning September 1, 1908, half-time \$35 a month.

Winifred Almina Perry, ten months beginning September 1, 1908, half-time \$35 a month.

Arthur Ray Warnock, ten months beginning September 1, 1908, \$80 a month.

Arthur Gerald Tietje, ten months beginning September 1, 1908, \$80 a month.

T. C. Pease, assistant American history for ten months beginning September 1, 1908, at \$30 a month.

Drury L. Weatherhead, scholarship in chemistry in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Raymond C. Kotz, scholarship in chemistry in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Joseph L. Sloanaker, scholarship in chemistry in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Annabel R. Harrison, scholarship in classics in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Robert N. Haig, scholarship in economics in the graduate school, ten months beginning September 1, 1908, \$25 a month.

John A. Stevenson, scholarship in English in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Frederick A. Schrader, scholarship in history in the graduate school, ten months beginning September 1, 1908, \$25 a month.

George J. Balzer, fellowship in physics in the graduate school, ten months beginning September 1, 1908, \$40 a month.

J. C. Rietz, scholarship in physics in the graduate school, ten months beginning September 1, 1908, \$25 a month.

John N. Lowrie, scholarship in political science in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Gwendolyn Stewart, university fellowship in household science in the graduate school, ten months beginning September 1, 1908, \$30 a month.

Dr. E. C. Eckleman, instructor in German for ten months beginning September 1, 1908, \$100 a month.

Louis Imbert, assistant in romance languages, for ten months beginning September 1, 1908, \$90 a month.

John W. Hornbeak, scholarship in mathematics in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Shichiro Kikuchi, scholarship in mathematics in the graduate school, ten months beginning September 1, 1908, \$25 a month.

John Kostalek, fellowship in chemistry in the graduate school, ten months beginning September 1, 1908, \$30 a month.

David N. Inglis, fellowship in romance languages in the graduate school, ten months beginning September 1, 1908, \$35 a month.

Mark Skidmore, university fellowship in romance languages in the graduate school, ten months beginning September 1, 1908, \$30 a month.

Guy Conrey, graduate assistant in chemistry, ten months beginning September 1, 1908, \$30 a month.

Warren Knapp, senior assistant in chemistry, ten months beginning September 1, 1908, \$10 a month.

Fred Cressman, senior assistant in chemistry, ten months beginning September 1, 1908, \$10 a month.

L. F. Nickel, senior assistant in chemistry, ten months beginning September 1, 1908, \$10 a month.

O. C. Stanger, senior assistant in chemistry, ten months beginning September 1, 1908, \$10 a month.

Earl K. Strachan, graduate assistant in chemistry, ten months beginning September 1, 1908, \$30 a month.

L. H. Provine, instructor in architectural engineering, ten months beginning September 1, 1908, \$150 a month.

Charles Fabens Kelley, instructor in art and architecture, ten months beginning September 1, 1908, \$100 a month. Half time to be devoted to instruction in architecture in the college of engineering and the other half to instruction in art and design in the college of literature and arts.

George R. Jackson, assistant in English, ten months beginning September 1, 1908, \$35 a month.

Arthur Leslie Owen, assistant in romance languages, half time, ten months, beginning September 1, 1908, \$50 a month.

Albert H. Daehler, assistant in English, ten months, beginning September 1, 1908, \$35 a month.

Lee I. Knight, assistant in botany, ten months beginning September 1, 1908, \$100 a month.

William Brooks Scott, research fellowship in the engineering experiment station two years, beginning September 1, 1908, \$500 a year.

Proctor Knott Smiley, research fellowship in the engineering experiment station, two years beginning September 1, 1908, \$500 a year.

John Albert Switzer, instructor in theoretical and applied mechanics, ten months beginning September 1, 1908, \$100 a month.

H. J. Thal, stenographer to the dean of the law school, beginning June 1, 1908, \$15 a month.

Margaret Hutchins, reference assistant in university library, for ten months beginning September 1, 1908, \$60 a month.

Julius C. Herbstman, custodian of the law library, until further notice at 15 cents an hour on monthly statements.

Thomas C. Angerstein, custodian of the law library, until further notice at 15 cents an hour on monthly statements.

William Rock Fagan, shelf assistant in the university library, for twelve months beginning September 1, 1908, \$40 a month.

Rachel M. Jarrold, scholarship in history in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Paul C. Phillips, fellowship in history in the graduate school, ten months beginning September 1, 1908, \$35 a month.

Theodore D. Belote, fellowship in history in the graduate school, ten months beginning September 1, 1908, \$50 a month.

Orrin H. Smith, scholarship in physics in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Raymond Robinson, university fellowship in mechanical engineering in the graduate school, ten months beginning September 1, 1908, \$25 a month.

Eugene V. Camp, university fellowship in railway engineering in the graduate school, beginning September 1, 1908, \$30 a month.

Louis McDonald, assistant in civil engineering, ten months beginning September 1, 1908, \$70 a month.

Dr. G. E. Wahlin, instructor in mathematics, ten months beginning September 1, 1908, \$100 a month.

C. R. Dick, instructor in general engineering drawing, ten months beginning September 1, 1908, \$90 a month.

Arthur M. Elan, assistant in general engineering drawing, ten months beginning September 1, 1908, \$70 a month.

C. C. Allbright, instructor in civil engineering, ten months beginning September 1, 1908, \$110 a month.

W. F. Washburn, graduate assistant in chemistry, ten months beginning September 1, 1908, \$30 a month.

Jessie Baldwin, assistant in Botany, ten months beginning September 1, 1908, \$65 a month.

Rose A. Goldberg, order assistant in the University library, twelve months beginning September 1, 1908, \$50 a month.

Frances Feind, loan assistant in the university library, during the summer session from July 1, 1908 to August 12, 1908, inclusive, six weeks, \$15 a week.

Elizabeth Forrest, reference assistant in the university library, during the summer session from July 1, 1908 to August 12, 1908, inclusive, six weeks, \$15 a week.

C. L. McMaster, assistant to the dean of undergraduates, ten months beginning September 1, 1908, \$30 a month.

Grace Maxwell, stenographer in the office of the dean of the college of literature and arts, twelve months beginning September 1, 1908, \$65 a month.

THE FOLLOWING APPOINTMENTS IN THE COLLEGE OF ENGINEERING—TERM OF SERVICE TO BEGIN SEPTEMBER 1, 1908.

Sue W. Ford to succeed herself as clerk in dean's office, 12 months, \$1,000.

L. Mae Manspeaker to succeed herself as stenographer in dean's office, 12 months, \$600.

Marjorie V. Asche to succeed herself as stenographer in dean's office, 12 months, \$540.

Edith Leonard to succeed herself as curator of architectural library, 10 months, \$500.

Mary P. Cooley to succeed herself as clerk in M. E. department, 12 months, \$720.

A. A. Stanley to succeed himself as machanician, M. E. department, 12 months, \$1,200.

E. Berbaum to succeed himself as tool-room attendant, M. E. department, 12 months, \$360.

Harry Weeks to succeed himself as tool-room attendant, M. E. department, 12 months, \$360.

Wm. Wascher to succeed himself as tool-room attendant, M. E. department, 12 months, \$360.

E. T. Strong to succeed himself as mechanician, department of physics, 12 months, \$900.

George L. Dobyns to succeed himself as storekeeper in physics department, 12 months, \$600.

#### DEPARTMENTAL APPROPRIATIONS.

On recommendation of President James, the following departmental appropriations were made:

##### *University General—*

Administrative offices .....	\$ 1,000 00
Woman's hall .....	500 00
Misscellaneous fund .....	1,000 00
High school oratorical contest.....	400 00
Public school drawing exhibit .....	50 00
Editing catalogue and circulars.....	500 00
University lectures .....	5,000 00
Summer session .....	15,000 00
University studies .....	1,200 00
Alumni quarterly .....	1,000 00
One-half time for stenographer for editor of catalog.....	300 00

##### *Academy—*

Equipment .....	500 00
Incidentals .....	300 00

##### *High School Visitor's Office—*

Traveling expenses and incidentals.....	900 00
High school conference .....	750 00

##### *College of Literature and Arts—*

Assistant Dean .....	250 00
College general .....	400 00
Art and design .....	300 00
Classics .....	100 00
Debating and oratory .....	400 00
Modern languages .....	100 00
Rhetoric-Theme reading .....	500 00
English .....	50 00
History .....	50 00
Psychology .....	500 00

##### *School of Education—*

Lecture courses and incidental expenses.....	2,000 00
Salary of director .....	200 00
Publication of monographs .....	200 00

##### *Astronomy—*

Maintenance and equipment .....	500 00
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##### *Chemistry—*

Maintenance and equipment in addition to special appropriations and students' fees.....	6,000 00
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<i>Geology—</i>	
Special work on collections.....	\$ 200 00
Additional equipment .....	500 00
<i>Mathematics—</i>	
Incidentals .....	150 00
Models and computing machine .....	300 00
Transactions of the American Mathematics Society.....	50 00
<i>Botany</i> .....	1,300 00
<i>Physiology—</i>	
Additional apparatus equipment.....	1,000 00
<i>Zoology—</i>	
Additional equipment and apparatus.....	1,400 00
<i>College of Science—</i>	
General .....	300 00
<i>School of Music—</i>	
Incidental expenses .....	600 00
<i>Library School—</i>	
Incidental expenses and lectures.....	1,000 00
One-half time of stenographer.....	300 00
<i>Library—</i>	
Incidental expenses.....	500 00
<i>Physical training—Men—</i>	
Incidental expenses .....	500 00
Additional lockers .....	500 00
<i>Physical training—Women—</i>	
Incidental expenses .....	300 00
Outdoor courts and physical apparatus.....	300 00
<i>Office of Dean of Undergraduates</i> .....	1,650 00
<i>Blue Printing and Photography—</i>	
Material and apparatus.....	400 00
<i>Courses in Commerce—</i>	
Salary of assistant director.....	250 00
<i>Museum—</i>	
Care and protection of specimens.....	500 00

President James' bill of \$1,520.30 for traveling expenses on University business from September 1, 1906, to June 15, 1908, was approved and ordered paid.

The committee adjourned.

W. L. PILLSBURY,

*Secretary.*

W. L. ABBOTT,

*Chairman.*