

MEETING OF MARCH 14, 1916.

The annual meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Tuesday, March 14, 1916, beginning at 2.00 p. m.

The following members were present: President Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson.

President James was present; also, during a part of the afternoon, Capt. Thomas J. Smith, a former member and president of the board, and Prof. J. M. White, Supervising Architect.

MINUTES APPROVED.

The Secretary presented the minutes of the meeting of February 8, 1916. On motion of Mrs. Henrotin, the minutes were approved as printed on pages 883 to 912, inclusive.

ELECTION OF THE PRESIDENT OF THE BOARD.

The Secretary, being called to the chair, called for nominations for the office of President of the Board of Trustees for the ensuing year.

Mrs. Evans nominated Mr. Abbott.

Mr. Abbott nominated Mr. Carr.

Mrs. Busey nominated Mr. Hoit. Mr. Hoit declined the nomination.

On motion of Mr. Blair, the nominations were closed, and the board proceeded to the ballot. The Secretary appointed Mr. Blair and Miss Watson to act as tellers. The tellers announced the vote as follows: Mr. Abbott, 7; Mr. Carr, 1. Mr. Abbott, having been declared elected, resumed the chair.

ELECTION OF SECRETARY.

On motion of Mrs. Busey, Mr. Harrison E. Cunningham was reelected Secretary of the Board of Trustees for the ensuing year.

TELEGRAM OF SYMPATHY TO MR. CARR.

On motion of Mrs. Evans, the Secretary sent to Mr. Robert F. Carr a telegram expressing the sympathy of the board with Mr. Carr in his illness, and their hope for his speedy recovery.

ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.

Mrs. Busey nominated Mr. Robert F. Carr and Mr. Otis W. Hoit to constitute with the President of the board (as chairman) the Executive Committee of the Board of Trustees for the ensuing year.

On motion of Mrs. Evans, the nominations were closed and the board voted to elect Mr. Carr and Mr. Hoit members of the Executive Committee for the ensuing year, and they were declared elected.

AUTHORITY TO RECEIVE MONEYS.

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

Resolved, That the Treasurer of the Board of Trustees of the University of Illinois is hereby authorized to receive and receipt for all moneys and to endorse all orders, drafts, and checks, due and payable to the Board of Trustees, or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees, or to the University of Illinois, on account of the Agricultural Experiment Station or of the cooperative extension service in agriculture and home economics undertaken by the University of Illinois and the United States Department of Agriculture under the Smith-Lever Act.

AUTHORITY TO DELEGATE SIGNING OF VOUCHERS AND WARRANTS.

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

Resolved, That Mr. W. L. Abbott, President of the Board of Trustees, and Mr. H. E. Cunningham, Secretary of the Board of Trustees, are authorized to delegate the signing of their names as President and Secretary, respectively, on vouchers drawn on the Auditor of Public Accounts of the State of Illinois, to Mr. W. B. Castenholz, Comptroller, and Mr. L. E. Knorr, Assistant Comptroller.

WARRANTS ON UNIVERSITY TREASURER.

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

Resolved, That Mr. W. L. Abbott, President of the Board of Trustees, is authorized to delegate the signing of his name as President on warrants drawn on the Treasurer of the Board of Trustees of the University of Illinois to Mr. L. E. Knorr, Assistant Comptroller.

MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters submitted by President James:

APPOINTMENT OF PROF. BLACKWELDER.

(1) Announcement of the appointment and acceptance of Dr. Elliot Blackwelder, as Professor of Geology, at a salary of \$4,000 a year, beginning September 1, 1916. This appointment was authorized December 14, 1915 (see page 866).

This statement was received for record.

MR. C. M. DELANY APPOINTED EXAMINER IN ACCOUNTANCY.

(2) A recommendation from the University Committee on Accountancy that Mr. C. M. DeLany, of the firm of Anderson, DeLany, and Company, Certified Public Accountants, of Chicago, be appointed a member of the Board of Examiners in Accountancy for a term of three years beginning July 1, 1916.

On motion of Mr. Blair, this recommendation was approved.

APPOINTMENT OF MISS LORINDA PERRY.

(3) A recommendation from Prof. Isabel Bevier, endorsed by the Dean of the College of Agriculture, that Miss Lorinda Perry, of Rockford, Ill., be appointed Associate in Household Science for a term of two years at a salary of eighteen hundred-dollars a year, beginning September 1, 1916.

On motion of Mr. Hoit, this appointment was made.

RECOMMENDATIONS OF THE UNIVERSITY SENATE.

(4) Two recommendations made by the University Senate at a meeting held February 14, 1916:

FOUR-YEAR COURSE IN PUBLIC-SCHOOL MUSIC.

(a) That the present two-year curriculum in public-school music leading to a certificate be abolished, and that instead the students in public-school music take a four-year curriculum, of which the first three years shall be identical with the present curriculum leading to the bachelor's degree, while, in the fourth year, Music 25 (Public-School Music) shall be substituted for the practical major; also that voice be required throughout the four years of this curriculum as either a major or a minor; this curriculum to lead to the degree of Bachelor of Music.

THREE UNITS IN AGRICULTURE FOR ADMISSION.

(b) That the statement of entrance requirements be amended by changing the first item in List C as printed on page 72 of the Annual Register for 1914-15 to read: *Agriculture, 36 to 108 weeks, 1 to 3 units*, in place of *Agriculture, 36 to 72 weeks, 1 to 2 units*.

On motion of Mr. Blair, these recommendations of the Senate were approved.

CIVIL SERVICE EXAMINATIONS.

(5) A letter from the State Civil Service Commission expressing its appreciation of the assistance which various members of the Faculty of the University have rendered to the commission in its work:

SPRINGFIELD, ILL., March 1, 1916.

Mr. E. J. James, President, University of Illinois.

DEAR SIR: During the past few months the commission has called upon the University for assistance an unusual number of times.

I wish to take this opportunity to express to you the appreciation of the commission for the prompt action taken on all these requests and the very valuable assistance which has been given by numerous members of the University Faculty. The University has cooperated in a most valuable way in the work of this commission.

Very truly,

STATE CIVIL SERVICE COMMISSION,
By W. R. ROBINSON, Secretary.

This letter was received for record.

APPROPRIATION FOR PHYSICAL TRAINING FOR WOMEN.

(6) A recommendation that an additional appropriation of two hundred dollars be made for the expenses of the Department of Physical Training for Women for the present fiscal year.

On motion of Mrs. Evans, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

GRADUATE FELLOWSHIPS AND SCHOLARSHIPS.

(7) A recommendation that the sum of twenty-five thousand dollars be appropriated for scholarships and fellowships in the Graduate School for the academic year 1916-17, and that the President of the University be authorized to appoint to these positions such persons as may be recommended by the Executive Faculty of the Graduate School.

On motion of Mr. Small, this appropriation was made and authority was given as requested. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

MILL TAX ASSESSMENTS.

(8) The following letter from Judge O. A. Harker concerning the assessment of the University mill tax:

February 29, 1916.

President Edmund J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: Complying with your request of a few days ago, I will report that I have conferred with the county clerk concerning the spread of the mill tax for the support of the University on the tax collector's books, and that he has read to me the mandate received from the State Auditor. The mandate is couched in the same language as that agreed upon by Mr. Eubanks and myself, immediately after the Mill Tax Law went into effect.

You will remember that you requested me to go to Springfield a year or two ago for a conference with the Auditor's office concerning the mandate, and the one then agreed upon has been in use ever since, as I am informed. The State tax levies for this county are not spread upon the tax collector's books in detail, but are extended *en masse*, but the tax will be collected just the same. All that will be required from us is to see that the amount collected shall be set aside for the use of the University, and remain there until appropriated by act of the General Assembly, as contemplated by the act of June 10, 1911. If you so desire, I will, at the proper time, confer with the State Treasurer, with a request that that be done.

Yours truly,

O. A. HARKER, *Legal Counsel.*

This letter was received for record.

FEES FOR USE OF PRACTISE ORGAN.

(9) A recommendation that a rate of twenty dollars be fixed as the full semester's charge for practise on the University practise organ for one hour a day; ten dollars for one-half of a semester; seven dollars for one-third of a semester or two hours a week for the full semester; six dollars for one-fourth of a semester; and for shorter periods at the flat rate of twenty-five cents an hour.

On motion of Mr. Hoit, this recommendation was concurred in.

HISTORY OF THE UNIVERSITY.

(10) The following statement:

Preparatory to the celebration of the fiftieth anniversary of the founding of the University, I have been making arrangements, under authority given me by the board (April 10, 1912, see Report, 1912, p. 586; also see Minutes for September 27, 1915, page 835) for the preparation of a comprehensive history of the University, and also of a single volume history. Dr. B. E. Powell is now at work on the preparation of the manuscript of the larger work.

The Oxford Press, publishers of a series of histories of American colleges and universities, have been persuaded to include in their series one volume on the University of Illinois. Mr. Joseph Allan Nevins, a graduate of the University (1912) and at present one of the editorial writers on the New York Evening Post, has agreed to prepare this history for the Oxford Press series. He is acceptable to the Oxford people. For his remuneration for this work he relies on the royalties which the publishers will pay, but he desires the University to advance certain sums for expenses amounting to two hundred and seventy-five dollars, this sum to be returned to the University from the first returns in royalties paid by the Oxford Press; also that the University shall defray his traveling expenses (not to exceed one hundred dollars) from New York to Urbana to check up his work by records which can be obtained only here; and that the University shall pay the freight and express charges on books or manuscripts which may be sent to him from the University for use in the preparation of this book.

On motion of Miss Watson, this arrangement was approved and the sum of four hundred dollars, or so much thereof as may be required, was appropriated for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr.

Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

APPOINTMENT OF PROF. C. M. YOUNG.

(11) A recommendation that the President of the University be given authority to appoint Mr. Clinton M. Young to be Assistant Professor of Mining Research at a salary of twenty-four hundred dollars a year, beginning when he may report for duty and terminating July 1, 1917, in place of Prof. S. O. Andros, resigned.

On motion of Mr. Blair, this appointment was authorized.

LEAVE OF ABSENCE FOR PROF. GREEN.

(12) A request from Prof. Frederick Green of the College of Law for leave of absence on half-pay for the academic year 1916-17, under the general rules of the University.

On motion of Mrs. Busey, the President of the University was authorized to grant this request, provided satisfactory arrangements are made for Prof. Green's work during his absence.

SMITH SCHOLARSHIPS IN MUSIC.

(13) The following statement:

When Capt. Thomas J. Smith conveyed to the Board of Trustees certain farm lands from the proceeds of which a building for the use of the School of Music might be erected, he requested that four free scholarships be granted annually in the School of Music for "young women who may seek a musical education but who are unable to pay the customary charges for instruction in music." He indicated also a preference that these scholarships should be assigned to candidates from Champaign County, or, in default of candidates from this county, to young women from other counties in Illinois. The Registrar of the University has drafted the following regulations concerning these scholarships, in accordance with the rules governing other scholarships and embodying Capt. Smith's wishes in regard to the manner of their assignment.

REGULATIONS.

1. These scholarships shall be good for one year and shall exempt their holders during this period from matriculation, incidental, and music fees.

2. A person who during her year of tenure of one of these scholarships shall make an average grade of 85 in all subjects shall be eligible for reappointment to it for a second year, and on the same basis may be reappointed for a third year and a fourth year.

3. Each applicant for original appointment to one of these scholarships shall present a recommendation from a principal of a high school accredited to the University of Illinois, certifying that she is a graduate of the said high school, that she is a student of ability and promise, and that in the judgment of the principal of the high school she is unable to pay the customary charges for instruction in music.

4. Each applicant for original appointment to one of these scholarships shall pass the University entrance examinations in the following subjects: English composition and rhetoric, 1 unit; algebra, 1 unit; Latin or French or German, 2 units; music, 2 units; these examinations to be taken with the regular fall entrance examinations of the University. The scholarships shall be awarded to the candidates from Champaign County who make the highest average grade in these four examinations. In case the number of successful candidates from Champaign County is fewer than the number of available scholarships, the remaining scholarships shall be awarded to the candidates from other counties in Illinois having the highest average grade in these four examinations. But no scholarship shall be awarded to any candidate who fails to make a passing grade (70) in any one of the four subjects of the examination.

5. A candidate for original appointment must also satisfy in full the entrance requirements of the School of Music as stated in the University catalog, and must matriculate in that school for the fall semester immediately succeeding the examination.

6. No person who has attended the University of Illinois shall be eligible for original appointment to one of these scholarships.

On motion of Miss Watson, these regulations were approved.

UNIVERSITY OF ILLINOIS DIRECTORY.

(14) The following statement:

The University of Illinois Directory, on which we have been working for some two and one-half years, is now ready to send to press. It will contain about 35,000 names of persons who have been connected with the University as students, faculty members, administrative officers, and Trustees. The book will contain a concise biography of each person, with degrees, institutions attended, chief positions held, present address, and occupation. Names will be listed alphabetically and geographically.

It is recommended that the contract be assigned to the Pantagraph Printing and Stationery Company of Bloomington, Ill., the lowest bidder, in accordance with the contract herewith submitted. The cost for four thousand copies is estimated to be \$4,534.33, exclusive of author's corrections.

On motion of Mr. Small, the Comptroller was authorized to award this contract to the Pantagraph Printing and Stationery Company, and the sum

of five thousand dollars, or as much thereof as may be necessary, was appropriated for the printing of this volume. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

PAYMENT OF HOSPITAL BILLS FOR MR. H. O. FREY.

(15) The following statement:

Mr. H. O. Frey, a sophomore in the University, was injured by an explosion of a detonating cap while engaged in military drill with the telegraphing squad of the signal company of the University Brigade on October 21, 1915. His leg was injured to such an extent as to require medical attention. Mr. Frey was in the hospital for a while. He requests that hospital and physician's expenses (\$117.95) be reimbursed him.

On motion of Mrs. Evans, the Comptroller was authorized to pay Mr. Frey the sum of \$117.95. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

LEAVE OF ABSENCE FOR MEMBERS OF STAFF IN ARTILLERY COMPANY.

(16) A letter from Prof. B. W. Benedict, Captain of Battery F, Field Artillery, National Guard of Illinois, saying that he had been asked whether this battery was ready for service in case the Governor should call it out, and also whether the battery men would enlist for service in case a request to that effect should be made.

Mr. Benedict desires to know what arrangement the University is willing to make in the case of those officers and men who are on the instructional or administrative staff of the University.

On motion of Mr. Blair, the President of the University was authorized to grant leave of absence with full pay (less the amount of salary paid by the United States Government), to those members of the staff of the University who may enlist for service in connection with membership in Battery F of Field Artillery of the Illinois National Guard, for a period not longer than until August 31, 1916, with the understanding that such enlistment shall not prejudice their chances for continuing in the service of the University. Miss Watson requested to be recorded as voting "No" on the question of granting full pay.

APPROPRIATIONS FOR CHEMISTRY AND BACTERIOLOGY.

(17) A request from Prof. W. A. Noyes, Director of the Chemistry Laboratory, for an additional appropriation of two thousand dollars for the use of the Department of Chemistry for the remainder of the present fiscal year. Also a request for an additional appropriation of five hundred dollars for the use of the division of bacteriology in the Department of Botany.

A considerable portion of the supplies ordered last year from foreign countries for the use of the University laboratories did not finally reach us and it was found necessary from time to time during the year to order from dealers in America apparatus and chemicals to take the place of the foreign orders. This has meant an increased expense for this item which was not contemplated in the budget.

On motion of Mr. Hoit, the President of the University was authorized to make these appropriations. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

SMITH MUSIC BUILDING.

(18) The following statement:

We have been considering with great care during the past months the preparation of plans and the ways and means of securing the erection of the Music Building contemplated by the gift of lands by Capt. Thomas J. Smith. I have asked the Supervising Architect to present at this time for the consideration of the board the plans for a building, and I have asked Capt. Smith also to be present during this consideration.

The Trustees have authorized the sale of the lands given by Capt. Smith, provided the price which he set on them can be obtained [pp. 114, 899]. The board has also authorized the listing of these lands for sale by Mr. Bruce Henderson, of Champaign, with the request that any reasonable offer for the lands shall be submitted for the consideration of the board.

If the board proceeds with the erection of this building it will be necessary to sell some of these lands or place mortgages on them or to defray the entire expense from other funds within the control of the Trustees. This will necessitate a postponement of other desirable and necessary building schemes until this one is completed.

I recommend that the board approve the plans in general as presented by the Supervising Architect and direct him to proceed as rapidly as feasible with the preparation of the detailed drawings, to be submitted to the board for approval.

Prof. White presented the plans of a building to cost about two hundred and fifty thousand dollars and to be located on the site immediately east of the Auditorium.

Capt. Smith made a statement of his wishes concerning the proposed building and the development of the School of Music.

On motion of Mrs. Busey, the recommendation of the President of the University was approved.

PLANS FOR LIBRARY BUILDING.

(19) Plans for the new Library Building to be erected on the east and west axis of the Armory and the north and south axis of the center of Wright Street, prolonged.

Prof. White explained these plans and indicated the manner in which the building could be erected by sections and the portion of the building which should be erected first.

This matter was discussed at length, but no action was taken.

EDUCATION BUILDING.

(20) A sketch of the exterior of the building for the School of Education, prepared by Holabird, Roach, and Company of Chicago.

Prof. White explained this sketch and the plans. No action was taken.

HORTICULTURE BUILDING.

(21) Plans for a proposed building for the Department of Horticulture, to be located east of Lincoln Avenue and south of Maple Street, in Urbana.

Prof. White explained these plans. No action was taken.

At this point, Mrs. Henrotin withdrew.

WOMEN'S RESIDENCE HALL.

(22) A report of the Supervising Architect concerning the plans for the Women's Residence Hall.

Mrs. Evans presented the following report of a special committee consisting of Mrs. Evans and Miss Watson, appointed February 8, 1916 [page 898]:

Your committee appointed at the last board meeting following the discussion of the advisability of arranging to house more girls in the Residence Hall met at the University the following day and found it feasible to make certain modifications which seemed to be in accordance with the desire of the members of the board as expressed at the meeting.

The plan was arranged to provide for 89 single rooms in addition to the suite for the matron, the maids' rooms, and the hospital suite. The modified plan provides 28 double rooms and 44 single rooms, accommodating 100 persons in addition to the matron's suite and six rooms on the top floor for the maids. Many of the double rooms are corner rooms having two windows and the double rooms which are not on the corner have more than one window each. This arrangement of the plan made it possible to shorten the wings of the building so that now the lot is not crowded.

The main dining room has been reduced in size so that it is best to use it exclusively for the girls in the house. An additional dining room is provided in the east wing for outsiders but will be served from the same kitchen. There is an independent outside entrance to this dining room so that those patronizing it cannot obtain access to the Residence Hall proper.

This report was received for record.

HIGH SCHOOL CONFERENCE.

(23) A statement concerning the High School Conference:

This conference meets annually at the University on Thursday evening, Friday, and Saturday of the week-end before Thanksgiving. The government of the conference is effected by committees rather than by elective officers. The general committee is composed of:

1. The Executive Committee of seven members, appointed by the President of the University, to oversee the use of funds appropriated by the Board of Trustees for financing the conference.

2. The chairmen of the Executive Committees of the various sections, fourteen in number, as an advisory body.

The proceedings of the conference are printed at the expense of the University. Committee members called to meet at other times than the dates of the conference are paid the necessary hotel and traveling expenses. Chairmen of committees or committee members who are called on to incur expenses in preparing work, telephoning or telegraphing, or for postage and stationery, are entitled to reimbursement for the same. All persons preparing papers or reports for actual meetings and presenting the same at the sessions of these sections are reimbursed for their railroad fare, provided further that only four persons for each annual session of the section, may be thus reimbursed.

It is the opinion of those in charge of this conference that it is one of the most valuable services rendered the teaching force of the State of Illinois. The boards of education of many high schools permit their teachers to attend this meeting without deduction from their pay. Many school boards defray in whole

or part the expenses of the teachers while attending this conference. The expense account of the last conference is printed herewith. It represents in a general way the annual expenditures:

EXPENDITURES, 1915.

Traveling expense	\$506 98
Clerical work	58 55
Printing	54 25
Office expense	1 88
Refreshments at reception	75 00
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	\$696 66
Publication of report (estimated)	725 00
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Total	\$1,421 66

This conference is a unique educational enterprise and people have visited it from nearly every state in the Union to study its organization and work. Prof. H. A. Hollister, High School Visitor, deserves chiefly the credit for elaboration of the plans and the successful organization and administration of the conference.

Superintendent Blair stated in connection with this report that he regarded this conference as a most important element in the educational work of the State and hoped that it would be made more and more efficient.

PROPOSED BUILDING FOR AGRICULTURE.

(24) A letter from the Dean of the College of Agriculture as to the necessity of more space for that college.

Edmund James James, President, University of Illinois.

DEAR SIR: I have the honor to report at this time upon the conditions that surround the agricultural work of the University with respect to space for office, laboratory, classroom, library, museum, and other similar facilities for the work of instruction and research—conditions that unless relieved will slowly but surely block the work of the institution.

Within a few months the next Legislature will be in session and well before that time definite plans of some character should be determined for relief.

It will then have been six years since we asked for the sum of \$337,000 for an addition to the Agriculture Building in order to provide space for the anticipated increase in attendance. However, the great need for funds at that time for the further support of the College, and the conclusion of the University that the agricultural plant should not permanently occupy its present position led to a withdrawal of the request for additional space in spite of the threatened conditions.

Since that time the registration has increased from 691 to 1,255, an average of over 100 a year. The faculty has increased from 74 to 153 and the graduating class from 51 to 191, a truly alarming (!) and disproportionate increase for the short space of five years.

It would have been impossible to care for the increase, particularly in the upper classes, except for a chain of circumstances that combined to relieve congestion, among which are the following:

1. Roofing the court of the Agriculture Building added some ten thousand square feet of space, about half of which is available for classrooms, the remainder serving for library, reading room, packing, and storage.

2. The Floriculture Building recently erected cares completely for the floricultural interests, and the plant for olericulture is equally effective.

3. The Stock Judging Pavilion relieved a space of 40 by 60 feet in the Agriculture Building (fully absorbed by moving Dr. Grindley's work from the Chemistry Building) and provided some half-dozen offices. While the tanbark arena is not suitable for general class purposes, yet it has been pressed into this service, accommodating as many as three classes at a time.

4. The Genetics Building, of so-called temporary construction, has been built this year. It relieves one room in the Agriculture Building, but its chief function is to provide adequate space for work in genetics, a subject much in demand, yet impossible to properly handle under the present restricted conditions.

5. The Academy has been abolished and the conditions under which special students are received have been greatly restricted, being now the same as for other colleges in the University, all of which has been accomplished without the addition of two-year courses, special courses, or any other device to provide instruction of secondary grade.

6. All elective privilege has been taken away from the freshmen, putting them into larger bodies with set courses, reserving the most expensive and space-consuming courses for upper classmen.

7. In addition, all junior and senior courses have been made elective, a procedure absolutely necessary in order to prevent the blocking of graduation of many men by lack of laboratory space in required courses. Without this device we should have been obliged before this to change the requirements so as to throw a larger proportion of instruction into nonagricultural departments or make graduation impossible for a considerable number of men.

8. Besides these devices to economize money and space, there has been a settled policy of the College Faculty to keep numbers down by refusing admission to transfers not in good standing; by urging all who have not lived at least a full year upon a farm to drop out not later than the sophomore year and get this experience before completing their course; and by frankly advising many individuals of mediocre academic ability not to continue in college, but to stop with one year and go at once to work.

That all this has been exceedingly effective is shown by comparative registrations. Up to six years ago Illinois led all the colleges, with a registration of 683, surpassing Cornell, its closest competitor, by 150. Now, however, New York, has 1,600 regular students, or 350 more than Illinois, besides some 1,250 two-year and short course men, or nearly 3,000 in all. It would have been impossible to care for such numbers here. Whether they would have presented themselves under conditions similar to those at Cornell is, of course, problematical.

What is positive cause for alarm is the fact that we are at the end of our resources for economizing space. We have gone to the limit in saving space by control of elective courses nor can we go much farther in urging students to drop their work, even temporarily. A good many courses are already closed before registration is complete. Even seniors are beginning to find it difficult, not merely to get what they want, but to get anything that will be accepted for graduation, and the time is right at hand when the University must adopt comprehensive measures for providing, not a little, but a large amount of new space in which to care for the students certain to present themselves. Even so, it will be exceedingly difficult to do this promptly enough to meet conditions adequately.

There is already a widespread feeling over the State that we are unable to take proper care of agricultural students. However, the increase of one hundred a year shows no signs of abatement, but rather of acceleration. To permanently discourage this normal increase by inadequate facilities would be most unfortunate.

More and more students are doing their earlier work elsewhere and presenting themselves with two or three years of advanced standing. The marvelous increase in the graduating class, almost quadrupled in five years, with all that it means in increased demands on us, are startling facts whose significance cannot be ignored.

Additional buildings, such as the Horticulture Building, feeding plants, barns, and so forth, will be without effect at the point in question, and we have arrived at the time when constructive and comprehensive steps must be taken and publicly announced for the relief of the situation.

Two years ago I pointed out approaching conditions and I can only say that all I feared then has transpired, and there is now no alternative but to provide at the earliest possible date at least double the space now available, or to turn away students, before another biennium has passed.

Inasmuch as no more relief is in sight through miscellaneous agricultural buildings and inasmuch as we cannot rely upon such as the Chemistry Building for other than temporary relief, the question of a new building is squarely before us, with the alternative of turning away students.

Our offices are now scattered in ten different University buildings, three-fourths of a mile between extremes. Only two classrooms remain in the old Agriculture Building, exclusive of the Court. The work is scattered and extremely difficult of administration. Many of the faculty are destitute of comfortable quarters in which to work. My own office is lighted by artificial light entirely. The students are becoming restless—in short, the college is suffering and is bound to suffer more before relief can possibly be afforded, even by the most prompt and effective action.

I do not believe the State would for a moment justify the University in limiting registration and turning away students, but I understand perfectly well that adequate space cannot be provided out of the mill tax. Everybody has seen the time approaching when this condition would have to be faced and accordingly, by permission of the Trustees, some preliminary studies have been made as to space that would be required when the college has in all probability assumed its stable condition as to numbers.

I have been at some pains to ascertain the judgment of students, faculty members, and citizens outside as to what in their opinion that number would be within twenty years or thereabouts. The estimates range from twenty-five hundred to three thousand, and I have no doubt that these numbers will be upon us if the University continues its policy of freely offering undergraduate work in agriculture. Not only that, the graduate work will increase, as will also that of research. The subject is going into the high schools and smaller colleges, yet in the opinion of those best qualified to judge, this fact will in no wise operate to the relief of the University either in numbers of students or the grade of instruction demanded.

The increasing interest in farming, the impulse for higher education among country people, and the call for teachers of this subject in secondary schools, all point to increased demands, particularly when we recall that this is the only institution of strictly collegiate grade in one of the largest and most populous farming states in the Union.

Not only that, the system of county advisers, already on a national basis, is certain to result in increased demands upon the Experiment Station, if not in the number of questions submitted for solution; certainly in their character and difficulty. For all these reasons, too, the demands upon us for graduate work are certain to increase.

Everything considered, the new plant should provide not less than three times the space of the present Agriculture Building. Even so, it would not much more than double the space now available when we consider the outlying territory at present occupied.

Such a building, of three hundred thousand square feet, of fireproof construction, such as is now being erected by the University, would cost, according to the architect's estimate \$1,600,000, and by the time the furniture, fixtures, and laboratory equipment are provided it is a \$2,000,000 proposition, under the closest kind of estimate. Anything less than this will come short of the needs in respect either to space or to the permanency of construction so much needed in a building receiving the hard usage which this structure will receive.

There is no relief in building separately for different departments or interests—indeed, a single building is more economical because in that way we combine

library and museum interests and avoid the duplication of large classrooms which can be used in common by different departments.

There is no hope that such a building can be provided either now or ever out of the mill tax revenue. Furthermore, the College cannot wait ten years for relief. It cannot wait five years without some substantial relief, but naturally if such a building were under process of construction that fact in itself would do much to allay restlessness and encourage both students and faculty by the prospect of better things. If, however, such a building is to be looked to as a means of relief it must be provided in some form by the coming Legislature. The policy must be announced early and a campaign started before election. For that reason I am asking at this time that the Trustees take the matter into serious consideration and determine whether in their judgment such a campaign should be opened.

Two years ago the feeling was general that such a campaign was inadvisable. Whether it is now advisable is for the Trustees to determine, but I have given abundant evidence that the problem can no longer be ignored. The alternative is, of course, to postpone the issue by providing the College with additional space of temporary construction, which I assume can be provided within the mill tax, but it will require not less than one hundred thousand square feet, half of which should be provided as soon as it can be constructed.

I think I am speaking for all my associates when I say that the faculty is not strenuous about an entirely new plant at this time. Naturally we should prefer to go on with our work and leave our successors the task of planning and erecting so comprehensive a plant as the College of Agriculture will shortly need. None of us has an ambition to devote the next three or four years to the details of building space and erection and yet we are desirous above all things to do that which is best for the College and the University.

In discussing the matter with the representative farmers I find them in every case opposed to the policy of temporary construction, or of temporizing with the situation in any way. They point out, and correctly, that to equip the College now with temporary buildings is not to solve the problem, but only to postpone it, and, so far as I have discussed the matter, without exception these men are ready to go to work for funds for a comprehensive plant if, in the judgment of the Trustees, it is wise to do so, considering all the interests of the University.

Upon this point, of course, I am not a competent judge. Two years ago I had the feeling that if such a campaign were to be inaugurated it should be not only for the Agriculture Building but for the Library Building also, upon the general proposition that the Trustees cannot operate a great University and at the same time build the plant out of the proceeds of the mill tax, and I am not sure yet but this would be the best procedure, proposing a bond issue rather than an appropriation, upon the ground of distributing the cost equally among those who are to be benefited.

However, I am convinced now that it is entirely safe to launch a campaign for an agricultural building alone without regard to any other, though I am sure that at the outset it would have to appear that this is not the only building which the Trustees will be unable to provide without outside help. My work on the budget committee has convinced me that if the University is to grow as it ought to grow, in quality as well as in quantity, the entire mill tax will be absorbed in operating expenses within the space of two or, at the most, three bienniums, unless the basis of taxation is changed.

As I have already indicated nobody covets the task of conducting such a campaign and yet everybody involved so far as I know is entirely willing to undertake it as being the only adequate solution of our problem. Above all things we dread to see a condition of dry rot developing in the heart of our work in agriculture.

One phase of the situation I may perhaps with profit emphasize at this point. There is yet in the State outside in good working order the original body of men who placed the College of Agriculture upon its feet. Not only that, the members of the faculty who worked with them and with whom they feel acquainted are all still with us, and the old working combination can be quickly revived for an aggressive campaign.

Naturally, such a condition will not longer continue and there will probably never again be a time when the machinery for such a campaign is as complete or the forces inside and out as nearly intact and as well acquainted as now. Several of the "Old Guard" have dropped out already, two of them this year. In the natural order of events greater changes in our faculty will occur in the next few years than have occurred in those of the past and undoubtedly the conditions for a successful campaign, so far as its promoters are concerned, will never again be duplicated. Back of it all we now have a President and a Board of Trustees who understand agriculture and its meaning in this State as perhaps it may not be understood by their successors.

For the first time in such a campaign we would have a large body of active students and alumni who thoroughly understand the needs of the College in this respect, and who are in a position, through their organizations and their journal, the Illinois Agriculturist, to promote the enterprise from the students' standpoint, an influence I am satisfied which would be felt in the State with no little effect.

I have discussed the matter repeatedly and at length with my associates, particularly the heads of departments, and we agree perfectly as to the gravity of the situation and as to the way out. I have therefore no hesitation in making definite recommendations.

All things considered, I am clear in recommending:

1. That the University authorize a campaign for a \$2,000,000 Agriculture Building to be erected from funds outside of the mill tax, either under a State appropriation or a bond issue, as circumstances seem to advise.

2. That this authorization be given at the earliest possible moment to the end that time, which is a large factor in our success, may be used to the best advantage and the campaign be gotten well on its feet before the fall elections,

3. That if this course seems impracticable the Trustees definitely announce their policy of caring for our needs as they arise by temporary construction, of which we should have 50,000 square feet as soon as it can be erected, and as much more in the immediate future.

It may be argued that we must not ask what the State may be unwilling to give. My answer is that we have no responsibility at that point. It is for the Legislature, not the University, to decide what the State will do.

Nor are we responsible for the conditions that confront us. They have been created by the people who evidently intend to send their sons and daughters to the University of Illinois for an education.

We have but one responsibility in the premises and that is to let the facts be known, with a definite proposition for an adequate solution of the situation. If the State refuses to act we are absolved, and may do any thing, even to refusing students; otherwise, we assume a responsibility that is theirs, not ours.

Very respectfully submitted,

E. DAVENPORT, *Dean and Director.*

This communication was received for record.

At this point Mr. Blair withdrew.

STANDING COMMITTEES, 1916-17.

The list of standing committees of the board, reappointed by President Abbott on March 16, 1916,* is printed here in accordance with Article IV, section 5, of the by-laws of the board:

Buildings and Grounds.

William L. Abbott, Chairman; Mary E. Busey, Robert F. Carr, Laura B. Evans, Robert R. Ward.

Finance.

Otis W. Hoit, Chairman; Ellen M. Henrotin, Len Small, John R. Trevett, Robert R. Ward.

Engineering.

John R. Trevett, Chairman; Robert F. Carr, William L. Abbott.

Agriculture.

Len Small, Chairman; Otis W. Hoit, John R. Trevett.

College of Medicine and School of Pharmacy.

Laura B. Evans, Chairman; William L. Abbott, Otis W. Hoit.

Students' Welfare.

Ellen M. Henrotin, Chairman; Mary E. Busey, Laura B. Evans, Florence E. Watson.

Instruction.

Francis G. Blair, Chairman; Robert R. Ward, Florence E. Watson.

Library.

Mary E. Busey, Chairman; Ellen M. Henrotin, Florence E. Watson.

THE REGISTRAR'S REPORT OF FEES PAYABLE FIRST SEMESTER, 1915-16.

The Secretary of the board presented for record the report of fees payable during the first semester for the academic year 1915-16, as compiled by the Registrar, Mr. C. M. McConn:

Matriculation Fees—

1507 @ \$10	\$15,070 00	.....	.....
Refund 106 @ \$10 .....	.....	\$1,060 00	.....
Total, matriculation fees	\$15,070 00	\$1,060 00	\$14,010 00

Incidental Fees—

3983 @ \$12	47,796 00	.....	.....
2 @ \$6 (one-half)	12 00	.....	.....
Refund 148 @ \$12 .....	.....	1,776 00	.....
Refund 38 @ \$6 (one-half) .....	.....	228 00	.....
Total, incidental fees	\$47,808 00	\$2,004 00	\$45,804 00

Tuition Fees—

449 @ \$7.50	3,367 50	.....	.....
Refund 105 @ \$7.50 .....	.....	787 50	.....
Refund 13 @ \$3.75 (one-half) .....	.....	48 75	.....
81 @ \$25.00 (Law)	2,025 00	.....	.....
5 @ \$12.50 (Law, one-half)	62 50	.....	.....
Refund 1 @ \$25 .....	.....	25 00	.....
9 @ \$5 (courses, Law)	45 00	.....	.....
Total, tuition fees	\$5,500 00	\$861 25	\$4,638 75
Total, general fees	\$68,378 00	\$3,925 25	\$64,404 75

* The Secretary received the following letter on March 17, 1916:

Mr. H. E. Cunningham, Secretary, Board of Trustees.

DEAR SIR: Answering your letter of March 15, in reference to the board committees for the ensuing year, will say that these committees will be constituted just as they were last year, and I will ask you to so advise the members of the board.

Very truly yours,

W. L. ABBOTT.

Music Fees--

83 @ \$8.50	\$705 50		
1 @ \$4.25 (one-half)	4 25		
Refund 4 @ \$8.50		\$34 00	
6 @ \$9	54 00		
Refund 1 @ \$4.50 (one-half)		4 50	
6 @ \$11	66 00		
Refund 2 @ \$5.50 (one-half)		11 00	
4 @ \$15	60 00		
4 @ \$19.50	78 00		
1 @ \$9.75 (one-half)	9 75		
8 @ \$25	200 00		
Refund 1 @ \$25		25 00	
Total, music fees	\$1,177 50	\$74 50	\$1,103 00

Laboratory Fees--

Architecture	376 50	7 50	369 00
Architectural engineering	172 00	1 00	171 00
Bacteriology	54 50		54 50
Botany	721 00	17 00	704 00
Ceramics	95 00		95 00
Chemistry	13,256 50	819 50	12,437 00
Civil engineering	239 50	75	238 75
Electrical engineering	905 50	7 00	898 50
Entomology	253 50	13 75	239 75
General engineering drawing	94 00	8 00	86 00
Geology	267 75	14 38	253 37
Household science	589 00	38 00	551 00
Mechanical engineering	376 50	2 50	374 00
Mining engineering	6 00		6 00
Municipal and sanitary engineering	52 00		52 00
Physics	1,068 00	11 50	1,056 50
Physiology	402 50	10 50	392 00
Photography	40 00		40 00
Psychology	34 00		34 00
Theoretical and applied mechanics	570 00	27 00	543 00
Zoology	546 50	31 25	515 25
Total, laboratory fees	\$20,120 25	\$1,009 63	\$19,110 62

Listener's Fees--

9 @ \$7.50	67 50		67 50
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Special Examination Fees--

108 @ \$5	540 00		
Refund 1 @ \$5		5 00	535 00

Late Registration Fees--

116 @ \$1	116 00		
Refund 6 @ \$1		6 00	110 00

Change Fees--

455 @ \$1	455 00		
Refund 3 @ \$1		3 00	452 00

Diploma Fees--

2 @ \$5	10 00		10 00
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Total, special fees	\$1,188 50	\$14 00	\$1,174 50
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Total fees	\$90,864 25	\$5,023 38	\$85,840 87
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APPOINTMENTS TO FILL VACANCIES.

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

Anderegg,* F. O., Research Assistant in Chemistry, beginning as soon as he reports for duty and continuing until June 30, 1916, at a salary of ninety dollars (\$90) a month. (February 12, 1916.)†

Baldwin, F. M., Assistant in Zoology in the Summer Session of 1916, at a remuneration of one hundred fifty dollars (\$150) for the session. (March 7, 1916.)

Berninger, Harriet, Assistant in Education in the Summer Session of 1916, at a remuneration of two hundred dollars (\$200) for the session. (March 7, 1916.)

Bond, Ethel, Instructor in the Summer Session of the Library School of 1916, at a remuneration of two hundred dollars (\$200) for the session. (February 15, 1916.)

Choisser, R. M., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Cloud, Eva, Lecturer in the Summer Session of the Library School for 1916, for one week, at a remuneration of forty-five dollars (\$45) for the week. (February 15, 1916.)

Crown, Astrid E., University Stenographer, Rank 2, in the Office of the Purchasing Agent of the College of Medicine, at a salary of fifty dollars (\$50) a

* Appointment made by Vice President Kinley.

† The date in parenthesis is the date on which the appointment was made by the President to the Vice President of the University.

month, beginning March 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (March 6, 1916.)

Folsom, J. W., Instructor in Entomology in the Summer Session of 1916, at a remuneration of three hundred dollars (\$300) for the session. (March 7, 1916.)

Fontaine, E. O., Shelf Assistant in the Library, at a salary of forty-two and one-half dollars (\$42.50) a month, beginning February 1, 1916, and ending August 31, 1916; this appointment superseding his former appointment at thirty-six dollars a month. (February 16, 1916.)

Glasgow, R. D., Instructor in Entomology in the Summer Session of 1916, at a remuneration of two hundred twenty-five dollars (\$225) for the session. (March 7, 1916.)

Jennings, W. W., Assistant in Economics, on one-half time, beginning February 7, 1916, and ending June 30, 1916, at a salary of three hundred dollars (\$300) for the semester; this appointment superseding his former appointment as Scholar in History. (February 15, 1916.)

Keener, H. A., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Klein, Gordon, Shelf Assistant in the Library, on one-half time, at a salary of twenty-seven and one-half dollars (\$27.50) a month, beginning February 1, 1916, and ending August 31, 1916; this appointment superseding his former appointment on one-third time. (February 16, 1916.)

Lahners, Thomas, Student Assistant in Anatomy in the College of Medicine, to give ten hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Newlin, W. B., Shelf Assistant in the Library, on one-half time, beginning February 1, 1916, and ending August 31, 1916, at a salary of twenty-seven and one-half dollars (\$27.50) a month. (February 16, 1916.)

Orcut, A. H., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Priem, H. W., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Reece, E. J., Instructor in the Summer Session of the Library School of 1916, at a remuneration of two hundred twenty-five dollars (\$225) for the session. (February 15, 1916.)

Steinberg, M. E., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Strauch, H. H., Assistant in Physiological Chemistry in the College of Medicine, beginning when he reports for duty and ending August 31, 1916, at a salary of eighty-three and one-third dollars (\$83.33) a month. (March 8, 1916.)

Thompson,* Alice A., Cataloger in the Library, at a salary of sixty-five dollars (\$65) a month, beginning January 17, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (February 9, 1916.)

Wallace, Cora E., Assistant in Music in the Summer Session of 1916, at a remuneration of one hundred fifty dollars (\$150) for the session. (March 7, 1916.)

Zippodt, Ella, Stenographer in the Department of Botany, at a salary of fifty dollars (\$50) a month, beginning March 13, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment in the Engineering Experiment Station. (March 9, 1916.)

The board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

* Appointment made by Vice President Kinley.