

MEETING OF DECEMBER 14, 1915.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, on Tuesday, December 14, 1915, at 12.00 m.

The following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson.

President James was present.

APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of October 14, 1915. On motion of Mr. Carr, the minutes were approved as printed above on pages 845 to 857, inclusive.

MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

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

SAFEGUARDING OF COLLECTIONS.

(1) The following statement:

A recent defalcation by the cashier of a neighboring university caused me to examine again the system employed by the University of Illinois to safeguard the funds collected by the institution. In response to my request, the Comptroller has submitted a communication of several pages covering the points involved. I recommend that this communication be referred to the Finance Committee for consideration and report.

This recommendation was concurred in.

REGISTRATION, NOVEMBER 1, 1915.

(2) A report of the Registrar showing the comparative registration in the University on November 1, 1915, and November 1, 1914.

This report was received for record.

COMPARATIVE REGISTRATION, NOV. 1, 1914, AND NOV. 1, 1915.

BY COLLEGES AND SCHOOLS IN URBANA AND CHICAGO.

Colleges and schools.	1914			1915		
	Men.	Women.	Total.	Men.	Women.	Total.
Liberal Arts and Sciences.....	*711	642	1,353	727	745	1,472
Commerce.....	*368	8	376	508	19	527
Engineering	1,195	3	1,198	1,180	5	1,185
Agriculture.....	934	144	1,078	1,045	148	1,193
Music.....	4	64	68	4	55	59
Total, undergraduates.....	3,212	861	4,073	3,464	972	4,436
Law.....	112	.....	112	86	.....	86
Library School.....	3	43	46	2	37	39
Graduate School.....	282	58	340	325	68	403
Total, Nov. 1.....	3,609	962	4,571	3,887	1,077	4,964
Summer Session.....	589	349	938	647	381	1,028
Deduct duplicates.....	315	96	411	284	105	389
Net total	274	253	527	363	276	639
Total, Urbana to date.....	3,883	1,215	5,098	4,250	1,353	5,603
Increase at Urbana.....	.....	.....	.....	.....	.....	505
Per cent of increase.....	.....	.....	.....	.....	.....	9.86

COMPARATIVE REGISTRATION—Concluded.

Colleges and schools.	1914			1915		
	Men.		Total.	Men.	Women.	Total.
Medicine (Chicago).....	264	23	287	214	12	226
Dentistry (Chicago).....	83	1	84	122	5	127
Pharmacy (Chicago).....	191	8	199	185	10	195
Total in Chicago.....	538	32	570	521	27	548
Total in University.....	4,421	1,247	5,668	4,767	1,384	6,151
Deduct duplicates.....	3	1	4	1		1
Net total.....	4,418	1,246	5,664	4,766	1,384	6,150
Increase.....						486
Percentage of increase.....						8.54

* The courses in Commerce were in L. A. & S. in 1914, but the figures are separated here for purposes of comparison.

APPARATUS FOR ANATOMY.

(3) A request from the Department of Zoology, approved by Dean K. C. Babcock, for an appropriation of \$700 for the purchase of equipment necessary to carry on Courses 1 and 2 in Human Anatomy.

On motion of Mrs. Evans, the sum of seven hundred dollars, or so much thereof as may be necessary, was appropriated for the purchase of equipment as requested above. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

ALBERT P. GROUT.

(4) Announcement of the death of Albert P. Grout, formerly a member of the Board of Trustees.

Mr. Hoit and Mrs. Evans were appointed a committee to draft resolutions to be sent to the surviving members of the family, to be printed in the minutes, and to be given to the press.

CONFERENCE OF COLLEGE PRESIDENTS.

(5) A request for authority to hold a conference of the college presidents of the State to consider the relations of the colleges with the University; and for an appropriation of \$250 to pay the traveling expenses of the persons invited and the other expenses of the conference.

On motion of Mrs. Henrotin, authority to call such a conference was granted and the sum of two hundred fifty dollars, or so much thereof as may be necessary, was appropriated for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

SENATE COMMITTEES ENLARGED.

(6) A recommendation from the University Senate that the statute (University of Illinois Statutes, 1908, page 35, IV, 1 and 2) concerning the standing committees of the Senate be amended to provide for seven members (instead of five) of the Committee on Educational Policy and the Committee on the Library.

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

AUTOMOBILE FOR THE OPERATING DEPARTMENT.

(7) A request from the Operating Department for the purchase of a five-passenger Ford which has been rented for some time for the use of that department. The machine is a second-hand car that has been run two hundred fifty miles, and is in excellent condition. It is equipped with shock absorbers and all accessories and cost when new \$465. The amount already paid for rental (\$235) may be applied on the purchase of the car; the appropriation of the balance (\$175) is now requested.

On motion of Mrs. Evans, the sum of one hundred seventy-five dollars was appropriated for the purchase of this automobile. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

RESOLUTIONS, ILLINOIS SOCIETY OF ARCHITECTS.

(8) Resolutions passed in November by the Illinois Society of Architects to the following effect:

"That it be the sense of the Illinois Society of Architects that the School of Architecture be taken out of the College of Engineering and be given its proper place in the curriculum."

No action was taken in this matter.

EXAMINATION IN ENGLISH LITERATURE.

(9) A recommendation from the University Senate that the item "English literature, 2 units" be omitted from the list of examinations required of applicants for admission who present 15 units from accredited high schools, but who are not graduates of such schools.

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

THE CURRICULUM IN MUSIC.

(10) A recommendation from the University Senate that the following changes be made in the curriculum of the School of Music:

1. That the number of credit hours in the major subject be made four instead of six each semester for two lessons a week.
2. That the minor subject be required for each of the four years.
3. That Education to be required in the second semester of either the junior or the senior year.

On motion of Miss Watson, these changes were authorized.

SIX-YEAR CURRICULUM IN SCIENCE AND DENTISTRY.

(11) A recommendation from the University Senate that a six-year curriculum in Science and Dentistry be established, the first three years to be taken at Urbana and the last three in Chicago, the graduate to receive the degrees of Bachelor of Science and Doctor of Dental Surgery at the end of the six years.

On motion of Miss Watson, this curriculum was authorized.

LEAVE OF ABSENCE FOR MR. O. S. WATKINS.

(12) A request from Prof. J. C. Blair, endorsed by Dean Davenport, that Mr. O. S. Watkins, of the Department of Horticulture, be granted leave of absence on full pay for four months. Mr. Watkins has been connected with the University for about ten years but has seldom taken a vacation. In view of the fact that he is in ill health, this request does not seem to be unreasonable.

On motion of Mr. Carr, this request was granted.

SITE FOR SCHOOL OF PHARMACY.

(13) A recommendation that the following properties in Chicago be purchased to provide adequate housing facilities and also for extension of buildings to take care of the School of Pharmacy and such other departments as may be located on this property:

1. The lot at the southeast corner of South Wood and Flournoy Streets. 75 123.79 feet, with a four-story brick building occupied by the Jenner Medical College, including the properties numbered 701, 703, and 705 South Wood Street. Price, \$16,100 and certain expenses for commission, abstract, and guarantee of title.

2. The property immediately south of No. 1, being a lot 51.25 by 123.79 feet, with a three-story building formerly occupied by the Chicago Homeopathic Hospital and later by the Detention Hospital; the building is number 711 South Wood Street. Price, \$9,240 and expenses for commission, abstract, and guarantee of title.

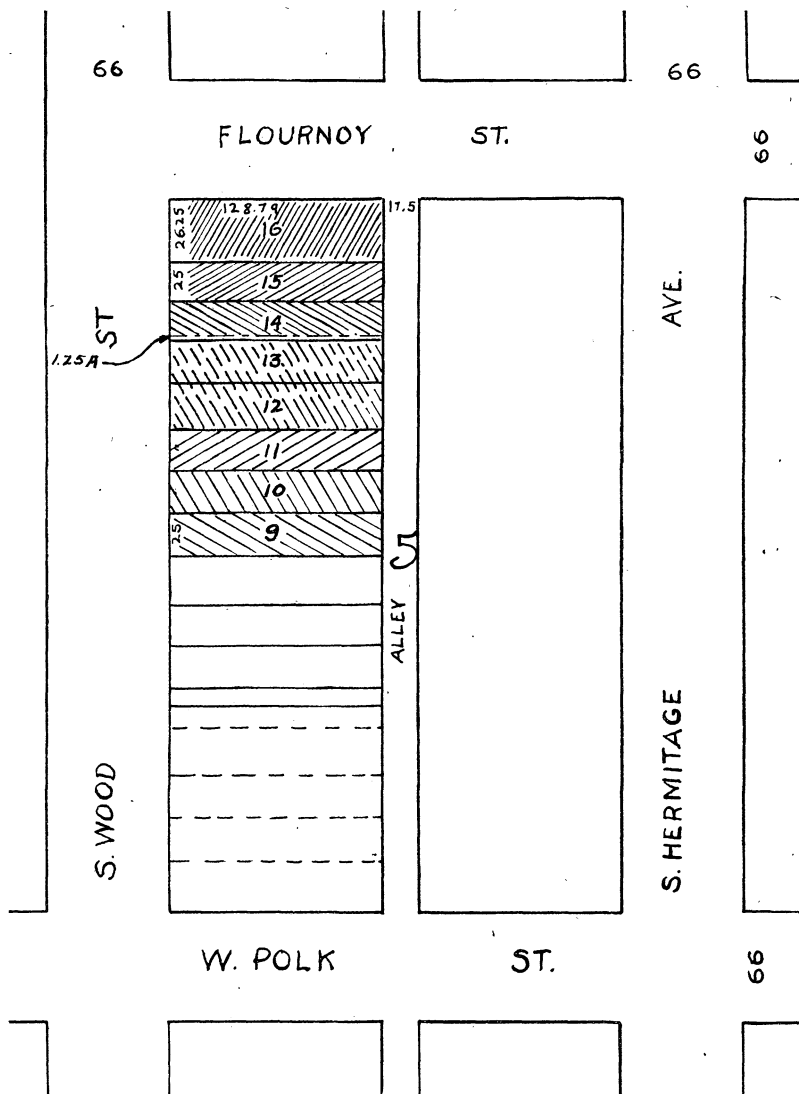
3. The property immediately south of No. 2, being 75 by 123.79 feet, with three small buildings numbered 713, 717, and 719 South Wood Street. Price, \$10,250 and expenses for commission, abstract, and guarantee of title.

I think the second and third properties should be obtained for a smaller sum, altho they will be worth to the University the price named. I estimate that it will cost about \$25,000 to put the buildings in satisfactory condition for use. This will make approximately \$60,000. The property is all needed at the present time. Its acquisition will enable the University to put in a hothouse and an experimental plot for growing medicinal plants—both of which are needed for the work in pharmacy.

It appears that the Executive Committee purchased the Jenner Medical School property last week, subject to the approval of the board. I recommend that this action be approved, and that the President of the board be authorized to purchase the other properties within the prices named above.

On motion of Mr. Carr, the action of the Executive Committee in purchasing the Jenner property was approved and the sum of \$16,600 was appropriated to pay for this property. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

On motion of Mr. Hoit, the President of the board was authorized to purchase the second and third properties* recommended at the prices named.



Lots purchased for the School of Pharmacy.

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

* The legal description of all three properties is given in the following letter:

CHICAGO, DECEMBER 13, 1915.

Dr. Edmund J. James, Urbana-Champaign, Illinois.

DEAR DOCTOR: Complying with your request of yesterday, we enclose plat, the colored sections of which show the three properties under contract of purchase, as follows:

Jenner property (as we have usually referred to it), No. 701-707 South Wood Street, held by Hering Medical College and Hospital, known and described as lots 15 and 16 and the North 23.75 feet of lot 14 in Carpenter's Resub of the West $\frac{1}{2}$ of block 5 in the Assessor's Division of the East $\frac{1}{2}$ of the Southeast

RUSH MEDICAL COLLEGE.

(14) The following statement:

It has been suggested that the President of the University meet with the trustees of the Rush Medical College to discuss the medical situation in the city of Chicago, with a view to a possible consolidation of Rush Medical College and our College of Medicine.

I think it would be well to hold such a conference, and I advise the Trustees to accept the property of Rush Medical College, if an offer should be made to that effect, with the understanding that it should be devoted to the purposes of medical research and education.

The Board of Trustees two years ago (report, 1914, page 747) indicated its willingness to do this. I recommend that it express its opinion upon this subject at the present time.

On motion of Mrs. Evans, Chairman of the Committee on the College of Medicine, the action of the board taken on April 22, 1914, concerning the consolidation of Rush Medical College with the University of Illinois was re-affirmed, and the President of the University was authorized to negotiate the terms of such consolidation and to submit the terms to the board for consideration and action.

APPOINTMENT OF PROFESSOR EMMEL.

(15) A recommendation that Dr. Victor E. Emmel, of Washington University Medical School, be appointed Assistant Professor of Anatomy in the College of Medicine for a term of three years, beginning September 1, 1916, at a salary of twenty-seven hundred and fifty dollars a year; and that he be appointed Assistant Professor of Anatomy from January 1, 1916, to August 31, 1916, at a salary of thirteen hundred dollars for the period. The salary to be paid from funds assigned to the College of Medicine.

On motion of Mrs. Evans, this appointment was made.

SMITH MUSIC BUILDING.

(16) The following statement:

Capt. Thomas J. Smith, it will be remembered, presented to the Trustees of the University of Illinois seven hundred and seventy acres, more or less, of farm lands in Champaign County, the proceeds of the sale of which were to be used in the erection of a Music Building. The Trustees agreed to erect a building on the Campus for this purpose as soon as feasible, at a cost of not less than two hundred fifteen thousand dollars. Capt. Smith is desirous of seeing this building erected at the earliest possible date.

I recommend that these farms be put into the hands of Mr. Bruce Henderson, real estate agent, for sale, at a price not less than the valuation placed on these farms by Capt. Smith. Mr. Henderson is willing to list these farms, advertise them, and do the best he can to sell them, provided they are listed exclusively with him for the term of one year from December 1, 1915, with the understanding that if he sells these farms during that period, or any portion of them, he shall be paid a commission of two dollars an acre on all acres sold. Mr. Henderson should report to the Board of Trustees any *bona fide* offer made for any of the farms for the consideration of the board.

I recommend further that the Supervising Architect be directed to proceed with the preparation of plans for the erection of a wing of this building, and that if the farms, or some portion of them, cannot be sold in time to meet the necessary expenses connected with the erection of such a building as may be approved by the board, a loan shall be placed on these farms to the extent which may be necessary to carry on the construction of this building.

I am informed by Mr. Matthew W. Busey and Mr. Henderson that it will be feasible in their opinion for the Trustees to place a loan on the average of one hundred dollars an acre on these lands. Such a loan would provide seventy thousand dollars. The University would, of course, have to provide the additional money which might be necessary for the completion of the wing of the building from other funds, to be reimbursed by the subsequent sale of the lands.

Prof. White's preliminary plan involves the erection of one wing for the sum of one hundred seventy thousand dollars, and this wing would be usable for the purposes of the School of Music from the day of completion.

Aside from Capt. Smith's wishes in this matter, which certainly ought to receive the very greatest consideration, the University is in great need of this building for the work of its School of Music.

$\frac{1}{2}$ of section 18 township 39 north, range 14 east of the third Principal Meridian in Cook County, Illinois. This ground is occupied by 3 story and basement building. Price \$16,100. Lot size 75 by 123.79 feet.

Old Detention Hospital (as we have usually referred to it), No. 709-711 South Wood Street, held by Chicago Homeopathic Hospital, known and described as lots 12, 13 and the south 1.25 feet of lot 14 in the Resub of the west $\frac{1}{4}$ of block 5, etc. This ground is occupied by 3 story and basement brick building. Price \$9,240. Lot size 51.25 by 123.79 feet.

Prehler property, No. 715, 717, 719 South Wood Street, 3 2-story frame buildings, held by Adam Prehler, known and described as lots 9, 10, and 11 in the block and sub above mentioned. Price \$10,250 plus cost of continuing guarantee policy (about \$50 or \$75). Lot size 75 by 123.79 feet.

We congratulate you for having been able to secure these properties at the very low prices paid. We consider them an unusual bargain.

Lease of your space Michigan Avenue and Twelfth Street requires 4 months written notice if you wish to terminate. Kindly send us this notice to arrive before January 1, 1916.

Yours truly

McKEY & POAGUE

By ALEXANDER PRUSSING.

On motion of Mr. Carr, the matter of the sale or mortgaging of the Smith lands was referred to the Finance Committee with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson;* noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

On motion of Mrs. Evans, the Supervising Architect was instructed to proceed with the preparation of plans for the Music Building and was authorized to consult with Mr. C. H. Blackall concerning these plans.

PROMOTION OF PROFESSOR T. D. YENSEN.

(17) A recommendation from Dean W. F. M. Goss of the College of Engineering, approved by the heads of the departments in the Engineering Experiment Station, that in recognition of his significant service in the development of engineering research, Mr. Trygve D. Yensen be promoted to be Research Assistant Professor of Electrical Engineering in the Engineering Experiment Station, at a salary of twenty-four hundred dollars a year, beginning January 1, 1916.

Mr. Yensen seems to have done some rather remarkable work in his investigation of the magnetic properties of iron and iron alloys. The first part of his problem was to develop a method of producing pure iron as a basis for the investigation. After experimenting with the methods used by previous investigators, a new one was finally perfected, consisting in melting electrolytically refined iron in a vacuum. The iron produced by this method was far purer than any iron previously produced by fusion, the iron containing only 0.02 to 0.03 per cent impurities.

The magnetic properties of the vacuum fused iron proved as remarkable as its purity. Its maximum permeability was found to be about 20,000, which is from two to three times as high as the best magnetic iron or iron alloy previously produced. By alloying the pure iron with certain percentages of silicon, even better results were obtained, the maximum permeability being raised to above 50,000.

By making use of this alloy it will be possible to cut in two the amount of material needed for electrical machinery, such as transformers, and at the same time to minimize greatly the losses that occur continuously as long as the machine is in operation.

On motion of Mrs. Henrotin, the promotion of Mr. Yensen was made according to the recommendation, and the congratulations of the board were extended to Mr. Yensen on his achievement. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

REPORTABLE DISEASES.

(18) A recommendation from the Council of Administration that the following regulation proposed by Dr. J. H. Beard on the subject of reportable diseases be adopted:

"It shall be the duty of every member of the faculty and every employee of the University of Illinois on whose premises there resides any person suffering from or suspected to be suffering from or afflicted with any of the diseases enumerated in this section (hereafter referred to as 'reportable diseases') immediately to report the same in writing or by telephone followed by a written report to an official designated by the President of the University."

REPORTABLE DISEASES.

List of the Illinois State Board of Health.

Tuberculosis (any form).	Rocky Mountain Spotted	Continued Fever (over 7
Diphtheria (membranous	Fever.	days).
croup).	Cerebrospinal Fever.	Smallpox.
Typhoid and Paratyphoid	Measles.	Chickenpox.
Fever.	Whooping Cough.	Typhus Fever.
Scarlet Fever (scarlet	Malaria.	Leprosy.
rash).	Hookworm Disease.	Rabies.
Scarlatina.	Pellagra.	Tetanus.
Dysentery (amebic or bac-	Bubonic Plague.	Glanders.
illary).	Asiatic Cholera.	Anthrax.
Acute Infantile Paralysis.	Puerperal Fever.	Trichinosis.
Epidemic Meningitis.	Actinomycosis.	Trachoma.
Septic Sore Throat.	Yellow Fever.	Mumps.
Ophthalmia Neonatorum.		

As the wording of this regulation is taken from the general rules for the control of communicable diseases adopted by the Illinois State Board of Health, February 16, 1915, and as it requires of the faculty and employees of the University no publicity or inconvenience not demanded by the Illinois State Board of Health under the penalty of fine and imprisonment, I recommend that it be approved.

On motion of Mr. Carr, this regulation was adopted.

* Miss Watson later requested the Secretary to append a footnote stating that her vote was conditioned on the legality of the borrowing of money by the Board of Trustees.

EXAMINATION FOR DIPHTHERIA AND TYPHOID FEVER.

(19) A joint recommendation from Dean T. A. Clark and Registrar C. M. McConn, concerning a regulation as to examinations of persons connected with the University in cases of diphtheria and typhoid fever:

SUGGESTED REGULATIONS.

Concerning the bacteriological examination of persons connected with the University:

1. Diphtheria: Examination for the release of persons who have been in the same house or in contact with any person infected with diphtheria: two negative cultures in succession taken at intervals of not less than twenty-four hours.

Examination for the release of persons who are convalescent or those who may harbor the diphtheria organism without showing the usual clinical signs: Three negative cultures in succession at intervals of not less than twenty-four hours for all persons connected with the University; but persons connected with the University whose duties require them to handle food or vessels used in the cooking or serving of food should not be permitted to take up their work until at least four consecutive negative cultures taken at intervals of not less than twenty-four hours have been obtained.

2. Typhoid Fever: Persons convalescent from typhoid fever should be released after two consecutive negative examinations of both urine and stools. These examinations should be taken at intervals of not less than one week. Persons whose duties bring them in contact with food or the handling of vessels used in cooking or serving food should be required to submit to four consecutive examinations of this nature; these examinations to be made at intervals of not less than two weeks. Furthermore, these examinations should not begin until after the person has left the hospital.

The suggestions regarding typhoid fever quoted above are based on the practise of the Massachusetts State Board of Health. Ledingham of the Leicester Institute of London recommends even more examinations than have been suggested. The Massachusetts State Board of Health, however, feels that the above scheme is satisfactory and is both safe and practical.

Diphtheria and typhoid fever seem to be the only two diseases to which it is necessary to make any special reference.

Bacteriological examination of sputum for tuberculosis and Widal tests for typhoid can be made in the laboratory satisfactorily upon request.

On motion of Mr. Carr, these regulations were adopted, and the President of the University was authorized to employ some member of the staff to carry on the work of the bacteriological examinations until further notice at a stipendium of twenty-five dollars a month. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

A this point, President Abbott, being called from the room, requested Mr. Carr to take the chair. His vote on the next questions (20 and 21), was given when he returned to the meeting.

MEDICAL EXAMINATION OF STUDENTS.

(20) A request from Prof. T. A. Clark, Dean of Men, that he be authorized in case he deems it necessary to send students to Dr. J. H. Beard for medical examination.

On motion of Mrs. Evans, this authority was given, and the President of the University was authorized to approve vouchers for a reasonable fee to Dr. Beard for such examinations, and to assign and equip a room for the office of the examiner. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

PRACTISE ORGAN.

(21) A request from Director J. L. Erb, of the School of Music, that a practise organ be purchased for the use of students. It is proposed to charge students who wish to use this practise organ a reasonable fee. We have found it hard to carry on our organ courses because students find difficulty in getting the use of organs, which, in a locality like Urbana-Champaign, are limited to the churches.

On motion of Mrs. Henrotin, the President of the University was authorized to direct the purchase of a practise organ at a price not to exceed one thousand dollars. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

A this point, President Abbott returned to the meeting and recorded his vote in the affirmative concerning the medical examination of students and the purchase of a practise organ.

SUBSIDY FOR PSYCHOLOGICAL REVIEW.

(22) A request from Prof. Madison Bentley for a contribution of one hundred dollars a year to the support of the Psychological Review publications.

The President of the University was given authority to make such an assignment of funds for the present year in case it seems to him wise.

CURRICULUM IN PHARMACEUTICAL CHEMISTRY LENGTHENED.

(23) A recommendation from Prof. W. B. Day, Acting Dean of the School of Pharmacy, that the curriculum for the degree of Pharmaceutical Chemist be lengthened to three years, beginning September 1, 1916, for all students beginning the course at that time.

On motion of Miss Watson, this recommendation was approved.

APPOINTMENT OF PROF. BLACKWELDER.

(24) A request for authority to appoint Elliott Blackwelder of the University of Wisconsin to be Professor of Geology and head of the Department of Geology, at a salary of four thousand dollars a year, beginning on February 1 or September 1, 1916, as may seem best.

On motion of Mrs. Evans, the President of the University was authorized to make this appointment.

DETAIL OF MAJ. R. W. MEARNS.

(25) The following communication has been received from Maj. General H. L. Scott, Chief of Staff:

SPECIAL ORDERS, No. 286.

WAR DEPARTMENT, WASHINGTON, December 9, 1915.

Extract.

By direction of the President, Maj. Robert W. Mearns, 12th Infantry, is detailed as Professor of Military Science and Tactics at the University of Illinois, Urbana, Ill., to take effect January 22, 1916. Maj. Mearns will proceed to Urbana and report in person on that date to the President of the University for duty. The travel directed is necessary in the military service.

By order of the Secretary of War,

H. L. Scott,

Major General, Chief of Staff.

Official:

H. P. MCCAIN,

The Adjutant General.

This statement was received for record.

BUILDING PROGRAM.

(26) A statement from Prof. J. M. White, Supervising Architect, concerning the building program:

VIVARIUM.

1. The Vivarium Building is practically completed, and it is recommended that the board authorize a final settlement with the general contractor. He will not finish his contract until a week after the date set, but he is entitled to an extension because of minor changes in the building, and it is recommended that this extension of time be granted.

On motion of Mr. Hoyt, an extension of one week was granted to the general contractor on the Vivarium Building for the completion of his contract, and the Supervising Architect was authorized to make a final settlement with the general contractor.

CERAMICS.

2. The Ceramics Building is now under roof and plastering will begin in about one week. The contract date for the completion of this building is February 19, and it is probable that it will be ready by that time.

CHEMISTRY.

3. The Chemistry Building will be ready for use in parts for the second semester of the present academic year. Freeman and Brooks, the general contractors, think now that they will have their work done by January 1, 1916. The supply of the furniture is progressing satisfactorily, and the contractor will probably begin its installation in two weeks.

GENETICS.

4. The Genetics Building is under roof and all materials necessary for its completion are on hand, so that it should be ready for use in about a month.

CATTLE FEEDING PLANT.

5. The first two silos of this plant are now completed, which is all the work in connection with this building that was planned for this autumn.

WOMEN'S RESIDENCE HALL.

6. The plans for the Women's Residence Hall have already been approved by the board, and are being rapidly put into shape for calling for bids. Some slight changes have been made, so that the plan now conforms to the lot dimensions permitting the building to be set back forty feet from the street line, and still keep the rear wall on the south property line. Request is made for authority to receive

bids on the Women's Residence Hall at the earliest possible date at which the plans can be completed. It is believed that contractors can be found who will be willing to start this building early in the spring and wait until the 1st of July for their first payment.

On motion of Miss Watson, this recommendation was approved and the Supervising Architect was authorized to receive bids for the construction of the Women's Residence Hall at the earliest practicable time.

EDUCATION.

7. A revised design for the School of Education Building is herewith submitted for approval. The plan is practically the same as the one formerly approved, but it is expanded a little in size to give more roomy corridors and an increased glass area. The design is a simple attempt to group the large window areas and still leave piers which are sufficiently substantial to support the floors and roof. The glass area now provided is one-fourth of the floor area, which is the maximum requirement in the case of school buildings. In most designs it is not possible to obtain over one-fifth and in a number of the rooms in the former plan even so much was not possible. This design is more economical than the former one, but because of the increase in size of the building it will not cost any less and may cost a little more, if present indications with reference to the rise in the price of materials prove true. The floor area has been increased about one-eighth.

On motion of Mr. Carr, the Supervising Architect was requested to present other designs for the exterior of the School of Education Building, and he was authorized to secure the assistance of a firm of competent architects in preparing the new plans. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

NATURAL HISTORY.

8. Plans are herewith submitted for the completion of the Natural History Building. The space in this addition through the first three floors is to be assigned to the Department of Botany, the upper floor being used as an addition to the present Museum. These plans present a full solution of the problem, and meet with the approval of the departments concerned. The actual working drawings have not been begun, but if the design can be approved, work upon them can be carried on immediately. The building is to be absolutely fire-proof which is very necessary because it is the connecting link between the old building, which is of the ordinary type, and the south building, which has a nonfire-proof roof. No outside entrances seem to be necessary in the addition, because all people coming into the building from the east must come via either Green or Illinois Streets, and the present entrances are entirely convenient and adequate for these approaches.

On motion of Mr. Carr, these plans were approved and the Supervising Architect was authorized to proceed with the elaboration of working drawings, so as to be prepared to call for bids as soon as the funds are available.

GALLERY IN GYMNASIUM ANNEX.

9. Plans have been prepared for a gallery in the Gymnasium Annex (the old Armory) which will extend out into the room eleven feet on all four sides, and be supported on a row of steel columns or girders under the front edge. It will be high enough to permit the use of the present portable bleachers, and therefore will give a seating capacity of some four thousand people around a basketball court. Separate exits directly to the outside will have to be provided at the east and west ends and at the north side. According to a statement from Mr. George A. Huff, the Athletic Association is willing to pay the entire expense of constructing the balcony.

On motion of Mrs. Evans, these plans were approved and the Supervising Architect was authorized to proceed with the construction of the balcony; the Athletic Association to pay all expenses of construction.

STORAGE FOR BATTERY F EQUIPMENT.

10. Maj. Webster has submitted a plan for the building of an enclosure in the southwest corner of the Armory which will be divided by walls and covered over with a ceiling to provide separate rooms for the temporary storage of the different kinds of equipment for Battery F. The floor area covered will be 880 feet, and the partitions will be ten feet high. The cost of the enclosure will be about one thousand dollars, and the racks for the equipment, aside from the lockers, which it is understood are to be furnished by the Adjutant General of the State, will be about eight hundred dollars.

On motion of Mr. Carr, this plan was approved, and the sum of \$1,800 was appropriated for this purpose, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

11. A general plan has been approved by the board to construct a Horticulture Building on the site of the new fields assigned to horticulture east of Lincoln Avenue. If arrangements can be made without inconveniencing the Department of Horticulture, it seems likely that the present Horticulture Building east of the Armory might very properly be used as a building to store the equipment of

Battery F, to stable the horses, and to provide headquarters for the battery, if this building will be accepted by the Military Department of the State.

On motion of Mr. Hoit, the President of the University was authorized to utilize the present Horticulture Building for such purposes if satisfactory arrangements can be made for the interests now housed in it.

CHANGES IN DENTAL BUILDING.

(27) The following statement:

Owing to the unexpected increase in attendance in the freshman classes of the Colleges of Medicine and Dentistry, it will be necessary to make some additional provision for the Department of Anatomy. It is recommended that a suitable freight elevator be constructed in the Dental Building, and that a room for the storage of the cadavers be constructed in the basement of the building, and that some additional improvements be made in the dissecting room.

On motion of Mrs. Henrotin, this recommendation was approved and the sum of twenty-five hundred dollars, or so much thereof as may be necessary, was assigned for this purpose from the sum appropriated for the Colleges of Medicine and Dentistry.

DEPOSIT OF FREIGHT LOCOMOTIVE.

(28) The following letter from Dean W. F. M. Goss in regard to the deposit of a locomotive by the Illinois Central Railroad Company:

December 13, 1915.

President Edmund J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: As a result of conferences between Mr. W. L. Park, Vice President of the Illinois Central Railroad Company, and Prof. Edward C. Schmidt of our Department of Railway Engineering, there has been deposited with the University of Illinois by the Illinois Central Railroad Company for such use as the University may care to make of it, a Mogul freight locomotive designated in the records of the railroad company as of the 401 class. The engine was selected from among those in service on the road, has since been put through their shops in order that it might reach our laboratory in first-class condition, and has now been received at the laboratory.

It is our purpose to have this locomotive serve in the routine work of the laboratory during intervals when for various reasons a modern engine may not be immediately available.

You will, I know, appreciate the fine spirit of cooperation which has been shown by Mr. Park in this matter.

Respectfully submitted,

W. F. M. Goss.

On motion of Mr. Carr, this was accepted and the thanks of the board were extended to Prof. Goss and Prof. Schmidt for their successful negotiations in this matter, and to Mr. W. L. Park, Vice President of the Illinois Central Railroad Company, and the other officials of the Illinois Central, for their action in this matter.

COMMITTEE ON EXTENSION OF THE COLLEGE OF ENGINEERING.

(29) A recommendation that the President of the University be authorized to appoint a committee to work out a general plan for the plant extension of the College of Engineering.

On motion of Mrs. Evans, this recommendation was concurred in.

COMMISSION ON CAMPUS PLANS.

(30) The following statement:

It seems very desirable that the board should make provision for a more systematic and thoro consideration of the Campus plans of the University. The board authorized the creation of a commission some time ago, of which Mr. Burnham was Chairman, and Messrs. Blackall, Zimmerman, and White were the other members. Mr. Burnham has since died, and Mr. Zimmerman has given place to Mr. Dibelka, the State Architect. The commission, therefore, has practically come to an end.

There are three general plans which may be followed in a comprehensive policy relating to this matter:

1. A commission of eminent architects may be appointed to consider such plans as may be referred to them by the Supervising Architect, or the State Architect, or others who might be interested, similar to the Burnham commission mentioned above.

2. A firm of competent architects may be employed to work out such plans, to be submitted to the Board of Trustees for their consideration.

3. A competition may be instituted, open to the architects of the world, for the most satisfactory plan.

All these plans have been followed by one or another of our American universities. The most successful one of the third type was that inaugurated by the University of California at a cost of two hundred and fifty thousand dollars, which sum was provided by a gift of Mrs. Hearst.

I think it is very desirable that the board should give early attention to this important matter. We must go ahead with our building. We cannot otherwise take care of the students who come to the University. On the other hand, there is at present no well defined plan which has been approved by the Board of Trustees for

insuring the best architectural and artistic results from the expenditure of the considerable sum of money which will go into buildings in the next generation.

No action was taken in this matter.

APPOINTMENTS TO FILL VACANCIES.

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

Banks, M. F., Assistant in General Engineering Drawing, at a salary of eighty dollars (\$80) a month, beginning November 1, 1915, and continuing until June 30, 1916. (October 22, 1915.)*

Barnes, Mary G., Assistant in the Seminar Libraries in Lincoln Hall, at a salary of sixty-five dollars (\$65) a month, beginning November 1, 1915, and continuing until August 31, 1916, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Bartling, C. H., Instructor in Medicine, for the academic year 1915-16, without salary. (October 21, 1915.)

Beyer, O. S., First Assistant in Railway Engineering in the Engineering Experiment Station, with salary at the rate of one hundred sixty-six and two-thirds dollars (\$166.66 2/3) a month, beginning when he reports for duty and continuing until August 31, 1916. (November 30, 1915.)

Bies, V. A., Clinical Assistant in Neurology in the Dispensary, for the academic year 1915-16, without salary. (November 24, 1915.)

Boyd, Emma, General Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning October 4, 1915, and continuing until August 4, 1916, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Coogan, Jane, Stenographer in the Department of Botany, at a salary of fifty dollars (\$50) a month, beginning October 25, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 10, 1915.)

Cordell, Della G., Binding Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 17, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Crawford, R. A., Instructor in Medicine for the academic year 1915-16, without salary. (October 21, 1915.)

Day, Nelle, Stenographer in the State Water Survey, at a salary of fifty dollars (\$50) a month, beginning November 10, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 22, 1915.)

Deveneau, G. A., Library Assistant in Agriculture, at a salary of eighty-three and one-third dollars (\$83.33 1/3) a month, beginning November 26, 1915, or as soon as he may report for duty, and continuing until August 31, 1916, subject to the rules of the Civil Service Commission. (November 26, 1915.)

Devine, Jeanette, Stenographer in the Registrar's Office, at a salary of fifty dollars (\$50) a month, beginning November 8, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 13, 1915.)

Doyle, Katherine, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 20, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Ellis, C. C., Clinical Assistant in Neurology, for the academic year 1915-16, without salary. (October 26, 1915.)

Featherston, J. E., Student Assistant in Pharmacology and Therapeutics, to give three hours service a week during the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (November 11, 1915.)

Fischer, Clement, Instructor in Surgery in the Dispensary, for the academic year 1915-16, without salary. (October 19, 1915.)

French, Bertram, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 17, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Geiger, C. F., Assistant in Ceramic Engineering, on one-half time, at a salary of forty dollars (\$40) a month, beginning when he reports for duty and continuing until June 30, 1916. (November 10, 1915.)

Gift, L. H., Assistant Chief of the Division of Military Information, at a salary of four dollars (\$4) a month, for eight months, beginning October 1, 1915. (October 20, 1915.)

Hammitt, Susan, Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, at a salary of fifty dollars (\$50) a month, beginning September 22, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Hengstenberg, P. M., Technician in the College of Medicine, for nine months beginning October 1, 1915, at a salary of seventy-five dollars (\$75) a month. (October 22, 1915.)

Hughes, Mary, Library Clerk in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 26, 1915.)

Hyatt, E. G., Laborer in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning October 1, 1915, and continuing until further notice, but in no case beyond June 30, 1916, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Lamkins, L. E., Chief of the Division of Military Information, for eight months beginning October 1, 1915, at a salary of ten dollars (\$10) a month. (October 20, 1915.)

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

Lewis, J. T., Assistant Chief of the Division of Military Information, for eight months beginning October 1, 1915, at a salary of four dollars (\$4) a month. (October 20, 1915.)

Lichtenberger, Cleo, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 20, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Loewe, G. M., Clinical Assistant in Genito-Urinary Surgery in the Dispensary, for the academic year 1915-16, without salary. (October 22, 1915.)

Martin, L. W., Student Assistant in Pharmacology and Therapeutics, to render three hours' service a week for the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (October 28, 1915.)

Meachum, Leola B., Typist in the Department of Dairy Husbandry and in the Office of the Dean of the College of Agriculture, at a salary of forty-five dollars (\$45) a month, beginning November 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 3, 1915.)

Messer, Florence, Typist in the Department of Pharmacology in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning October 11, 1915, and continuing until further notice, but in no case more than eight months, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Mickle, F. L., Assistant Chemist in the State Water Survey, at a salary of seventy dollars (\$70) a month, beginning December 1, 1915, and continuing until further notice. (November 26, 1915.)

O'Neil, J. P., Clinical Assistant in Genito-Urinary Surgery in the Dispensary, for the academic year 1915-16, without salary. (October 26, 1915.)

Outland, L. C., Laborer in the Department of Chemistry in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning November 1, 1915, and continuing until further notice, but in no case later than June 30, 1916, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Parlecyzk, Joseph, Technician in Experimental Medicine, at a salary of forty-five dollars (\$45) a month, beginning November 24, 1915, and continuing until June 30, 1916, subject to giving continued satisfaction to the University authorities. (November 23, 1915.)

Peterson, Miss F. W., Typist in the Department of Chemistry in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning October 12, 1915, and continuing until further notice, but in no case longer than eight months, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Rang, C. K., Clerk in the Moot Court of the College of Law, for the academic year 1915-16, at a salary of fifty dollars (\$50) a semester. (October 22, 1915.)

Short, R. D., Student Assistant in Pharmacology and Therapeutics, to render three hours' service a week for the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (October 28, 1915.)

Sparks, Marian, Library Assistant in Chemistry, at a salary of seventy dollars (\$70) a month, beginning December 1, 1915, and continuing until further notice, but in no case beyond August 31, 1916, subject to the rules of the Civil Service Commission. (November 26, 1915.)

Stites, Katherine, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 17, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Stolfa, Ladislav, Student Assistant in Pharmacology and Therapeutics, to render three hours' service a week for the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (October 28, 1915.)

Sutter, Rose J., Clinical Assistant in Ophthalmology in the Dispensary, for the academic year 1915-16, without salary. (October 21, 1915.)

Taylor, S. C., Assistant in Chemistry, for eight and one-half months beginning October 16, 1915, at a salary of eighty dollars (\$80) a month. (October 19, 1915.)

Theobald, W. H., Instructor in Laryngology, Rhinology, and Otology in the Dispensary, for the academic year 1915-16, without salary. (November 24, 1915.)

Vanderbeek, H. J., Labor Assistant in the Department of Mining Engineering, at a salary of seventy-five dollars (\$75) a month, beginning October 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Watkins, Rachel, Assistant in Neurology, for the academic year 1915-16, without salary. (October 12, 1915.)

Welch, P. B., Instructor in Medicine, for the academic year 1915-16, without salary. (October 21, 1915.)

Ziegler, Maurice, Bookkeeper in the Business Office, at a salary of seventy-five dollars (\$75) a month, beginning November 19, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 23, 1915.)

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*