

## MEETING OF JUNE 11, 1895.

The Board of Trustees of the University of Illinois met in the University parlor, Urbana, Illinois, at 3 o'clock p. m., Tuesday, June 11, 1895.

The members present were Messrs. Armstrong, Bullard, Graham, McLean, Morgan Morrison, and Raymond, and Mrs. Smith and Mrs. Flower; those absent were Governor Altgeld, Messrs. Inglis and Judy.

The minutes of the last meeting were approved as presented by the Secretary.

Mr. Graham suggested that in recording the minutes it be stated, after the list of committees on page 74, that the last named committee, that on Students' Welfare, was a new committee.

The President presented his report.

## PRESIDENT'S REPORT.

URBANA, ILLINOIS, June 11, 1895.

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

GENTLEMEN: The Faculty of the University respectfully recommends that you give authority to confer first degrees as follows:

## DEGREES.

## COLLEGE OF LITERATURE AND ARTS. Degree of Bachelor of Arts.

Joel Edward Ferris,  
Parker Hale Hoag,

Bertha Marion Pillsbury,  
Marion Emeline Sparks.

## COLLEGE OF LITERATURE AND ARTS. Degree of Bachelor of Literature.

Robert Allen Bower,  
George Henry Campbell,  
Sherman Duffy,  
Marianna Green,  
Francis Edward King,  
Edward Loring Mann,

William Ira Roysdon,  
Daisy Coffin Scott,  
William John Scott,  
Henry Harrison Scurlock,  
Bertha Spencer,  
Marion Thompson.

## COLLEGE OF ENGINEERING. Degree of Bachelor of Science.

*Course in Architecture.*

Herbert Clarke Arms,  
William Thomas Burrill,  
Alexander Donnan,  
Alfred Fellheimer,  
Frederick Blair Keeler,  
Edward John Lake,

Albert Milton Long,  
Fred Elbert Mather,  
William Robert Morrison,  
Charles William Noble,  
Arthur Low Pillsbury,  
Thomas Washington Reely,  
Joseph William Royer.

*Course in Architectural Engineering.*

William Henry Dillon,

Stephen Ford Holtzman,  
Homer Thomas.

*Course in Civil Engineering.*

Harry William Baum,  
Charles Worth Beach,  
William Guthrie Boon,  
Ray Shepherd Carberry,  
Milo Smith Ketchum,  
William Clarence Smith Lemen,

Robbins Yale Maxon,  
Alexander Majors Munn,  
John Conrad Quade,  
Harley Edson Reeves,  
Charles Victor Seastone,  
John Eaton Shepardson,  
Godfrey Sperling.

*Course in Electrical Engineering.*

Earl Vanhise Capps,  
Jesse Grant Funston,  
Ernest Alexander Hunt,  
Peter Junkersfeld,

William Haven Kimball,  
Walter Noble Vance,  
Charles Carlton Webster,  
Parker Merrill Williams.

*Course in Mechanical Engineering.*

Charles Barry,  
Fred Albert Beebe,  
Frank Lyman Busey,  
Clyde Robert Carnack,

James Albert Green,  
Elmer Kirkpatrick Hiles,  
David Rossiter Llewellyn,  
Albert Jefferson Sayers.

*Course in Municipal and Sanitary Engineering.*

Charles Baker Burdick,

Clarence Adelbert Clement.

## COLLEGE OF SCIENCE. Degree of Bachelor of Science.

*Course in Chemistry.*

John DeWitt Clinton,  
Armin Harms,

James Albert Kinhead (Class of 1893),  
Herbert Brunskill Rowe,  
Robert Watt Stark.

*Course in Natural Science.*

Hortense Call,  
Adolph Hempel,  
Horatio Richmond Marsh,

Grace Lillian Moore,  
Mabel Stewart,  
William Kriebel Yeakel.

The following named graduates of former classes, having pursued the studies required therefor, are recommended by the Faculty for the second degrees designated:

Keturah Elizabeth Sim, B. L.....	Class of 1884.....	Degree of Master of Literature...
William David Pence, B. S.....	" 1886.....	Degree of Civil Engineer.....
Anna Shattuck Palmer, B. L.....	" 1891.....	Degree of Master of Literature...
Andrew Wallace Gates, B. S.....	" 1892.....	Degree of Civil Engineer.....
George Washington Seaman, B. S.....	" 1893.....	Degree of Mechanical Engineer...
Charles Frederick Hottes, B. S.....	" 1894.....	Degree of Master of Science.....
Grant Clark Miller, B. S.....	" 1894.....	Degree of Master of Architecture...
Robert Alvin Wood, B. S.....	" 1894.....	Degree of Mechanical Engineer...
Ola C Woolsey, B. L.....	" 1894.....	Degree of Master of Literature...

The University not having had authority to grant degrees before July 1, 1877, the Faculty recommends that degrees be conferred as follows upon persons graduated prior to that date:

## CLASS OF 1872.

Henry A. Drewry, B. S. Jacob Norton Wharton, B. S.,	Reuben O. Wood, B. S.
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## CLASS OF 1873.

Edgar L. Hill, B. S.	Samuel Houston Hook, B. L.
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## CLASS OF 1874.

Herbert Eaton, B. S. Gregory Gabrielial, B. S.	William Watts, B. S. Walter Ward Wharry, B. S.
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## CLASS OF 1875.

D. Elroy Barnard, B. S. Vantile William Coddington, B. S. Franklin P. Dobson, B. S. Burleigh Arthur Dunlap, B. S. Earnest Eaton, B. S. George N. Gridley, B. S. John Charles McCauley, B. L. James H. Parks, B. S. Emory Edward Patch, B. S.	William Clarence Pollock, B. S. Hector Hilgard Tyndale, B. L. Laura Morris Anderson, B. L. (Mrs. J. R. Greenhalgh) Israella Kate Kariher, B. L. (Mrs. Albert Eisner) Flora Lorena Kellogg, B. L. (Mrs. Hudson)
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## CLASS OF 1876.

Edward Lull Ballou, B. S. William B. Chandler, B. S. James Frederic Drake, B. L. John D. Gill, B. L. Simeon T. Gore, B. S. Charles E. Gregory, B. L. Daniel S. Mackay, B. L. William A. Mackay, B. L.	Frank I. Mann, B. L. William F. Oliver, B. L. Frank M. Palmer, B. L. James Frederic Rhodes, B. L. Charles Weston, B. L. Thomas Thatcher Williams, B. L. Mattie Gray Holton, B. L. (Mrs. J. H. Krebs)
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## CLASS OF 1877.

Charles H. Barry, B. S.	Franklin Spence, B. S.
Charles Brush, B. S.	John M. Stayman, B. S.
William Buckingham, B. S.	Myron Jerome Wright, B. S.
Luther G. Clay, B. S.	Nettie Adams, B. L. (Mrs. W. B. Wilson)
Benjamin F. Crow, B. S.	Eva Bogardus, B. L. (Mrs. T. L. Price)
Richard D. Faulkner, B. L.	Ida Belle Falls, B. L.
Charles B. Gibson, B. S.	Emily C. Maxwell, B. L.
Hiram Gilkerson, B. S.	Martha Page, B. L.
John Gilkerson, B. S.	(Mrs. M. E. Whithan)
Allen G. Kennedy, B. S.	Emma Clarinda Piatt, B. L.
Edward V. Lewis, B. S.	(Mrs. J. C. Llewellyn)
Joseph Corson Llewellyn, M. S.	Velma Elethea Skinner, B. L.
John Fremont Moore, B. S.	(Mrs. Velma Skinner-Ward)
George Clark Rice, B. L.	Gertrude Switzer, B. L.
John James Seymour, B. S.	(Mrs. H. Peddicord)
Color L. Sim, B. S.	

## PROGRESS DURING THE YEAR.

A comparison of the catalogues shows an increase in numbers, of the corps of instructions, as follows: 1893-4, 63; 1894-5, 75.

The increase in total attendance is from 743 to 815. The increase in the University proper is from 552 to 609.

The following report of the work of the University, made by the committee of the senate appointed to visit state educational institutions, is submitted for your information:

## REPORT OF SENATE COMMITTEE TO VISIT STATE EDUCATIONAL INSTITUTIONS.

SPRINGFIELD, ILL., May 14, 1895.

*The Hon. Joseph B. Gill, President of the Senate and Gentlemen of the Senate.*

Your committee, by appointment of the senate to visit educational institutions, beg leave to report that, in the discharge of their duty, they have visited the University of Illinois, and beg leave to submit for your consideration the following:

The University of Illinois is situated at Urbana, Champaign county, Illinois, and opened its doors for students in 1868. From that time until the present, her growth has been gradual and her advance in the last few years has been more rapid than in any portion of her history, and the promise of future good is greater to-day than ever before.

The grounds of the University cover about seven hundred acres. A large part of this tract is beautifully laid out and is covered with magnificent shade trees. Upon the grounds are situated six principal buildings, viz.: University Hall, Machinery Hall, Chemical Laboratory, Natural History Hall, Military Hall, and the new Engineering Hall. In addition to those six buildings are a number of other small buildings for department uses by the University. In the University Hall are located the Art Gallery, Library, Museums of Natural History and of the Industrial Arts.

The University is divided into four colleges, viz.: Agriculture, Engineering, Science, and Literature and Arts. The work of the College of Agriculture is practical as well as scientific and technical. It purposes to give students such instruction as will properly fit and prepare them to become practical and successful farmers. In connection with this department is also the Experiment Station, which furnishes abundant opportunity for the practical demonstrations and experiments. We believe that this department alone is of great value to the State, and its aid in the advancement of agriculture, its thorough preparation of young men for this most important of all interests in this State, is worth all that it costs the State of Illinois to maintain the University. One of the needs of to-day among the great agricultural interests is more information, and this department furnishes it and is meeting a long felt want, and we believe will largely assist in bringing the farmers of Illinois up to that high standard of success that their profession so well deserves.

The College of Engineering comprises five departments, the Architectural Civil, Electrical, Mechanical, and Sanitary. In all of these departments there is great opportunity offered to the young man or young woman desiring a practical education, which alone furnishes that power so necessary to success. In all of these departments the young man and young woman have day by day practical experience in the distinctive lines in which they are engaged, thus not only furnishing them the theory in these several departments, but giving them a practical knowledge, which fits them much better to cope readily with competition when they go out into the active duties of life to maintain themselves. In addition to this, the physical labor required in these departments in the presence of the students, gives to manual labor a standing and a dignity that is worth a great deal to every young man and young woman.

The University is prepared to furnish and is furnishing to our young people a fine literary education, and, at the same time, fitting and preparing them to take a place at once as practical men and women in all of these departments of life, and it is with pleasure that your committee notes the enthusiasm and earnestness with which the teachers in all of these several departments engage in their work, and the interest and enthusiasm manifested by the students of the institution is also noticeable.

The Zoölogical Museum of the University possesses a large collection of valuable specimens which cannot be replaced by almost any amount of money. The same may be said of the Botanical and Geological Museums. The Agricultural Museum is also rich in specimens. The Museum of Industrial Arts contains a large collection of the raw materials of industry. The Art Gallery contains a large number of full size casts of celebrated statues, and a large number of other valuable works of art.

The library contains about 28,000 volumes, which together with the libraries of the Agricultural Experiment Station and the State Laboratory of Natural History, make over 35,000 volumes accessible to the students.

Your committee desire to call special attention to the fact that the valuable collections in all these museums, together with the library, are located, of necessity, in University Hall, which is the oldest building on the grounds, built without much reference to protection from fire; and your committee believe that there should be built upon the University grounds, a building of sufficient size and made as near as possible fire-proof, in which the library can be placed and which should be known as the Library Building, and also in which the collections of all these museums could be put and there safely kept; and your committee believe that this building should be furnished by the state at once. The building in which they are now located is in such a condition, that, if a fire was to break out, it would be impossible to preserve or save these valuable collections, and if they were destroyed they could not be replaced probably for a quarter of a century, if ever. We desire to call attention to another fact, that the chapel and a great many class rooms are located in this same building, and that there are at times from four to six hundred students probably reciting in that building and there is but one stairway leading from the fourth story in which are the society halls, and that in case of fire it would be almost impossible for the students to get out safely.

Your committee also call attention to the fact that the machinery in Machinery Hall is on the second floor of that building, and they are also informed, and from their investigation believe, that this building was not constructed with the idea of having such an amount of heavy machinery on the second floor, and that the machinery in said building on said second floor, together with the number of students that are at work with the machinery at times, is too heavy a strain upon the floor of said building. Your committee believe that a building should be furnished so that this machinery can be placed on a ground floor.

Your committee also note that the power house to furnish heat is so situated and in such a condition that it would appear to be impossible properly to heat the buildings. The electrical plant is also in a building where there are other departments. Your committee believe that all of the heating apparatus, and

the electrical plant should be consolidated in one building, so that in case of fire or explosion, there would be no danger to other buildings or to the lives of the students.

Your committee find that there is no sufficient gymnasium room for either the gentlemen or the ladies. The young men are permitted to use part of the Military Hall for that purpose, and the ladies are substantially without accommodations of this kind. We believe that there ought to be provided at the earliest possible date a good gymnasium, especially for the young ladies, together with bath rooms for all of the students.

While your committee believe that the very best work possible under all the circumstances is being done at the University, yet your committee believe that there are many things that should be added to the University to make its work complete and to make it rank with other universities in states not near so large or so able as our own. Therefore, your committee beg leave to make the following recommendations:

1st. They believe that the appearance of the grounds and the landscape view of the same could and would be materially improved if the trees on the grounds were trimmed to that height that you could see over the entire grounds from any part thereof.

2d. We believe there is a necessity for more room for the accommodation of the students as an assembly room, and also recitation rooms.

3d. We believe the old street railway track should be taken out of the grounds where it now is and that that street should be properly paved and that some old fences along the side of that street should also be removed.

4th. That a new building should be provided in which to place the library and all of the specimens in the several museums. That said building should be large enough to anticipate the future wants of the University.

5th. That every encouragement should be given to all of the experimental work done in the University, as your committee believe that it peculiarly fits young men and women for their special vocations in life. We believe that it is better to do such work in the presence of the students and have them do it while yet in school, than it is to theorize and talk about it in the class room.

6th. We believe also that every encouragement should be given to the University in extending its work in the agricultural department. That it should be furnished with all the facilities for carrying on a scientific examination and experiments relating to all of the industries of the state.

7th. We heartily approve of the system of allowing students the free choice of studies, thus enabling each student within certain lines to take such work as suits his or her tastes and business, and prepares them for their particular work in life.

In conclusion your committee believe that the foundations have been well laid for a great university, and that the people of this state should take sufficient pride in their University and assist it in every way possible to build upon this foundation, until it shall be a peer to any other institution in the United States and recognize no superior.

We believe that Illinois is entitled to a University to which her people will gladly lend their aid in every way, so as to make it a University that will send out into the world her sons and daughters strong physically, mentally, and morally, to meet and overcome successfully all obstacles in their pathway to success.

Your committee take great pleasure in most heartily recommending to this state and to the People of the State of Illinois, the work of Dr. Andrew S. Draper, the present President of the University, and congratulate all of the people upon his selection to this position. In him we believe the University has a man worthy and well qualified to carry on this great work of education.

His ripe experience and mature judgment in the management of the University will insure its success if the people give him that hearty support that he and the cause he so ably represents merit.

Most respectfully submitted,

ORVILLE F. BERRY,  
GEORGE D. ANTHONY,  
C. PORTER JOHNSON,

*Committee to Visit State Educational Institutions.*

The following report from the Inspecting Officer to the Inspector General of the United States Army, will show a very gratifying improvement in the military department:

MILITARY DEPARTMENT.

SPRINGFIELD, ILL., May 20, 1895.

*The Inspector General, United States Army.*

SIR: I have the honor to submit the following report of an inspection of the Military Department of the University of Illinois:

The Military Professor, Captain D. A. Brush, 17th Infantry, is a progressive and energetic officer of much experience. The result of his year's work proves him well fitted for the position.

The authorities are convinced of the good effect of military instruction on the students, support it by marked consideration in class standing, and uphold the Military Professor in the enforcement of discipline.

A rifle range, one of the best armories and drill halls in the State, ground adequate for close order drill, and such expenditures as are necessary, afford material support.

The corps is organized into a battalion of four companies, and band officers are uniformed as in the State service; band in dark blue blouse, trousers, and forage cap; all others wear a similar uniform of cadet gray. All were in uniform. The average age of the cadets is twenty years.

The review was followed by an inspection and battalion drill. All movements were executed with snap and precision. Officers seemed thoroughly conversant with their duties.

Of the total number of cadets (239), 13 were absent, 3 with and 10 without leave.

Arms and equipment are cared for by a janitor. The arms were in good condition; the leather parts of the equipment were scratched. The setup of the cadets and their steadiness during the exercises showed thorough instruction in the school of the soldier. The marching in line and column was excellent. The old guns being obsolete and the 3.2 in. rifles expected, no instruction has been given in the manual of the field piece. Flagging of messages by the signal squad was well done. Some instruction in target practice is given. Theoretical instruction is given in drill regulations and organization and tactics. Wagner's "Security and Information," and "Organization and Tactics" are the text books used. Lectures illustrative of the course of study are given by the instructor. All government property was serviceable and in good condition. The cadets' rifles are new.

The graduating class showed, by their answers, intelligent and practical application of the theoretical knowledge given.

The Military Department is in a healthy and growing condition. The benefits evidenced amply justify its continuance.

Woven cartridge belts should replace the leather waist belts. They are less expensive, more durable, more useful, and easily cared for.

Pieces lighter and more easily handled by cadets than the 3.2 in. rifles should be supplied for artillery instruction.

A cadet rifle of the magazine pattern should replace the obsolete ones now in use.

The drill ground is rather small for extended order drill. The lack of time and space for this and practical instruction in minor tactics, is a drawback not peculiar to this, but common to most colleges. To overcome it a summer encampment of the cadets of colleges in the same state is a desirable but hardly attainable goal.

Very respectfully, your obedient servant,

DAVID J. BAKER, JR.,  
1st Lieutenant 15th Infantry.

#### CATALOGUE AND ADVERTISING.

I respectfully recommend the appropriation of \$2,000 for the publication of the next annual catalogue and for other publications calculated to bring the University to the knowledge of the people of the state.

#### LECTURES.

I respectfully recommend the appropriation of the sum of \$1,000.00 for the purpose of meeting the expenses of a course of lectures upon special topics of interest in the work of the University, by persons of well known prominence in similar work elsewhere, such lectures to be delivered at the chapel of the University and to be free.

#### CURRENT UNIVERSITY PUBLICATIONS.

For several years the Board of Trustees has appropriated \$500.00 to assist in defraying the expenses of the *Illini*, a students' publication which has been sent to all the high schools of the state. This publication has reflected much credit upon the student body during the last year. In appearance it has ranked with any similar publication in the country. It has been partially devoted to the publication of papers of permanent educational value, prepared by members of the Faculty or by students, but more largely to items of University news and information. In the management of the *Illini* the University authorities have intentionally absolved themselves from responsibility. As far as we have been disposed to go in that direction has been to make sure that nothing was introduced into its columns which was calculated to reflect upon any University interest. It seems to me the time has come when we may advantageously change the University policy in this regard. To that end I recommend the appropriation of \$300.00 to the management of the *Illini*, upon condition that a copy of the paper be sent to each of the high schools of the state upon a list furnished from the Registrar's office, and not exceeding 400 in number. In view of a second recommendation which I shall make in this connection, I think it would be specially advantageous to the *Illini* if it should be published in less expensive form and should only attempt to cover fields of current University news.

I also recommend that the University begin with the fall term the publication of a magazine to be devoted almost exclusively to papers of permanent educational value prepared by persons connected with the University, and that the sum of \$800.00 be set apart for defraying the expenses of the same. During the last year we have had a considerable number of papers which were well deserving of publication and which have not found their way into print for lack of provision for the same. I feel confident that a publication of this character would not only stimulate all the departments of this University, but would reflect credit upon us abroad.

#### UNIVERSITY MILITARY BAND.

I have found continual annoyance during the year from the fact that members of the senior and junior classes, who had rendered service in the battalion during their freshman and sophomore years, and who were no longer



subject to military duty, objected to service in the band, although their services were highly necessary to its efficiency. It is needless to say that the military band is a very important element in our University life. I can readily see, moreover, that it is quite a tax upon students and that there is considerable ground for the feeling on their part that they should be excused from band service when they are no longer subject to military duty. I am informed that it would be satisfactory to a number of students of this class to continue their service in the band if their term fees were returned, and I therefore recommend that the term fees be hereafter returned to such students as may be approved by the professor of military science, who, though no longer subject to military duty, shall continue their service in the band, upon condition that they sign an agreement to be obedient to all orders of the constituted authorities of the University touching the military band, and that they remain in such service throughout the year up to and including the day of the annual commencement.

#### CORPS OF INSTRUCTION.

The time has come, it seems to me, when it is imperatively necessary for the Board of Trustees to take action defining the proper classification of the members of the instructional force, and prescribing the duties and prerogatives of the several classes. There has been no friction in the force during the year and we have no reason to anticipate any, but I think it would be a relief to all of the members if their prerogatives and duties were defined by action of the Board of Trustees.

Some changes are imminent in the force. Professor James Dowden Bruner has tendered his resignation. Miss Elizabeth Cutting Cooley (now Mrs. Bruner) has likewise tendered her resignation. Professor William J. Eckoff has tendered his resignation of the position of professor of pedagogy. These several resignations are herewith transmitted. Professor Edward Snyder, absent during the year on leave, and Assistant Professor James McLaren White, also absent during the year on leave, have indicated their readiness to resume work at the beginning of the next University year.

For the position of professor of pedagogy I respectfully recommend the appointment of Mr. Arnold Tompkins.

For the position in the department of Romance languages, made vacant by the resignation of Professor Bruner, I recommend the appointment of Mr. George D. Fairfield, with the title of Assistant Professor of Romance Languages.

I recommend the establishment of a department of Political Science, and the appointment thereto of Mr. Charles W. Tooke, with the title of Assistant Professor of Political Science.

I recommend the establishment of a department of Mediaeval History and recommend the appointment thereto of Mr. Frank Zinkeisen, with the title of Assistant Professor of History.

For the position of Director of Physical Culture I recommend the appointment of Mr. Henry H. Everett.

For the position of Director of Physical Culture for Women I recommend the appointment of Miss Ella H. Morrison.

I also recommend the appointment of Mr. George A. Huff as assistant director of the gymnasium and coach of the athletic teams. Mr. Huff will come to the service of the University for \$1,000.00 during the next year and the athletic teams are willing to defray one-half of the expense involved. The department of physical culture and athletics has so developed as to make this step advisable, and I think we are fortunate in being able to secure the services of so good an assistant as Mr. Huff has shown himself to be.

At the last meeting of the Board I was, by resolution, directed to ascertain for what expense it would be possible to establish a department of music in the University, and have given considerable attention to the matter. As the result of my investigation I learn that it is possible to establish such a depart-

ment upon a very satisfactory basis at an expense which will not exceed \$1,500.00 or \$1,600.00 per annum, and which is likely to be very much less than that. I respectfully recommend the appointment of Mr. Walter Howe Jones as director of the department of music to be established.

I also recommend the appointment of an instructor in vocal music.

I also recommend the appointment of Mr. William L. Steele to a special musical scholarship in the University. Mr. Steele is now a student in the University in his junior year. A most worthy man, an excellent student with unusual ability, he has been of considerable assistance to us in a musical way during the last two years. During that time he has led the military band. While he is much interested in University music, he feels that he cannot devote so much time to the matter without injury to his regular work, and I do not think it ought to be expected. He is willing to take two years in which to perform the work required in his senior year, and devote half of his time to general University music, for a compensation of \$300.00 a year. I think it would be a unique compliment to him and an excellent arrangement for the University to bestow upon him a special musical scholarship of the value of \$300.00 a year for the next two years.

Taking the foregoing recommendations into consideration and also some other changes in the corps of instruction, of which it is not necessary to speak here in detail, I recommend that the corps of instruction with titles and salaries for the next year be determined as in the schedule submitted herewith.

This schedule is made without any reference to the advisability of action by the Board of Trustees covering the general change of salaries for members of the corps of instruction or any classes thereof, but it is made with some special reference to what I conceive to be the special claims of individuals.

Beyond all this I am constrained to say that I think the best interests of the University call for the establishment of a course of Domestic Science, but I have not been able to see my way clear for any particular recommendation upon that subject as yet.

#### REORGANIZATION OF THE SHOPS.

It seems to me that the situation in the mechanical shops is decidedly unfortunate. There is a lack of system, plan, and neatness in the shops. The men in charge of the shops have been selected, I fear, without sufficient reference to educational interests. The work of the shops will lack practical results unless it is closely allied to educational interests. I think a policy should be pursued which will bring intellectual development and manual skill into more intimate relationship. It seems to me, also, that there is an unfortunate association of commercial interests in our shop practice. The present arrangement is not only unfortunate educationally, but I think it is unfortunate from a business standpoint. I am constrained to believe that it is costly to our educational work and far from economical for our business interests. I am unable to see why two wood shops should be maintained and think one of them should be abolished without delay, in the interest of good work as well as of economy of space and of instructors and foremen. Beyond all this it will be necessary to remove the heavy iron-working machinery placed upon the second floor of the mechanical building. It not only causes the building to vibrate, but leads to apprehension as to its safety. A special appropriation has just been made by the legislature to cover the expense of these changes, and, while we are making the changes which it seems to me are imperatively necessary, it seems to be a proper time to make changes which are desirable. I therefore recommend:

1. That a new shop one story high be erected on the east side of the avenue leading from University Hall to Military Hall directly south of the old railroad track, and that this shop run east and west with the head against the avenue.
2. That the iron-working machinery on the second floor of Machinery Hall be removed to this shop.

3. That the architectural wood shop be discontinued and the **machinery** and implements therein be moved to the second story of the present mechanical building, and that all the wood work in connection with the University be embraced within a single department to be carried on upon that floor.

4. That the parts of the mechanical engineering equipment now in the basement of the Chemical Laboratory be removed to Machinery Hall or to the new shop.

5. That a room be set apart in Machinery Hall for the use of the superintendent of building and grounds, who, it is hoped, will soon be appointed, to be used by him for carrying on carpentry, cabinet-making, or other work incidental to the needs of the construction and supply department of the University.

6. That the President divide the remaining space in Machinery Hall between the mechanical engineering department and the testing laboratory, according to their relative needs.

#### CARE OF BUILDINGS AND GROUNDS.

It seems clear to me that the time has come when it is necessary to establish a new department in aid of the proper administration of University affairs. I refer to a department having charge of University property. Nothing has caused me more annoyance during my service with the University than the very common neglect of University property which has been manifest. I do not mean to lay special censure upon any particular individual. The fact is that University buildings have been erected and grounds have been developed without any organization adequate to their care. One or two of the janitors seem to have had a fair conception of what good janitorial service is. The others are incapable of any such conception, and in my judgment, are altogether unfitted for the service which they are bound to render us. Buildings are not kept as clean and wholesome as they should be, and furnishings suffer severely because of continual neglect, or because what is done is done by persons who have no knowledge of what should be done and no adaptation to the service. Members of the corps of instruction and officers in administrative positions are continually put to serious annoyance because of the inefficiency of janitorial service.

Criticism may properly be made upon the care of the grounds also. The lawns have not been renewed where they have become run out. The trees need trimming higher up so that one can look across the campus when standing on the ground. When trees have been cut down the stumps have been left in the ground and always make an unsightly spot upon the lawn. Lawlessness is prevalent about University property to a degree which I never saw before, elsewhere, about public property. The people of the vicinage maraud upon our grounds and are impertinent when their depredations are resisted. All of the heavy stone-work for the cemetery at the south of the campus is drawn through the grounds, funeral processions frequently pass through the grounds, even military processions do this to the demoralization of University work. At the last Memorial Day exercises, by count, more than 7,000 persons passed through the grounds, paying no respect to lawns or shrubbery. Men rode their horses and drove their vehicles over the lawns and were displeased when the employes of the University endeavored to stop such proceedings. The daily labor which has been employed about the University has been very unsatisfactory for want of competent direction. I am constrained to say that sufficient money has been paid for this labor to have produced very appreciable results, but that such results have not been attained because of lack of organization and necessary direction. There has been a lack of responsibility and accountability about the matter.

From these remarks I desire especially to except Mr. A. B. Barker, who has for 20 years been in charge of University Hall and has always been as faithful and devoted as it is possible for a man to be. He has been a faithful servant of the University, entitled to the respect of its officers. His advancing years render it impracticable for him to carry on the service now required of him, but I trust that there may be a readjustment which will retain him for certain duties to which he is exceptionally adapted.

In view of the foregoing, I recommend the following:

1. That a Superintendent of Buildings and Grounds be appointed who shall have general charge of all janitors and other persons employed to perform labor in the care of buildings and grounds, and personal property about the University; that this officer be authorized to appoint all janitors and workmen necessary to be appointed, and that he also have authority to discharge any janitor or workman, in his department, for cause, at any time.
2. That Mr. A. B. Baker be relieved from service as janitor of University Hall, but that he be retained in the service of the University, and allowed the use of the rooms now occupied by him in the basement of University Hall, and required to show visitors about the University buildings and grounds, and perform such other light service as may be required of him by this office.
3. That the Superintendent of Buildings and Grounds have an office in University Hall, and have immediate charge of that building, and that no other janitor for that building be appointed.
4. That when a suitable force of janitors shall have been appointed, application be made to the authorities of the cities of Urbana and Champaign, to commission the members of said force as special policemen, to serve as such about the University buildings and grounds, and without any expense to said cities.
5. That the Superintendent of Buildings and Grounds be directed to prohibit any driving through the grounds, except by light pleasure carriages, to require all bicycles to keep off the walks and lawns, and to require all persons to keep off the lawns of the campus between the University buildings.

REQUESTS FOR OPERATING EXPENSES, AND EXTENSION OF APPARATUS AND EQUIPMENT.

The following requests have been made for funds for operating expenses and extension of apparatus and equipment for the University departments:

Oratorical contest.....	\$100 00
Art and design.....	359 00
Psychology laboratory.....	1,003 00
Architecture.....	2,183 00
Mechanical engineering.....	1,900 00
"                    ".....	2,000 00
"                    ".....	500 00
"                    ".....	400 00
"                    ".....	100 00
Steam heating.....	75 00
"                    ".....	200 00
"                    ".....	250 00
"                    ".....	200 00
"                    ".....	40 00
Civil engineering.....	1,870 00
Electrical engineering.....	10,000 00
Municipal and sanitary engineering.....	300 00
Theoretical and applied mechanics.....	5,350 00
Zoölogy.....	530 00
Chemistry.....	6,500 00
Applied chemistry.....	1,750 00
Geology.....	2,500 00
Physiology.....	2,735 00
Botany and horticulture.....	300 00
Agriculture.....	4,180 00
Total.....	\$45,325 00

The aggregate of these requests for extension of equipment is more than \$45,000.00. I am obliged to say, and I say it with regret, that I cannot escape the feeling that many of these requests are made without sufficient discriminating judgment about the necessity or the advisability of such expenditures. Some are made without indicating in what way or for what specific purpose it is proposed to expend the funds which have been appropriated. I think that the heads of departments are bound to exercise sound judgment as to what expenditures are really necessary to meet the needs of their departments, and I also think that they are bound to take into consideration the possibility of meeting the requests they make.

I respectfully recommend the following appropriations for the purpose of extending equipment and meeting the ordinary expenses of departments during the ensuing year:

Library .....	\$200 00
Art and design .....	250 00
Psychological laboratory .....	300 00
Steam heating .....	500 00
Zoölogy .....	500 00
Chemistry .....	500 00
Applied chemistry .....	500 00
Geology .....	800 00
Physiology .....	500 00
Botany and horticulture .....	300 00
Agriculture .....	2,000 00
Physical culture .....	600 00
School of music .....	250 00
Total .....	\$7,200 00

I also recommend that the sum of \$10,000.00 be appropriated the present year from specific appropriations made for the purpose, to be expended in extending the equipment of the College of Engineering, the same to be used in the several departments of the college in ways which shall be certified by the dean thereof as the most advisable.

I recommend that the specific appropriations made by the legislature, for addition to apparatus and appliances (\$3,000.00), materials for shop practice (\$1,500.00), increase of scientific cabinets and collections (\$1,000.00), completing the fitting and furnishing of Engineering Hall (\$5,000.00), improvement in the Chemical Laboratory (\$5,000.00), laboratory of vegetable physiology (\$2,000.00), equipment and materials for fire protection (\$2,000.00), building and equipment for work of Biological Experiment Station on the Illinois river (\$2,500.00), and operating expenses of said Station (\$1,500.00), paving streets and laying walks (\$9,300.00), be appropriated to the several purposes for which they have been made, upon the condition and understanding that no purchases of additional equipment shall be made and no agreements entered into, except upon a statement showing what it is desired to purchase, where it may be obtained, and at what probable cost, and, briefly, the reasons for the proposed expenditure, and not until this statement shall have the approval of the President as to the advisability of the purchase, and the approval of the Business Agent as to the reasonableness of the price to be paid.

It should also be distinctly understood that the appropriation of \$5,000.00 for improvement in the Chemical Laboratory must be in a large measure devoted to the work of surveying the waters of the state upon a comprehensive plan, pursuant to promises made to the legislature.

I present herewith the report of the Agricultural Experiment Station, and recommend that appropriations be made and authority to conduct experiments be granted in accordance therewith.

#### EXPERIMENT STATION REPORT.

URBANA, ILLINOIS, June 10, 1895.

*Dr. A. S. Draper, President of the University of Illinois,*

SIR: I beg leave to submit from the Board of Direction of the Agricultural Experiment Station the following:

*Paper A* is a list of warrants drawn, Nos. 172 to 265, inclusive, for the quarter ending March 31, 1895, and is accompanied with vouchers for the same for audit.

*Paper B* is a statement of expenditures for the quarter ending March 31, 1895.

*Paper C* is a statement of appropriations, expenditures, and balances for the quarter ending June 30, 1895.

*Paper D* is a statement of appropriations asked for the current quarter and for the next quarter.

## PAPER A—STATEMENT OF EXPENDITURES FOR QUARTER ENDING MARCH 31, 1895.

Board expense .....	\$29 83
Books and publications .....	31 44
Botanical apparatus .....	9 24
Bulletins .....	671 06
Chemical apparatus .....	75 33
Fertilizers .....	21 50
Fuel and lights .....	100 00
Incidentals .....	1 10
Printing, stationery, and postage .....	28 54
Salaries .....	1,820 00
Seeds and trees .....	39 26
Tools and supplies .....	249 97
Wages .....	768 07
Sundry—	
Wood durability experiment .....	58 41
Total .....	\$3,903 75

## PAPER C—STATEMENT OF APPROPRIATIONS, EXPENDITURES AND BALANCES QUARTER ENDING JUNE 30, 1895.

	Appropriated.	Expended.	Balances.
Board expense .....	\$40 00		\$40 00
Books and publications .....	50 00		50 00
Botanical apparatus .....	10 00		10 00
Bulletins .....	300 00	\$448 61	
Chemical apparatus .....	50 00	45 70	4 30
Fuel and lights .....	100 00		100 00
Incidentals .....	25 00		25 00
Printing, stationery, and postage .....	25 00		25 00
Salaries .....	1,960 90	1,106 65	853 35
Seeds and trees .....	30 00	23 37	6 63
Tools and supplies .....	200 00	54 87	145 13
Wages .....	1,250 00	600 85	649 15
Wood durability experiment .....	50 00		50 00
Total .....	\$4,090 00	\$2,280 05	\$1,958 56

## PAPER D—ESTIMATES.

*Quarter ending June 30, 1895.*

From farm fund—	
Dairy stock and fittings .....	\$50 00
Horses .....	250 00
Irrigation experiment .....	25 00
Milk wagon .....	142 50
Repairs on house .....	35 00
Wages .....	400 00
Total .....	\$902 50

*Quarter ending September 30, 1895.*

From general fund—	
Board expense .....	\$40 00
Books and publications .....	50 00
Botanical apparatus .....	60 00
Buildings and repairs .....	25 00
Bulletins .....	150 00
Chemical apparatus .....	275 00
Fuel and lights .....	60 00
Incidentals .....	25 00
Printing, stationery, and postage .....	25 00
Salaries .....	1,660 00
Seeds and trees .....	25 00
Tools and supplies .....	150 00
Wood durability experiment .....	50 00
Wages .....	1,250 00
Total .....	\$3,845 00

PAPER D—ESTIMATES—*Concluded.*

From farm fund—	
Wages .....	\$400 00
Irrigation experiment.....	40 00
Purchase of pigs .....	20 00
Total.....	\$460 00

The Board of Direction asks authority to undertake the following experiments:

1. Establishing varieties of red clover by selection.
2. Improvement of Indian corn by selection and careful breeding.
3. Companion and catch crops for Indian corn.
4. Methods of Pasteurizing cream and milk.

The Board of Trustees is asked to assign funds of the Experiment Station according to estimates made in *Paper D*, and also to authorize the President and Secretary of the Board of Direction to expend, as the best interests of the Station may require, any unexpended balances of the United States fund.

The Board of Direction will continue for the rest of the year until March 31, 1896, its present staff at salaries now paid.

Respectfully submitted,

T. J. BURRILL,

*President Board of Direction.*

I respectfully recommend that \$30.00 be appropriated for the purchase of a bust of Senator Justin S. Morrill, pursuant to an arrangement which has been entered into by the different institutions deriving revenues from the Morrill acts.

Respectfully submitted,

A. S. DRAPER,

*President.*

Authority was given to the President to confer degrees as recommended by the Faculty. (See page 87.)

\$2,000.00 was appropriated for the publication of catalogues, circulars, announcements, etc.

The question of appropriating \$1,000.00 for maintaining a course of lectures was referred to the Committee on Instruction.

The recommendations with regard to the *Illini* and a University quarterly were referred to the Committee on Publication.

The recommendations with regard to the military band and the scholarship in music were referred to the Committee on Students' Welfare.

The recommendations with regard to corps of instruction and the reorganization of the shops, so far as it concerns the work of instruction, were referred to the Committee on Instruction.

The recommendations with regard to building a new shop and the removal of machinery to it; also with regard to the care of buildings and grounds were referred to the Committee on Buildings and Grounds.

Mr. Morrison, from the Finance Committee, presented a bond submitted by C. W. Spalding, Treasurer, and moved its approval. After

some discussion, on motion of Mr. Bullard, further consideration of the bond was postponed until Wednesday afternoon.

The Board then adjourned to meet at 2 o'clock Wednesday afternoon.

#### SESSION OF WEDNESDAY AFTERNOON.

At this session the same members were present as on Tuesday.

The bond of the Treasurer was further considered and was approved on the following vote: Yeas, Messrs. Armstrong, Bullard, Graham, McLean, Morrison, Raymond, and Mrs. Smith; nays, Mr. Morgan and Mrs. Flower.

The Committee on Instruction reported verbally recommending the appointment of Arnold Tompkins, A.M., as professor of pedagogy at a salary of \$1,800.00 a year.

That George D. Fairfield, A. M., be appointed to the position in the department of Romance languages made vacant by the resignation of Professor Bruner, with the title of Assistant Professor of Romance Languages, and at a salary of \$1,000.00 a year.

That there be established a department of political science and constitutional history and law, and that Chas. W. Tooke, Ph. D., be appointed Assistant Professor of Political Science, at a salary of \$1,000.00 a year.

That there be established a department of mediaeval history, and that Frank Zinkeisen, Ph. D., be appointed Assistant Professor of History, at a salary of \$1,000.00 a year.

That Mr. Henry H. Everett be appointed Director of Physical Training, to receive a salary for the first year of \$1,200.00, for the second year \$1,400.00, and for the third year \$1,600.00, if his services shall be satisfactory.

That the term of service of each of the above named persons begin September 1, 1895.

That Miss Ella H. Morrison be appointed Director of Physical Culture for Women, and to have charge of the woman's gymnasium, at a salary of \$700.00 for ten months, term of service to begin September 1, 1895.

That Mr. George A Huff be appointed Assistant Director of the Gymnasium and Coach for Athletic Teams, to be paid by the University \$500.00 for ten months, service beginning September 1, 1895.

That there be established a School of Music; and that Mr. Walter Howe Jones be appointed Assistant Professor of Music; that he receive a salary of \$700.00 a year and one-half of the music fees in excess of \$700.00, term of service to begin September 1, 1895.

That there be an assistant in vocal music at a salary of \$500.00 for ten months, beginning September 1, 1895, such assistant to be appointed by President Draper.

The report of the committee was adopted, and the appointments were made as therein recommended.



The Committee on Instruction presented the following, which was adopted:

PLAN OF GOVERNMENT OF THE INSTRUCTIONAL FORCE OF THE UNIVERSITY OF ILLINOIS.

1. All persons who give instruction in any department of the University shall constitute the Corps of Instruction.

2. The members of the Corps of Instruction shall be classified as follows: (a) the President; (b) the Dean of the General Faculty, who shall likewise be Vice-President; (c) the deans of the separate colleges; (d) professors; (e) associate professors; (f) assistant professors; (g) instructors; (h) assistants; (i) fellows. The Librarian and the Director of the Gymnasium shall rank as assistant professors.

3. The President, the Dean of the General Faculty, and the deans of the separate colleges shall constitute the Council of Administration.

4. The President, the Dean of the General Faculty, the deans of the separate colleges, the professors, the associate professors, the assistant professors, and all heads of departments, shall constitute the General Faculty.

5. The members of the instructional force in each college shall constitute the college faculty of that college.

6. The President shall be the executive head of the University. It shall be his duty to secure efficiency in all the departments, orderly and economical administration and healthful development in all the affairs of the University. He is hereby clothed with all authority needful to that end, and for his acts he is answerable to the Board of Trustees alone.

7. The Dean of the General Faculty shall have general oversight of the instructional departments of the University, and more particular supervision of the Graduate School. He shall also be vice-president and exercise the functions of the President in the absence of that officer.

8. The dean of each College shall be the executive officer of that College and shall be responsible to the President for carrying out all University policy and for the execution of all established rules or special directions given by any superior authority. The dean shall make an annual report to the President on or before the first day of June in each year, in which he shall fully treat of the work of his College. He may make report or advance suggestions at any time and shall report to the President whenever requested to do so.

9. The members of the Council of Administration, other than the President, shall be associated with that officer in an advisory capacity touching the discharge of administrative duties. The Council shall have exclusive jurisdiction over all matters of discipline. It shall not exercise general legislative functions, but when any matter arises which has not been provided for by rule or common usage or legislative action of the General Faculty, and which can not be conveniently laid over till the next meeting of the General Faculty, it may act upon the same according to its discretion, and its action in such case shall not be subject to reversal by the Faculty. It shall be the duty of the secretary of the Council to report to the Faculty, or to particular officers, all items of its action when necessary to efficient administration.

10. The General Faculty shall exercise general legislative functions touching the education policy of the University or any particular matter incidental thereto.

11. The faculty of each College may exercise legislative functions touching any matter appertaining exclusively to the internal work of that College and the progress of students therein. It shall not, however, have authority to take away from any student any University privilege, nor shall it do anything trenching upon the executive duties of the dean. It must be understood that the College organization is only for convenience within University circles, and that no College shall take action not well supported by rule or

usage for which the general officer of the University may be called upon to answer. All matters of general policy, or matters involving the interests of outside parties, must be determined by general University authority.

12. A professor shall be the head of a department and, subject to superior authority as to policy and course of procedure, he shall be responsible for the quality and efficient progress of the work of that department, and all subordinates in the department shall conform to his views touching department policy, while they exercise their own originality and genius in carrying it out. The ranking member in a department staff which is without a professor at its head shall, for the time being, be the head of the department. Subordinates in a department, and particularly associate professors, shall be entitled to offer to the head professor thereof such suggestions as they may see fit concerning the general policy of the department, but the final determination of that policy shall rest with the head thereof and with the authorities superior to him.

13. Any member of the Corps of Instruction shall report to any superior authority upon request. All communications to superior authorities, whether made pursuant to request or voluntarily offered, shall, unless otherwise specially directed, be transmitted through all intermediary officers, to the end that they may have knowledge thereof and an opportunity to comment thereupon if they think advisable.

The following recommendations coming from the Council of Administration were presented by the President:

#### AMENDMENTS AND ADDITIONS TO THE RULES FOR GOVERNMENT OF STUDENTS.

Members of the Graduate School shall not be required to pay fees for studies approved by the Council of Administration as leading to an advanced degree; but the usual term fee shall be charged all students taking any undergraduate work.

A fee of five dollars shall be charged for entrance to classes in physical culture to all those connected with the University who do not otherwise pay fees.

Persons connected with the University, other than regular students, shall, if they attend any University classes, register and take class cards. Any such person shall also pay a fee of \$5.00 if the study pursued be not one accepted in his case for a second degree.

Amend the third paragraph, on page 5 of the "Rules for the Government of Students," edition of 1893, to read as follows: "A student receiving a condition in any one study shall take a re-examination at a time appointed by the instructor within one month from the beginning of the following term, unless given a longer time by the President of the University."

A student failing at any second examination, or not taking the re-examination at the appointed time, may not have a further examination without permission of the President, and then only upon the payment of a fee of \$5.00. This rule to apply to entrance examinations also.

For all special examinations the student must take out in advance, a permit from the Registrar.

Three dollars shall be paid as a fee by those who seek extra entrance examinations in the Preparatory School.

The two days preceding the beginning of instruction at the opening of terms shall be registration days. On one of these days each student must register, in person, at the Registrar's office, and must, before registering, file with the Registrar an approved list of studies for the ensuing term.

Students will not be permitted to classes before registration.

Subsequent to registration days lists of studies will not be approved and registration will not be permitted except upon the authority of the President.

No unmatriculated student shall be entered as a conditioned Freshman unless enrolled in at least two University subjects, and unless all entrance conditions can be made up during the year; and no student having entrance conditions may pursue University studies more than one year.

That the time of students may be fully occupied, each person is required to to pursue studies, exclusive of military and physical culture studies, aggregating not less than three nor more than three and three-fifths credits; except that students in courses requiring more than such number of studies in any term shall not be limited as to such required studies by this rule; and, excepting further, that a student whose standing in each study of the preceding term has been "passed with credit," may take for the term studies aggregating not more than four credits. Students may be permitted to take more or less than the amount of work described above only on a three-fourths vote of the members of the College faculty present at a formal meeting.

A term's credit in every subject shall be upon the basis of work requiring, for the average student, fifteen hours a week in outside preparation and class, and laboratory exercises combined. Fractional credits shall require such part of fifteen hours a week as the fractional credit indicates.

Candidates for advanced standing, not from other colleges or universities, may secure such standing on examination only. In the case of freshmen students seeking advanced standing on the basis of their preparatory work, such standing shall be granted after satisfactory examination only.

Those who present for entrance to the Preparatory School, satisfactory grades for not less than one year's work in an accredited school of the University, shall be excused from examination.

Hereafter the following members of the University battalion shall be allowed one credit for Military 2, whenever they are members of either of the following organizations, viz: The University foot-ball eleven, the University base-ball nine, or the University track team, and that in addition to the regular members of the foot-ball eleven and base-ball nine above mentioned, three substitutes be included in each organization and allowed the same credit as the regular members. This credit should be allowed but once and be given for the term in which the organization is engaged in contests with others; that is, for foot-ball, credit for fall term be allowed; for base-ball and track team, credit for spring term. Where a member of the battalion is a member of more than one organization, say foot-ball and base-ball, or track team, he may elect in which term he will take his credit, but in no case can he receive more than one. Also, that not more than fifteen credits be given to members of the track team as a whole.

The system of marking in the University shall be as follows:

The grades shall be "failed," "conditioned," "passed," "passed with credit." The passing mark shall be 60.

#### CHANGES IN ARCHITECTURAL DEPARTMENT.

That one year of free-hand drawing, in addition to the year of this work prescribed be substituted for the year of shop practice now required for graduation in the course in architecture.

That one year of Mechanical Engineering I be substituted for the year of shop practice now required for graduation from the course in architectural engineering.

That the architectural shops, with machines, plant and materials, be transferred to such departments as may be ordered by the Board of Trustees, and dropped from the inventory of the department of architecture and architectural engineering. This is recommended also by the dean of the College of Engineering and the faculty of that College.

#### CIRCULAR.

The issue of a circular is recommended to give information concerning the changes and additions in courses, new departures in the work of instruction, and improvements about the University.

## FELLOWSHIPS.

The Council of Administration further recommends that fellowships for the ensuing year be assigned as follows:

In the College of Literature and Arts, to Miss Marion Thompson, of the present graduating class.

In the College of Engineering, to Mr. Peter Junkersfeld, also of the present graduating class.

## ACCREDITED SCHOOLS.

With regard to accredited schools the Council of Administration recommends:

That the life of all certificates to accredited schools be three years.

That the time limit for recognizing the validity of high school certificates of graduation be abolished.

A motion having been made to approve and adopt these recommendations, Mr. Armstrong moved to amend by making the passing mark 75 instead of 60. This amendment was lost on the following vote: Yeas, Dr. Smith, Mrs. Flower, Mr. Armstrong; nays, Messrs. Morgan, Morrison, Raymond, McLean, and Bullard.

The recommendations were adopted after an amendment giving freshmen in the architectural course the option of taking either architectural shop practice or free-hand drawing.

The Committee on Instruction also recommended the appropriation of \$1,000.00 for a course of lectures, and this report was referred to the Committee on Finance.

The Committee further recommended that a Department of Household Economics be established as soon practicable.

These recommendations were adopted.

The Committee further reported recommending that the position of foreman in the architectural shops be abolished.

This was referred to the Committee on Buildings and Grounds.

The Committee on Instruction further reported recommending that the deans of the General Faculty and the several colleges be re-appointed for the ensuing year—that Professor Burrill be Dean of the General Faculty; Professor Kinley, Dean of the College of Literature and Arts; Professor Ricker, Dean of the College of Engineering; Professor Forbes, Dean of the College of Science, and Professor Davenport, Dean of the College of Agriculture.

The report was adopted.

The Committee on Instruction also presented a report concerning recommendations with regard to changes of titles and salaries of members of the Corps of Instruction for the ensuing year.

The report was adopted so far as it related to titles, but the matter of salaries was referred to the Committee on Finance. (For the complete report of both committees see page 110.)

The Committee on Students' Welfare made the following report which was adopted:

URBANA, ILL., June 12, 1895.

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

GENTLEMEN: Your Committee on Students' Welfare has considered the suggestion of President Draper concerning returning fees to such students as may continue in the military band by appointment of the Professor of Military Science after they are no longer subject to military duty, and recommends that an amount equal to the term fees be paid them at the end of the year.

Your committee also recommends that a special musical scholarship of \$300 a year for two years be given to the present leader of the band, Mr. William L. Steele, as suggested by President Draper,

Respectfully submitted,

JULIA HOLMES SMITH,

LUCY L. FLOWER,

RICHARD P. MORGAN,

*Committee on Students' Welfare.*

It was voted that after Sept. 1st, next, the pay of the secretary in the President's office should be \$60 a month; that the pay of the secretary in the Registrar's office, and the stenographer in the office of the College of Engineering, \$50 a month, and that the Secretary of the Experiment Station should be authorized to pay his stenographer \$50 a month, this last to be paid from the funds of the Experiment Station.

The Board then adjourned to meet at 9 o'clock Thursday morning.

#### SESSION OF THURSDAY MORNING.

The same members were present as on Wednesday, except Mrs. Smith.

A communication received from the Rock River Farmers' Club was referred to the Farm Committee.

The following resolution offered by Mr. McLean was adopted:

*Resolved*, That all reports of standing and special committees touching matters submitted to them for investigation or action shall be made in writing, giving such details as the subject matter of such reports requires.

The four resolutions which follow were successively presented and adopted:

*Resolved*, That Mr. A. B. Baker be relieved of his duties as janitor at University Hall and that, in view of his long and faithful service and the esteem in which he is held by the Board, he be retained in its service for the purpose of conducting visitors about the University buildings and grounds, and performing such other light service as may be requested of him by the President; and that for such services he be given the use of the quarters now occupied by him in the basement of University Hall, and also the sum of \$500 a year.

*Resolved*, That there be appointed a superintendent of buildings and grounds at an annual salary not exceeding \$1,200 a year, whose duty it shall be to have general charge of all University building and grounds. All the janitors employed by the University shall be under his supervision and direction, and for cause may be discharged by him at any time. Temporary workmen and helpers which are necessary at times may be employed by him at rates of compensation approved by the Business Agent. In the discharge of his duties he shall act under the general direction of the Buildings and Grounds Committee and, in its absence, the President of the University.

*Resolved*, That when the Superintendent of Buildings and Grounds has been appointed and the force of janitors connected with the University shall have been so reorganized as to give promise of efficiency, application be made by the President to the authorities of the cities of Urbana and Champaign for the appointment of the Superintendent of Buildings and Grounds and the members of his force as special police officers, to the end that they may have power to arrest idlers, trespassers, marauders, disturbers of the peace, and any persons found on or about University property or menacing the quiet and security of the University; and that when invested with such authority such Superintendent and janitors shall be held accountable for the good order about all buildings and grounds and the safe keeping of all University property.

*Resolved*, That hereafter no advertising signs be allowed upon University property; that no trespassing be allowed upon the campus between the principal buildings of the University; that all riders of bicycles be required to keep upon the roadway and never allowed upon the walks; that no vehicles, loaded or otherwise, be allowed to enter the carriage ways of the University unless the same are for light pleasure driving alone, or are on business connected with the University; and that the Superintendent of Buildings and Grounds be authorized to put up suitable notices or take any proper steps necessary to secure the complete enforcement of this resolution.

The Committee on Buildings and Grounds reported verbally through its chairman, Mr. Morgan, that it had looked into the claim of Messrs. Yeager & Schultz for the remission of the penalty imposed by the action of the Board taken December 6, 1894 (see page 35) and had agreed to the remission of the full amount of \$1,900.00, less \$125.00 paid the inspector on account of the delay in completing the contract.

On motion of Mrs. Flower, the action of the committee was approved.

On motion of Mr. McLean, the balance, \$1,775.00 was ordered paid, any part of same which could not be met from the state appropriation for the erection of Engineering Hall after the amount for electric wiring had been paid, to be paid from the \$5,000.00 appropriated at the last session of the legislature for completing the fitting and furnishing of Engineering Hall.

The Farm Committee made the following report:

URBANA, ILL., June 13, 1895.

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

GENTLEMEN: Your Farm Committee recommends the adoption of the following resolution:

WHEREAS, A communication has been received by the members of this Board from the president of the Rock River Farmers' Club relative to the manner in which the University of Illinois has been conducted in the past and its plans for the future concerning the agricultural department, and

WHEREAS, We believe that said Club is laboring under a misapprehension as to what is doing in the department named, and as we also believe that this institution was organized for the benefit of the agricultural interests and the mechanical arts of the State of Illinois, and further believe that it should subserve the interests named; therefore be it

*Resolved*, That this Board hereby reaffirms or declares that it has been in the past, and shall be in the future, its earnest desire and aim to increase, if possible, and extend the usefulness and benefits of this department to every section of the state.

*Resolved*, That we ask the hearty coöperation of all clubs and associations interested in agricultural pursuits and request that they keep more in touch

with this Board, and communicate with it freely concerning all matters with which they, together with this institution, are virtually interested, as it is the sincere desire of this Board to make the agricultural department of the University as efficient and useful to the people of this state as the projectors of the University designed and hopefully anticipated.

*Resolved*, That we cordially invite the members of the agricultural clubs and associations to visit the University and familiarize themselves with its condition and its work.

Respectfully submitted,

ISAAC S. RAYMOND,  
ALEXANDER MCLEAN,  
N. B. MORRISON,

*Farm Committee.*

The Executive Committee of the Board of Trustees submitted the following report:

URBANA, ILLINOIS, June 13, 1895.

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

GENTLEMEN: Your Executive Committee reports that at a meeting held in Springfield, April 3, 1895, at which all members of the Committee were present, an appropriation of \$200.00 for incidental expenses, and \$200.00 for Board expenses, as made.

Respectfully submitted,

N. W. GRAHAM,  
N. B. MORRISON,  
ALEXANDER MCLEAN,

*Executive Committee.*

The report from the Board of Direction of the Agricultural Experiment Station was then taken up and it was voted that appropriations be made as requested in the report, and that authority be given to undertake the experiments therein named.

Professor Eugene Davenport was appointed a delegate to attend the meeting of the Association of American Agricultural Colleges and Experiment Stations to be held in Denver July next, and it was ordered that his expenses be paid from University funds. There was also appropriated \$10.00 for payment of the University's membership fee in the association.

An appropriation of \$30.00 was made for the purchase of a bust of Senator Justin S. Morrill.

The question of offering prizes for oratorical contests was referred to the Committee on Instruction.

The appointment of needed assistants not already provided for was referred to President Draper and the Executive Committee with power to act.

On motion of Mr. Bullard the paving of Green street, laying walks, and payment of the sewer tax was referred to the committee on Buildings and Grounds with power to act; and the Committee was authorized to expend the sum of \$9,300.00, appropriated by the legislature at its last session for this purpose.

Mr. Morrison, from the Committee on Finance, presented President Draper's bill of expenses, amounting to \$82.72; also the bill of Professor H. J. Waters for traveling expenses, amounting to \$34.10, and the bill of Miss Adeline W. Rowley for traveling expenses, \$9.30, and they were ordered paid.

The special committee appointed to draft resolutions concerning Mr. F. M. McKay's services as a member of the Board of Trustees, made the following report, which was adopted:

URBANA, ILLINOIS, June 13, 1895.

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

GENTLEMEN:—Your special committee offers the following report with regard to Mr. F. M. McKay:

Mr. F. M. McKay was appointed a member of the Board of Trustees by Governor Oglesby in 1884, and at the end of that term was elected by the people of the state for a term of six years. During his ten years' connection with the Board he has been a regular attendant upon its meetings, entering into all its affairs with energy and enthusiasm. He came into the Board with a high ideal of what the University should do for the people of the state in the cause of higher education, and maintained throughout his official relation with the Board earnest and successful prosecution of his views as to the work of the University. As Chairman of the Committee on Instruction much credit is due him in raising the standard of instruction and broadening the scope of the University courses. In view of these facts we recommend the passage of the following resolution:

*Resolved*, That in recognition of the distinguished service which Mr. F. M. McKay has rendered to the University and the cause of higher education, as a Trustee of the University of Illinois, we respectfully recommend that the Faculty of the University present his name at the commencement of 1896 for the degree of master of arts.

J. E. ARMSTRONG,

*Chairman of Committee.*

The Committees on Instruction and on Finance made the following report with regard to the positions and salaries of the members of the corps of instruction for the ensuing year.

For convenience of reference both those instructors in relation to whom changes have been made, and those remaining the same as heretofore, are included in the list.

URBANA, ILLINOIS, June 13, 1895.

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

GENTLEMEN:—Your Committees on Instruction and on Finance respectfully submit the following schedule of titles and salaries for the ensuing year:

Thomas Jonathan Burrill, Ph. D., LL. D., Vice President, Dean of the General Faculty, and Professor of Botany and Horticulture.....	\$2,700 00
Samuel Walker Shattuck, C. E., Professor of Mathematics.....	2,000 00
Edward Snyder, A. M., Professor of the German Language and Literature.....	2,000 00
Nathan Clifford Ricker, M. Arch., Dean of the College of Engineering and Professor of Architecture.....	2,300 00
Ira Osborn Baker, C. E., Professor of Civil Engineering.....	2,200 00
Stephen Alfred Forbes, Ph. D., Dean of the College of Science and Professor of Zoölogy.....	1,000 00
Charles Wesley Rolfe, M. S., Professor of Geology.....	2,100 00
Donald McIntosh, V. S., Professor of Veterinary Science.....	1,800 00
Arthur Newell Talbot, C. E., Professor of Municipal and Sanitary Engineering.....	2,100 00
Arthur William Palmer, Sc. D., Professor of Chemistry.....	2,100 00
Frank Forrest Frederick, Professor of Art and Design.....	1,900 00
Samuel Wilson Parr, M. S., Professor of Applied Chemistry.....	2,100 00
Herbert Jewett Barton, A. M., Professor of the Latin Language and Literature..	2,000 00
Charles Melville Moss, Ph. D., Professor of the Greek Language and Literature..	2,100 00
Daniel Kilham Dodge, Ph. D., Professor of the English Language and Literature	2,000 00
Lester Paige Breckenridge, Ph. B., Professor of Mechanical Engineering and Superintendent of Heating Plant.....	2,250 00
Daniel William Shea, Ph. D., Professor of Physics.....	2,200 00
David Kinley, Ph. D., Dean of the College of Literature and Arts, Professor of Political Economy and Social Science.....	2,250 00
Daniel Harmon Brush, Captain 17th Infantry, U. S. A., Professor of Military Science and Tactics.....	



Eugene Davenport, M. S., Dean of the College of Agriculture and Professor of Animal Husbandry.....	\$1,000 00
Edgar J Townsend, Ph. M., Associate Professor of Mathematics.....	1,650 00
George William Myers, A. M., Associate Professor of Mathematics (on leave).....	
Katharine Merrill, A. B., Assistant Professor of the English Language and Literature.....	1,300 00
William Otterbein Krohn, Ph. D., Assistant Professor of Psychology.....	1,800 00
James McLaren White, B. S., Assistant Professor of Architecture.....	1,500 00
Henry Elijah Summers, B. S., Associate Professor of Human Physiology and Vertebrate Anatomy.....	1,650 00
William Humphrey VanDervoort, M. E., Assistant Professor of Mechanical Engineering.....	1,650 00
William David Pence, B. S., Assistant Professor of Civil Engineering.....	1,400 00
Evarts Boutelle Green, Ph. D., Assistant Professor of History.....	1,600 00
Harry Sands Grindley, Sc. D., Assistant Professor of Chemistry.....	1,050 00
Thomas Arkle Clark, B. L., Assistant Professor of Rhetoric.....	1,300 00
Herman S Platt, A. M., Assistant Professor of Romance Languages.....	1,000 00
Bernard Victor Swenson, B. S., Assistant Professor of Electrical Engineering.....	1,100 00
Arthur Hill Daniels, Ph. D., Assistant Professor of Philosophy.....	1,200 00

## INSTRUCTORS AND ASSISTANTS.

Cyrus Daniel McLane, B. S., Instructor in Architecture.....	1,100 00
Cyril Balfour Clark, Foreman in Machine Shops.....	800 00
William Emanuel Sandford, Ph. G., Instructor in Pharmacy.....	800 00
James David Phillips, B. S., Instructor in General Engineering Drawing.....	850 00
Charles Alexander Gunn, B. S., Assistant in Architecture.....	850 00
Alfred Holmes White, A. B., Assistant in Chemistry.....	800 00
William Esty, B. S., Instructor in Electrical Engineering.....	1,000 00
Albert Root Curtiss, Foreman of Wood Shop.....	800 00
Frank Smith, A. M., Instructor in Zoology.....	1,200 00
Lorin William Peabody, B. S., Assistant in Testing Laboratory.....	750 00
George Washington McCluer, M. S., Assistant in Horticulture.....	180 00
Henry Jones, Foreman in Blacksmith Shop.....	600 00
Ralph Parsons Smith, Ph. B., Instructor in German.....	1,200 00
Peter Mogensen, B. S., Assistant in Mathematics.....	800 00
Helen Eliza Butterfield, M. L., Instructor in Rhetoric.....	750 00
Jeremiah George Mosier, B. S., Assistant in Geology.....	700 00
Robert Clarke Vial, B. S., Assistant in Engineering.....	700 00
Alton Cyrel Burnham, B. S., Instructor in Mechanical Engineering.....	800 00
Fred Anson Sager, B. S., Instructor in Physics.....	850 00
Edward John Lake, B. S., Assistant in Art and Design.....	600 00
Charles Frederick Hottes, B. S., Assistant in Botany.....	600 00

## PREPARATORY SCHOOL.

Edward Gardnier Howe, Principal.....	1,800 00
Nathan Austin Weston, B. S., Instructor in Mathematics and History.....	900 00
Lillie Adelle Clendenin, Instructor in English.....	650 00

## REGISTRAR.

William Low Pillsbury, A. M.....	1,400 00
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## LIBRARIAN.

Percy Favor Bicknell, A. M.....	1,550 00
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Respectfully submitted,

J. E. ARMSTRONG,  
JULIA HOLMES SMITH,  
S. A. BULLARD,

*Committee on Instruction.*

N. B. MORRISON,  
J. E. ARMSTRONG,  
S. A. BULLARD,

*Finance Committee.*

The report was adopted on motion of Mr. Morgan.

The payment of \$20.00 a month to a messenger in the President's office was authorized.

The Treasurer's report was submitted and referred to the Finance Committee.

## TREASURER'S REPORT.

CHARLES W. SPALDING, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
MAY 31 1895.

1895.	<i>Dr.</i>		
February 28	To balance .....	\$480 00	\$92,566 64
March 11	Principal, contract No. 47, M. Hubka .....	46 45	
" 11	Interest, contract No. 47, M. Hubka .....	8,000 00	
" 13	Transfer of eight Kankakee bonds to endowment fund..	2,630 29	
" 29	From S. W. Shattuck on general fund .....	3,750 00	
April 5	Quarterly Experiment station warrant .....	213 00	
" 10	Mansfield coupons, due January 1, 1895 .....	354 75	
" 26	From W. L. Pillsbury, on farm account .....	1,000 00	
" 27	From S. W. Shattuck, on general fund .....	600 00	
May 2	Payment of Bond county bond No. 3 .....	78 00	
" 2	" coupons .....	1,000 00	
" 3	" Sangamon county bonds Nos. 1 and 2 .....	300 00	
" 3	" coupons .....	325 00	
" 3	Cass county coupons .....	500 00	
" 6	Shelby county bond No. 5 .....	300 00	
" 6	" coupons .....	06	
" 6	Error in payment of warrant No. 166 (1894-1895) .....	1,117 06	
" 8	From S. W. Shattuck on general fund .....	390 00	
" 11	Balance Pittsfield coupons, due July 1, 1894 .....	2,072 52	
" 28	From S. W. Shattuck on general fund .....	365 78	
" 31	Interest to date on endowment fund at 4 per cent .....	182 62	
" 31	all other funds at 2½ per cent .....		\$23,705 53
			<u>\$116,272 17</u>
1895.	<i>Cr.</i>		
May 31	By amount paid out of general fund as per list of war- rants attached thereto .....	\$16,962 00	
" 31	By amount paid out of State appropriations as per list of warrants attached hereto .....	20,375 80	
" 31	By amount paid out of State Laboratory of Natural His- tory as per list of warrants attached hereto .....	2,527 02	
" 31	By amount paid out of U. S. fund as per list of warrants attached hereto .....	8,116 18	
" 31	By amount paid out of U. S. Experiment Station fund as per list of warrants attached hereto .....	4,417 83	
" 31	By amount paid out of farm fund account as per list of warrants attached hereto .....	724 77	
" 31	By amount paid out of endowment fund for Kankakee bonds .....	8,000 00	\$61,123 60
	Balances—		
	State appropriations:		
	Current fund .....	\$4,037 94	
	Engineering Hall .....	5,034 06	
	Laboratory of Natural History .....	924 56	
	Other appropriations .....	678 56	
	General fund .....	5,158 32	
	U. S. fund .....	110 49	
	Endowment fund .....	36,244 90	
	U. S. Experiment Station fund .....	2,727 67	
	U. S. Experiment Station farm fund .....	232 07	
			55,148 57
			<u>\$116,272 17</u>

The committee is instructed to submit a design for the building, with its recommendations thereupon, at a meeting of the Board to be called at its request, at such time as it may fix.

The committee is hereby authorized to offer premiums to the amount of \$1,200.00 for designs for the library building, under such rules and regulations as may be adopted by the committee; and it is further authorized to offer to the successful competitor the usual fees for service as architect and superintendent.

The following report from Professor Forbes, director of the State Laboratory of Natural History was received:

URBANA, ILLINOIS, June 10, 1895.

*Mr. Nelson W. Graham, President Board of Trustees,*

DEAR SIR: I beg to report concerning appropriations for the State Laboratory of Natural History, that the bill covering our expenditures for the next two years has passed the House and is on third reading in the Senate, where it is practically certain to pass this week, probably on Tuesday. It carries a total amount of \$19,800.00, which, in addition to the \$5,500.00 specifically appropriated to the Biological Station in the University bill, makes \$25,300.00 for the expenses of investigation work under my direction, as compared with \$14,600.00 last session, being an increase of \$10,700.00.

The present bill contains, in addition to the usual items, an allowance of \$1,500 per annum for the expenses of an investigation of the contagious diseases of insects, and of \$1,500 per annum for one half the expenses of the biological station at Havana—the other half of these expenses having been provided for in the University bill. I have consequently to ask the reappointment of my present office force, and the appointments additional of Mr. Chas. A. Kofoid, as Superintendent of the Illinois State Biological Experiment Station at a salary of \$1,200 per annum; of Mr. B. M. Duggar as Botanical Assistant at the State Laboratory of Natural History, at a salary of \$1,000 per annum, and of Mr. Adolph Hempel as Zoological Assistant of the State Laboratory, at a salary of \$720 per annum.

The complete list is as follows:

B. M. Duggar, Botanical Assistant .....	\$1,000 00
H. C. Forbes, Business Agent and Librarian .....	1,000 00
C. A. Hart, Curator of Collections .....	750 00
Adolph Hempel, Zoological Assistant .....	720 00
W. G. Johnson, Assistant Entomologist .....	1,200 00
C. A. Kofoid, Superintendent Biological Station .....	1,200 00
Frank Smith, Assistant Zoologist .....	200 00
Mary J. Snyder, Secretary .....	750 00

Miss Lydia M. Hart, whom I have under continuous engagement as artist, receives a compensation by the hour, varying according to the nature of her work.

Mr. Smith's salary from the State Laboratory I have placed at \$200 instead of \$400 as last year. According to present arrangements for my work, much more of his time will go to the University department of instruction than last year, and it seems to me right that the University should pay him \$1,200 accordingly, instead of the \$1,000 now received from that source. Mr. Johnson, on the other hand, whose salary has been in part chargeable to the University assignment of \$1,800 for various purposes, made to my department in March, 1894, will be paid according to the above scheme wholly from the State Laboratory appropriations.

I think it very desirable that before I finish my plans for the equipment of the Biological Station I make a trip to Newport, New York City, and Cold Spring Harbor, and perhaps to some other places in the east for the purpose of examining apparatus and methods of equipment provided for similar work elsewhere, and I ask the authority of the Trustees to make this trip at the expense of the appropriation for the equipment of the Station.

Mr. Morrison, chairman of the Finance Committee, reported verbally approving appropriations in accordance with the recommendation of the President (see page 99), as follows:

Library .....	\$200 00
Art and design .....	250 00
Psychological laboratory.....	300 00
Steam heating.....	500 00
Zoölogy.....	500 00
Chemistry.....	500 00
Applied chemistry.....	500 00
Geology.....	800 00
Physiology.....	500 00
Botany and horticulture.....	300 00
Agriculture.....	2,000 00
Physical culture.....	600 00
School of music.....	250 00
College of Engineering.....	10,000 00

These sums to be taken from the specific appropriations made by the legislature, so far as proper.

The report was approved and appropriations made as recommended.

Mr. McLean offered the following resolution, which was adopted:

WHEREAS, The Board at this session has by resolution adopted a plan looking to the appointment of a Superintendent of Buildings and Grounds, and properly policing the buildings and property of the University, therefore be it

*Resolved*, That the President of the University, the chairman of the Committee on Buildings and Grounds, and the Business Agent, be appointed a committee to provide a plan for carrying out the business contemplated by the action of the Board relative to the appointment of a superintendent of the buildings and grounds, and to report at the next meeting of the Board.

A claim made by Robinson & Burr, of Champaign, was referred to the Committee on Buildings and Grounds.

The Board adjourned to meet at 2 o'clock p. m.

#### SESSION OF THURSDAY AFTERNOON.

The Board met pursuant to adjournment, the same members being present as in the morning.

It was voted that when the Board adjourned it should adjourn to meet at 9 o'clock a. m., June 27, 1895, at the Palmer House, Chicago.

The following resolution was offered by Mr. Bullard, and was adopted:

WHEREAS, The state has appropriated \$150,000.00 for a new library building; and

WHEREAS, This amount of money will be in the treasury of the University after July first, next, therefore be it

*Resolved*, That the Committee on Buildings and Grounds be, and hereby is, instructed to enter at once on the consideration of the erection of this building.

I have to suggest for the name of our station on the Illinois River, that of the University of Illinois Biological Experiment Station, and ask your approval of this title.

Respectfully yours,

S. A. FORBES, *Director of Laboratory.*

The recommendations of the report as to appointments and salaries were approved, and the appointments were made.

Professor Forbes was authorized to make a trip for the purpose of examining other biological stations, and it was voted that the expenses of such trip should be paid from the appropriations for the equipment of the Station.

The station on the Illinois River was given the name of the University of Illinois Biological Experiment Station, as requested.

Appropriations of funds to the State Laboratory of Natural History were made as follows, for the quarter beginning July 1, 1895:

For field work, office, and incidental expenses .....	\$375 00
For library .....	250 00
For salaries and assistance .....	912 50
For bulletins .....	125 00
For illustration of report of State Entomologist .....	62 50
For investigation of contagious diseases of insects .....	375 00
For equipment of the Biological Station .....	2,500 00
For expenses of the Biological Station .....	375 00
For expenses of Biological Station, from appropriation to the University .....	375 00

On motion of Mr. McLean, an assignment of a sufficient amount of funds was made to pay the taxes on Minnesota lands.

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

*Resolved*, That the President and Secretary be directed to draw upon the Auditor of Public Accounts such orders as the law requires in order that he may issue to the Treasurer of the University his warrants upon the State Treasurer for the amounts appropriated by the legislature to the University of Illinois, and to the State Laboratory of Natural History.

*Resolved*, That the Treasurer of the Board of Trustees of the University of Illinois be, and is, hereby authorized to receive and receipt for all moneys, and to endorse all orders, drafts and checks due and payable to the said Board of Trustees, or to the said University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to said Board of Trustees or to said University of Illinois, on account of the Agricultural Experiment Station of the said University.

An appropriation of \$1,000.00 for a lecture course was made on approval of the Finance Committee.

An appropriation of \$25.00 was made for the purchase of material for fences on the south farm.

By request of Mr. Graham, Mr. McLean occupied the chair for the rest of the session.

On motion of Mr. Morgan, the recommendation of President Draper with regard to the reorganization of the shops (see page 96) was approved.

On motion of Mr. Armstrong, the President was requested to have prepared a sketch plan of the University grounds, so as to show the relative position of the buildings and the walks.

The following resolution, offered by Mr. Bullard, was adopted:

*Resolved*, That the Committee on Buildings and Grounds is hereby instructed to have prepared drawings, specifications, etc., for the new buildings and improvements provided for by the present legislature; and that the Committee is hereby authorized to let the contracts for the construction of the same.

This does not apply to the library building otherwise provided for, and this work shall be done on advice and consultation with the President and members of the Faculty interested in the several buildings.

The matter of the reorganization of the agricultural department was taken up and, after discussion, further consideration was deferred till the next meeting of the Board.

A resolution, offered by Mr. Morgan, with reference to the purchase of a sprinkler, was referred to the Finance Committee, to report at the next meeting.

On motion of Mr. Morgan, it was voted that the Committee on Buildings and Grounds be instructed to ascertain and report at the next meeting of the Board for how much the S. W.  $\frac{1}{4}$ , 21-19-9, E. 3d P. M., can be sold.

Professor Shattuck, the Business Agent, presented his report.

#### BUSINESS AGENT'S REPORT.

URBANA, ILLINOIS, June 11, 1895.

*Nelson W. Graham, President of the Board of Trustees, University of Illinois,*

SIR: I have the honor to hand you herewith the financial statements due from me at this time:

*Paper A*, a showing of the current appropriations from March 1, to June 1, 1895.

*Paper B*, the condition of the State appropriations, June 1, 1895.

*Paper C*, the same for the U. S. fund.

*Paper D*, a list of vouchers presented for audit, being 501 to 1,150.

*Paper E*, an estimate of receipts and expenses for the year ending September 1, 1896.

*Paper F*, an estimate for the three months ending September 1, 1895.

The Board is requested to appropriate the \$31,854.20 given in this paper for the expenses of the three months for the purposes named.

## PAPER A—CURRENT APPROPRIATIONS.

March 13, 1895.	Appropriated.	Receipts appropriated.	Expended.	Balance.
Board expenses.....	\$600 00	.....	\$458 11	\$141 89
Salaries for instruction { Current.....	23,844 00	.....	11,952 81	924 72
and for President { U. S. Fund.....			4,982 66	
{ State.....			5,983 81	
Salaries for services.....	3,100 00	.....	3,094 60	5 40
Buildings and grounds.....	200 00	7 50	51 51	155 99
Fuel and lights.....	2,400 00	137 54	911 26	1,726 28
Stationery and printing.....	1,200 00	.....	385 59	814 41
Preparatory School.....	.....	1,001 50	1,271 57	.....
Mechanical Department.....	250 00	393 58	664 76	.....
Architectural.....	.....	916 82	621 77	295 05
Horticultural.....	50 00	17 80	49 00	18 80
Military.....	50 00	.....	7 48	42 52
Laboratory.....	200 00	322 36	273 86	248 50
Library and apparatus.....	50 00	.....	16 23	33 77
Incidentals.....	400 00	.....	435 50	.....
<i>Sundries.</i>				
Water supply.....	125 00	.....	.....	125 00
Furniture and fixtures.....	100 00	.....	44 85	55 15
Heating apparatus.....	200 00	.....	39 35	160 65
Advertising.....	157 85	.....	97 06	60 82
Biological Station.....	727 18	.....	280 93	446 53
Art department.....	72 18	.....	14 35	57 83
Treasurer's expenses.....	112 69	.....	112 69	.....
Accredited schools.....	122 94	.....	122 80	14
<i>Illini</i> .....	228 58	.....	228 56	02
<i>The Technograph</i> .....	100 00	.....	100 00	.....
Gymnasium.....	15 44	.....	25	15 19
Publication of exercises.....	297 75	.....	297 75	.....
Publication of Trustees' address.....	206 92	.....	149 45	57 47
Summer school.....	934 66	.....	30 64	904 02
South farm.....	200 00	.....	.....	200 00
Music fees.....	.....	84 00	.....	84 00

## PAPER B—STATE APPROPRIATIONS.

March 13, 1895.	Received.	Expended.	Balance.	Assigned.
Closed out.....	\$103,012 33	\$103,012 33	.....	.....
Cabinets.....	1,000 00	953 01	\$46 99	\$46 99
Furnishing and heating Nat. Hist. Hall.....	6,000 00	5,582 61	417 39	417 39
Engineering building.....	160,000 00	155,021 54	4,978 46	4,978 46
Applied mechanics.....	472 00	193 36	278 64	278 64
Civil engineering.....	233 00	188 30	44 70	44 70
Psychology.....	200 00	200 00	.....	.....
Botany.....	450 00	274 48	175 52	175 52
Library.....	10,000 00	9,479 33	520 67	520 67
Zoölogy.....	1,200 00	1,143 24	56 76	56 76
Geology.....	500 00	460 60	39 40	39 40
Buildings and grounds.....	2,100 00	1,867 92	232 08	232 08
Mechanical engineering.....	4,000 00	3,407 21	592 79	592 79
Municipal and sanitary engineering.....	50 00	47 77	2 23	2 23
Salaries for instruction.....	5,983 81	5,983 81	.....	.....
Geology cases.....	300 00	286 00	14 00	14 00
Pedagogy.....	150 00	120 86	29 14	29 14
Greek.....	150 00	89 43	60 57	60 57
Woman's gymnasium.....	300 00	98 11	201 89	201 89
Shop practice.....	300 00	300 00	.....	.....
Total.....	\$296,401 14	\$288,709 91	\$7,691 23	\$7,691 23
Illinois State Laboratory of Natural History...	\$15,313 26	\$15,127 92	\$185 34	\$185 34

## PAPER C—UNITED STATES FUND.

	Received.	Expended.	Balance.	Assigned.
<i>Year ending June 30, 1893.</i>				
Before reported on.....	\$17,750 00	\$17,750 00		
Agricultural lectures.....	226 06	226 06		
Salaries for instruction.....	23 94	23 94		
Total.....	\$18,000 00	\$18,000 00		
<i>Year ending June 30, 1894.</i>				
Before reported on.....	\$18,500 00	\$18,500 00		
Architecture.....	500 00	470 03	\$29 97	\$29 97
Total.....	\$19,000 00	\$18,970 03	\$29 97	\$29 97
<i>Year ending June 30, 1895.</i>				
Salaries for instruction.....	\$18,865 00	\$18,865 00		
Testing laboratory.....	135 00	\$134 48	\$0 52	\$0 52
Electrical Engineering.....	1,000 00	1,000 00		
Total.....	\$20,000 00	\$19,999 48	\$0 52	\$0 52

*Papers G and H* are bills for which appropriations are requested, if approved.

*Paper I* is a communication from Yeager & Schultz, requesting a payment of \$1,775, as due them on contract.

I must draw the attention of the Board to the fact that there will be a balance in the state appropriation of only \$580.97 to pay this account, after paying out the other contract, as estimated by the architect.

In this connection I present *Paper K*, an estimate for repairs of the roof of Engineering Hall.

Respectfully submitted,

S. W. SHATTUCK,  
*Business Agent.*

The list of warrants with vouchers was referred to the Finance Committee.

Appropriations were made as follows in accordance with recommendations of the Business Agent:

Sundry balances— <i>Paper A</i> .....	\$1,669 20
Board expenses.....	500 00
Salaries for instruction and President.....	20,000 00
Salaries for services.....	2,000 00
Buildings and grounds.....	600 00
Fuel and lights.....	2,000 00
Stationery, printing, and catalogue.....	1,500 00
Mechanical, architectural, horticultural, and military departments.....	500 00
Laboratories.....	1,000 00
Library and apparatus.....	50 00
Incidentals.....	400 00
Heating apparatus.....	500 00
Furniture and fixtures.....	300 00
Military scholarships.....	285 00
Commencement.....	200 00
Minnesota lands.....	100 00
Water supply.....	250 00
Total.....	\$31,854 20



An appropriation of \$100 was made to be used as might be needed in making repairs on the roof of Engineering Hall.

The Committee on Buildings and Grounds was instructed to cause some modification of the window sills in the third story of Engineering Hall, so as to prevent the rain drip from defacing and injuring the building.

The Board adjourned.

N. W. GRAHAM,

*President.*

W. L. PILLSBURY,

*Secretary.*