

Meeting of January 30, 1906.

The following call for a special meeting of the Board of Trustees of the University of Illinois was issued January 20, 1906:

Upon the call of the President, Mr. S. A. Bullard, there will be a special meeting of the Board of Trustees of the University of Illinois at 9:00 o'clock a. m. Tuesday, Jan. 30, 1906, at the University, to transact such business as the President may have to lay before the Board, and also any other business duly presented.

When the Board was called to order the members present were Messrs. Abbott, Bullard, Davison, Kerrick, Lehman and McLean and Mrs. Alexander and Mrs. Evans; those absent were Governor Deneen and Messrs. Barber and Bayliss and Mrs. Busey. President James was present.

MATTERS PRESENTED BY THE PRESIDENT.

DONATION TO QUINE LIBRARY.

1. Dr. William E. Quine has given notice that if his offer of an endowment fund of \$25,000.00 for the support of the library of the College of Medicine is not formally accepted by the Trustees of the University on or before Jan. 1, 1908, the proffer will be withdrawn and cease to be operative on that date.

Voted that this matter be referred to the Committee on the School of Medicine and the President with the request that they interview Dr. Quine and report as to what may be feasible or desirable in regard to this subject.

ADVISORY BOARD OF THE SCHOOL OF PHARMACY.

2. The Illinois State Pharmacy Association has submitted the following list of five names from which the Trustees are expected to appoint one member of the Advisory Committee of the School of Pharmacy, in place of Mr. Bennett of Urbana, whose time has expired: George R. Baker, Herman Fry, W. T. Adams, Albert Zimmerman, Frank Thomas.

It was voted that Mr. Frank Thomas, of Cairo, Illinois, be appointed on the Advisory Committee on the School of Pharmacy.

GRADUATE SCHOOL.

3. The Senate of the University has made a formal recommendation to the Trustees that a special faculty of the Graduate School be constituted which shall have charge of the Graduate School in the same way and to the same extent as other faculties have charge of their respective schools and colleges.

Voted to approve said recommendation.

4. I recommend that Professor David Kinley be appointed Dean of the graduate faculty (in place of Dean Burrill, resigned) and Director of the courses in commerce, at a salary of \$4,000.00 a year; said appointment and salary to date from Feb. 1, 1906.

A motion to adopt this recommendation was postponed until the afternoon session in order that the Board might have a report as to balance available for further appropriations.

AUDITORIUM.

Mr. Blackall, architect of the Auditorium, presented plans and a model of the proposed building, also plans for the grounds of the University. Upon motion of Mr. Abbott, the Board voted to go into committee of the whole for the consideration of these.

REPORT OF THE COMMITTEE OF THE WHOLE.

The committee rose, and through its secretary, reported that it had organized by the choice of Mr. Bullard as chairman and Mr. Pillsbury as secretary; and that it made the following recommendations:

1. That an appropriation of \$250.00, or so much thereof as may be needed, be made in order that the architect may get expert advice upon his plan of the grounds.
2. That bids be called for for the erection of the Auditorium, according to the plans and specifications prepared by the architect.
3. That the plans and specifications be first submitted to the Committee on Buildings and Grounds for approval.

Upon motion of Mr. Abbott, the report of the committee of the whole was adopted as presented.

The Committee on Buildings and Grounds was authorized to advertise for bids for the construction of the Auditorium.

FIRE ALARM.

Mr. Abbott, who had been charged with the installation of a fire alarm system, reported that he had tested the efficiency of the alarm on two occasions, and that on the second occasion there had been a very prompt response on the part of the fire department of the University, as well as a considerable number of students.

ELECTRICAL EXHIBIT.

Mr. Abbott reported that at the electrical exposition held recently in the Coliseum in Chicago our electrical department and the electrical departments of several other institutions were represented, and that their exhibits attracted a great deal of attention. He said, further, that the exposition was very successful and that a similar exposition would doubtless be made hereafter annually, and that it would be a good thing for the University if we took pains to make a creditable exhibit next year.

The Board took a recess to meet at 2:00 o'clock p. m.

Afternoon Session.

When the Board met after the recess the same members were present as in the morning.

Mr. Abbott presented for the Finance Committee the following:

STATEMENT AS OF DATE SEPTEMBER 30, 1905, FOR BALANCE OF THE YEAR TO JULY 30, 1906.

<i>Cr.</i>			
Balance September 30, 1905.....		\$184,479 82	
Receipts.....		766,750 00	
			<u>\$951,229 82</u>
<i>Dr.</i>			
Balance appropriations in force.....			\$191,195 37
ESTIMATED EXPENDITURES.			
Board expenses.....	\$	2,000 00	
Salaries for instruction, less those for agriculture.....		210,765 00	
Salaries for services.....		35,000 00	
Coal, gas, electric light, power.....		30,000 00	
Stationery, printing and postage.....		3,000 00	
Advertising and catalogues.....		3,000 00	
Buildings and grounds.....		5,000 00	
Departments and laboratories.....		5,000 00	
Heating apparatus.....		4,000 00	
			297,765 00
Special State appropriations.....	\$333,000 00		
Agricultural College.....	25,686 81		
			358,686 81
College of Medicine.....	\$80,000 00		
School of Pharmacy.....	8,000 00		
			88,000 00
Balance.....			15,582 64
			<u>\$951,229 82</u>

MATTERS PRESENTED BY THE PRESIDENT.

DEAN OF GRADUATE SCHOOL.

The motion to adopt the President's recommendation with regard to the Dean of the Graduate School was passed.

5. I recommend that the statutes of the University be so amended as to make the Vice President of the University and the Dean of the Graduate School both members of the Council.

Voted that said recommendation be approved.

DEAN OF COLLEGE OF LITERATURE AND ARTS.

6. I recommend that Prof. Evarts B. Greene be appointed Acting Dean of the College of Literature and Arts at a salary of \$2,500.00 a year. Appointment and salary to date from February 1, 1906.

Voted that said recommendation be approved.

DEPARTMENT OF RAILWAY ENGINEERING.

7. I submit herewith a communication from the College of Engineering in regard to a Department of Railway Engineering:

“UNIVERSITY OF ILLINOIS, Jan. 30, 1906.

“*Professor James M. White, Acting Dean of the College of Engineering:*

“DEAR SIR—Your committee, to which was referred the communication of President James, concerning the establishment of a school for railway service, begs to submit the following report:

“We have carefully considered the President’s communication and are of the opinion that it is very desirable to increase greatly the amount of attention given to railway subjects. But, in our opinion, it is better to organize a Railway Engineering department in the College of Engineering than to establish a school somewhat upon the plan of the School of Education. Already the College of Engineering has most cordial relations with various railroad interests. For example, many graduates of the civil engineering department occupy positions of prominence on several of the great railroad systems and for several years the department of mechanical engineering has been coöperating with the Illinois Central and Big Four Railroads in carrying on an extensive series of trials relating to locomotive performance and train resistance, for which these roads have borne the major portion of the expense. And the Department of Electrical Engineering has recently purchased an electrical dynamometer car and is now about ready to operate it on the lines of the Illinois Traction Company. So far as it is known, no other educational institution in the world has any similar equipment or opportunities for this important work.

“Three distinct lines of railway work should be offered; one in civil engineering, one in mechanical and electrical engineering and one in railway administration.

“1. We suggest, as a tentative outline, that a course be offered in railway civil engineering, to consist of the present civil engineering course to the end of the first semester of the junior year; that in the second semester of the junior year a comparatively small amount of railroad instruction be offered, and that in the senior year a considerable amount be given.

“2. A course should be offered in railway mechanical and electrical engineering differing from the present course in mechanical and electrical engineering by giving special emphasis to car and locomotive design, locomotive performance, train resistance, electric traction, etc.

“3. A course in railway administration should be arranged by combining the subjects common to the present civil, electrical and mechanical engineering courses, with such subjects from the Department of Economics as principles of economics, economic history, commercial geography, railway management, railway systems, etc., and possibly some of the special topics in the railway engineering courses proposed above.

“To carry out this work would necessitate the employment of a head of the department, who would probably do part of the work above; but we are of the opinion that he should not be burdened with any large amount of teaching, so that he could be free to attend meetings of railway associations and present papers upon railway subjects, and also to visit railroad men at their offices.

“In addition, there should be a strong man employed to do the chief technical work in the proposed course in railway mechanical and electrical engineering; and if at first there are not many students in this course he could employ his time with profit in working up and publishing the results of tests already made with the mechanical engineering dynamometer car and in planning and carrying out additional investigations with the mechanical and electrical engineering dynamometer cars. There is now in the mechanical engineering department an instructor in railway mechanical engineering who is doing some work along these lines. And if the Department of Railway Engineering is established it would probably be wise to transfer the above instructor to the new department.

"A third man would probably be required to act as general assistant to the head of the department to look after his classes in his absence. It would be wise also to give the new head of this department considerable stenographic assistance.

"If the above propositions should be made for railway instruction, the University of Illinois would be very much in advance of any other institution on the continent. No institution attempts to emphasize more than one of the three lines of instruction mentioned above, and in the opinion of your committee the provisions here recommended are greater than those possessed by any one of the institutions offering any similar work. Your committee begs to express the hope that the University may vigorously enter upon the above work at an early day.

"In view of the foregoing, your committee begs to make the following recommendations:

"1. We recommend that a Department of Railway Engineering be established in the College of Engineering.

"2. We recommend the appointment, as head of the new department, a man who has had considerable pedagogical experience on railroad lines and who has an acquaintanceship and a standing with railroad men. Your committee is unanimously of the opinion that Professor William D. Pence, a graduate of this institution, a former member of the engineering faculty and at present Professor of Civil Engineering at Purdue University, is abundantly qualified for this position and is the most desirable man known to any of us. For several years past he has served as editor of the publications of the American Railway Engineering and Maintenance of Way Association, the leading association of railroad men in the United States.

"3. We further recommend the appointment of an associate professor of railway mechanical and electrical engineering.

"4. We also recommend the appointment of an instructor in railway civil engineering to act as an assistant to the head of the department.

"5. We recommend the employment of an additional stenographer and typewriter for the College of Engineering, chiefly because of the needs of the new department.

"The total additional cost of the proposed innovation would be about as follows:

1. Professor of railway engineering in charge of the department	\$2,500 00 to \$3,000 00
2. Associate professor of railway mechanical and electrical engineering.....	2,000 00 to 2,500 00
3. Instructor in railway civil engineering.....	1,000 00 to 1,200 00
4. Stenographer and typewriter	600 00 to 900 00
Total.....	\$6,100 00 to \$7,600 00

"Respectfully submitted,

"IRA O. BAKER,

"L. P. BRECKENRIDGE,

"A. N. TALBOT,

"Committee."

I recommend that a new department be created in the College of Engineering, to be known as the Department of Railway Engineering and Administration, and that the expense of this department be charged to the special fund for the enlargement and equipment of the Engineering College and Engineering Experiment Station; and that a sum not to exceed \$7,600.00 be set apart for the payment of salaries in this department for the academic year 1906-07; and that the President be authorized to proceed with the announcement and organization of said department and to nominate incumbents for the necessary positions.

Voted that said recommendation be approved.

8. Mr. George F. Schwartz, instructor in violin in the School of Music, wishes to spend a year in Europe for further study. It is very desirable, indeed, that the members of our staff be encouraged to take a year's leave of absence now and then for the purpose of preparing themselves still better

for their work, and we ought to extend every reasonable facility in our power in all such cases. As Mr. Schwartz is instructor and his term of office is annual, we can not, of course, give him leave of absence in the ordinary sense of the term, but I recommend that he be appointed instructor in violin in the University for the academic year beginning Sept. 1, 1907, his salary to be fixed at the time the budget for the year 1907-08 is prepared.

Voted that said recommendation be approved.

9. Assistant Professor F. G. Frink desires to resign his position as assistant professor of civil engineering, to take effect Sept. 1, 1906.

It was voted that said resignation be accepted.

10. I beg leave to inform the Board that in accordance with the authority vested in me at a previous meeting, I have appointed Mr. W. A. Chase of Chicago lecturer on accountancy in the University at a salary of \$400.00 for twenty lectures.

11. Professor D. T. Randall of the Engineering College has submitted his resignation, to take effect Sept. 1, 1906.

Voted that said resignation be accepted.

DEPARTMENT OF MODERN LANGUAGES.

12. I recommend that the President of the University be given authority to offer Professor Gustav E. Karsten a professorship of German and the headship of the Department of Modern Languages in the University at a salary of \$3,000.00 per year, service and salary to begin Sept. 1, 1906.

This is on the understanding that the *Journal of English and Germanic Philology*, hitherto edited by Professor Karsten, be continued by him, be published in Urbana, be issued at least four times per year, and that it be indicated on the title page that it is published under the auspices of the University of Illinois.

In case the above arrangements be made, I recommend that an appropriation of \$500.00 be made for the year 1906-07 toward the support of the *Journal of English and Germanic Philology*, and further, that a special appropriation of \$500.00 be made for the purchase of books and other necessary material for the advanced work in the Department of Modern Languages.

Voted that the above recommendations be approved.

DEPARTMENT OF CHEMISTRY.

13. I recommend that the President of the University be authorized to offer Professor W. A. Noyes of Washington, D. C., a professorship of chemistry and the headship of the Department of Chemistry and the directorship of the chemical laboratory of the University at a salary of \$3,500.00, salary and work to begin Sept. 1, 1906.

Voted that such recommendation be accepted.

GRADUATE SCHOOL STUDENTS AND MUSIC.

14. It seems that members of the Graduate School have thus far been excluded from the privilege extended to college students in the matter of fees in the Music School.

Voted that students who are residents of Illinois, including members of the Graduate School who pay the full incidental fee, will, if they are matriculated, pay for instruction in music of college grade no additional fee.

15. I recommend that Mr. Junius S. Krehbiel be appointed instructor in ceramics at a salary of \$75.00 a month from Feb. 1, 1906, his salary to be charged to the School of Ceramics.

Voted to approve said recommendation.

16. The faculty of the College of Agriculture recommends that a new course be announced in that college, to be known as landscape gardening.

Voted that this matter be referred back for further consideration.

SADDLES AND BRIDLES.

17. The head of the Military Department requests the purchase of four horse equipments for the use of the Military Department of the University. It is estimated that the cost would not exceed \$122.00.

Voted that said horse equipments be purchased.

18. The Class of 1906 requests permission of the University Board of Trustees to place a sun-dial on the campus as a class memorial.

Voted that such permission be given and that the Committee on Buildings and Grounds be authorized, in coöperation with the class committee, to select a suitable site.

19. I recommend that an assistant professorship in geology be created at a salary not to exceed \$1,500.00, and that the President of the University be authorized to look for a suitable incumbent for the year 1906-07.

Voted that said recommendation be accepted.

20. I submit a communication from the caretaker of grounds in relation to a needed addition to the greenhouses.

Voted that the communication be referred to the Committee on Buildings and Grounds for a report.

ENGINEERING EXPERIMENT STATION.

21. I submit certain proposals from the staff of the Engineering Experiment Station for the assignment of \$10,000.00 of the sum set aside in the budget for 1905-06 for the Engineering Experiment Station:

BUDGET No. 2, ENGINEERING EXPERIMENT STATION.

Salaries and labor.....	\$ 3,000 00
Special equipment and materials.....	5,500 00
Bulletins and printing.....	500 00
General and office expenses.....	1,000 00
Total	<u>\$10,000 00</u>

The preliminary budget No. 1 of \$20,000.00 was approved at the meeting of the Board on July 21, 1905.

The equipment for "Boiler Trials with Illinois Coals" is now nearly ready. Some experiments in the Department of Civil Engineering are being arranged on the "Distribution of Pressure of Granular Masses." For this work two additional assistants will be needed. I, therefore, recommend:

1. The appointment of an Experiment Station assistant in charge of "Fuel Tests," at a salary not to exceed \$1,600.00 for twelve months.

2. The appointment of an Experiment Station assistant in civil engineering, at a salary not to exceed \$90.00 a month, for twelve months.

It will be very desirable to have the coöperation and advice of representative Illinois organizations and industries in some matters concerning certain tests of importance which are from time to time projected. I have accordingly invited the following organizations to appoint one of their members to act on a conference committee concerning the proposed "Boiler Trials with Illinois Coals:"

- The Western Society of Engineers.
- The Western Railway Club.
- State Electric Light Association.
- State Geological Survey.

Illinois Manufacturers' Association.

Illinois Coal Operators' Association.

The Building Managers' Association of Chicago.

Similar committees will doubtless be desirable relating to the tests of "Materials of Construction;" "Electric Traction" and "Tests of Municipal and Sanitary Appliances." It is my belief that the appointment of such committees will do much towards securing an interest in our work, and that it will place us in such relations to the various State organizations as will enable us to secure their help when needed to support an extension of the work of the Engineering Experiment Station. It is probable that one meeting a year will be all that is necessary at the University; additional matters can be taken up by letters. I believe that we should expect to pay the ordinary traveling expenses and hotel bills of the members of such conference committees. It is probable that \$500.00 a year would provide for all such expenses. I, therefore, recommend:

(a) That the Director be instructed to approve of the expenses of such members of conference committees as may be invited to confer with the Station Staff on matters relating to tests projected by the Engineering Experiment Station.

(b) That the appointment of all conference committees made by the Station Staff of the Engineering Experiment Station must first receive the approval of the President.

(c) That \$500.00 be appropriated for the expenses of such conference committees, to be paid from the reserve fund of \$15,000.00 specified in Item 15a of appropriation for the Engineering College and Experiment Station. (See Board meeting report, July 21, 1905.)

The above budget and recommendations were submitted to the Station Staff at a regular meeting held Jan. 29, 1906, and were approved by them.

The motion to adopt the recommendations, subject to approval by the President, prevailed by the following vote: Yeas, Messrs. Abbott, Bullard, Davison, Lehman, McLean and Mrs. Evans; nay, Mr. Kerrick; present and not voting, Mrs. Alexander; absent, Governor De-
neen and Messrs. Barber and Bayliss.

Mr. Kerrick filed the following explanation of his vote:

Mr. Kerrick votes "no" because the plan recommended involves the appointment by private organizations of committees who may travel, board and lodge at State expense, while there has been no legislation looking to the appointment of such committees or providing for the payment of the expenses incurred by them.

22. I have not yet had time to prepare my bill for traveling expenses during the time since I have been President of the University. I hope to present the bill shortly, and would be glad to have the Board make some order for its payment upon approval by the proper committee.

Voted that the President's bill for traveling expenses be paid after it has been approved by the Finance Committee.

A request by Mr. Huff, Director of the Men's Gymnasium, for seats near the swimming tank was approved.

A communication from Professor Shattuck, Comptroller, with regard to finances was referred to the Finance Committee.

RESIDENCE FOR DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION.

Mr. Kerrick moved that the house now occupied by Professor Davenport be rented for the Director of the Agricultural Experiment Station and Dean of the College of Agriculture, at \$1,000.00 per year.

On motion of Mr. Lehman, the question was referred to the Committee on Agriculture and the Committee on Buildings and Grounds to investigate and report at the next regular meeting.

On motion of Mr. McLean, Nathaniel Hay was appointed Purchasing Agent for six months from February 1, 1906, and it was ordered that he should furnish a satisfactory bond to the amount of \$10,000.00.

The Board adjourned.

W. L. PILLSBURY,

Secretary.

S. A. BULLARD,

President.