

REPORT  
OF THE  
STATE UNIVERSITY  
OF IOWA.

---

OCTOBER 15, 1897.

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PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

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1897.

STATE UNIVERSITY OF IOWA, }  
SECRETARY'S OFFICE. }

*To His Excellency, Francis M. Drake, Governor of Iowa:*

SIR—I have the honor herewith to submit to you the biennial report of the board of regents of the State University of Iowa for the years 1895-6 and 1896-7, as provided by law—Code, section 2641.      Very respectfully,

WM. J. HADDOCK,  
*Secretary of the Board, etc.*

IOWA CITY, Iowa, October 15, 1897.

## REPORT.

*To His Excellency, Francis M. Drake, Governor of Iowa:*

In compliance with law, the board of regents of the State University begs leave to submit the following report for the biennial period ending June 30, 1897.

We also submit, as a part hereof, the reports of the secretary and treasurer of the board, and of the president of the University, showing as they do in detail the condition and work of the University, with the amount and disposition of all funds received and expended under direction of the board of regents, as also the list of professors, instructors and officers.

An inspection of these reports will show in detail the financial resources and expenditures, and will answer many questions regarding the present condition and work of the University in its several departments.

### ONE-TENTH MILL TAX.

The board feels, however, that there is due from it a more detailed statement of its disposal of the proceeds of the one-tenth mill tax voted by the Twenty-sixth General Assembly.

The income from the first year's tax under the law was devoted to the erection of a hospital for the medical department, supplying a deficiency which has oppressed and hampered the department for over twenty years. The erection of this building, now almost ready for occupancy, absorbed practically \$44,000 of the \$55,000 available. The remaining \$11,000 will be consumed by the equipment of the hospital and the erection of a steam heating plant upon the hospital grounds, now in course of erection, which will be of sufficient capacity when completed to heat not only the medical hospital, but also the chemical building and the homœopathic building and hospital, which are now heated by separate and independent plants.

The plant will also be sufficient to heat any other building which may yet be erected upon the same grounds, thus making a material saving in fuel, repairs and wages, and also reducing the chance of loss by fire.

We have thus, for the money already expended or contracted for, an isolated heating plant, not only sufficient for the present, but capable of heating all the buildings situated, or likely to be situated, within reach of it, and a hospital which we believe is the best in this state, and which, when completed, will be the equal for actual use of any in this country, a model hospital in every particular, and which, viewed simply from a business standpoint, should bring to the medical department enough additional students to make it not only self-supporting, as it practically now is, but a source of income to the University.

This long-needed addition to the facilities of our professional departments having been provided, it was the unanimous opinion of the board that our next expenditure should be directed to the relief of the collegiate department from the numerous disadvantages which have made its growth a continuous surprise and a continuous embarrassment to those upon whom fell the duty of providing room for more students and additional classes, when the facilities at command were utterly inadequate to the existing demands. With this in view, feeling that the collegiate department is, and should be, recognized as the very heart and center of the school, and that its continued well-being and advancement should be held our first and most important duty, the board has appropriated the proceeds of the next three years' tax to the erection of a collegiate building. The board has been engaged for several months in investigating the needs of the collegiate department and the probable cost of various proposed buildings, and finds that it will not be possible to construct for less than this amount a building of adequate size and proper character. The plans in view contemplate provision for an increase of 30 or 40 per cent in the attendance upon this department. Our records show that this attendance has increased fully 40 per cent since 1892-3, under most unfavorable and discouraging conditions. It will take three years to complete the building now under consideration, so that by the time it is ready for occupancy it will provide for an increase of not to exceed 20 per cent above the attendance at that time, even upon the basis of no increase in the rate of gain from increased facilities. Provision is simply being made

for the needs of the immediate future in the size of the building; and, as for the character of its construction, the board feels that, in view of the unfortunate experience of the state within the last biennial period, it would be justly condemned in planning for any construction except such as shall be practically fireproof. It is planned to use the surplus room in the collegiate building for the housing of the library in the first few years of its new and gradual growth. This can, however, only be for a short time and for a small number of books, and the necessity of immediate provision for a new fireproof library building is strongly urged.

This leaves the proceeds of one year's tax still unappropriated. This tax will become available in 1901. In view of the fact that this is four years in the future, and of the further fact that there is great doubt as to the actual amount which will be realized from the tax, owing to the change in the assessment laws, the board has not deemed it desirable to make any definite appropriation of this amount, whatever it may be. It is, however, recognized that the erection of the new collegiate building will necessitate a reformation of the heating plant upon the west campus which will include the building of a new boiler-house and the construction of a considerable length of new tunnel, as the present battery of boilers will have reached the end of its usefulness by that time, and is now taxed to its full capacity in heating the seven buildings already dependent upon it, while the size and location of the building in which it is now situated render it impossible for any extension of the present plant to be made. It will, at any rate, be utterly worn out in three years, and the provision of a new building and new boilers to replace it will consume from \$10,000 to \$15,000 of the last year's tax.

To sum up, the disposition made by the board of the one-tenth mill tax, \$55,000 has been spent for hospital and heating plant on the east campus, \$165,000 has been definitely appropriated for the erection of a collegiate building, and \$15,000 of the remainder will be needed for the erection of a new heating plant upon the west campus.

#### INCREASE OF ATTENDANCE.

It is particularly gratifying to the board to be able to report a substantial increase of the attendance in every department of the University. In those departments in which the increase does not seem to be proportionately as large as in others, it will

be found that the reason lies in the fact that either the requirements for admission or the requirements for graduation have been increased in following out the consistent policy of the board, and the various faculties, of making our different courses equal to any to be found elsewhere, so far as the requirements of our statutes render it possible. We refer to the president's report for a detailed statement of the attendance of the various departments, compared with that of previous years, and direct particular attention to the continued increase in the attendance in the collegiate department as demonstrating the absolute necessity of an increase in the permanent appropriation for support. Our professional departments are practically self-supporting. We simply provide them with space and with material for their teaching, and each student repays in fees practically the cost of what he receives. The situation of the collegiate department is utterly different. The student is not expected to pay for what he gets. The deliberate purpose of the state in establishing the college was to give much, all it felt able to give, and to take little, as little as it could. The state proposes to pay the difference between the small sum which the student pays and the many times greater sum which his instruction costs. It is a self-evident proposition that the more students accepting the state's proposals the more money the state must pay. A substantial increase in the attendance of the collegiate department means either a substantial increase in the amount provided for general support or a woeful falling off in the quality and quantity of the instruction which we have promised to those who would enter our classes.

#### CONDITION AND GROWTH.

The number of students taught in the University, in the last two years, 1,807 in 1895-1896, and 1,331 in 1896-1897, was an increase of about 17 per cent on the preceding biennial period. At this rate of increase the number of students educated at the University should double about every twelve years. The number has actually doubled in the last eight years.

The simple statement of these facts is sufficient to show both the steady growth of our University, and its constantly-increasing needs. No better reason can be given why the board is compelled to ask every two years for additional support.

If in the next two years the attendance again increases from 17 to 25 per cent, as it ought to do, and surely will under anything like favorable conditions, there will be a like need for increased income to provide the increased facilities.

If anyone asks whether this continuous growth is necessary or desirable, let him study the conditions of university growth in all the adjoining states and compare them with Iowa, with her magnificent public schools, her unapproachable soil and climate, her inexhaustible financial and industrial resources, and her unsurpassed population, and then answer for himself the question whether or not our University ought to be kept in inferior rank for want of adequate support.

The increase in the attendance renders an additional annual appropriation of at least \$15,000 absolutely imperative, simply to maintain our present standard and give the students of next year just what was given to the students of this year, leaving progress and growth along new lines out of the question.

#### A FIRE CALAMITY.

For many years the board has called attention, in its reports, to the danger of the destruction of our library by fire, and the necessity of providing safe quarters for the large and constantly increasing number of valuable books so indispensable to the work of the school. Its worst fears were realized upon the 19th of June, 1897, when the general library of the University was almost totally destroyed by fire, originating from lightning. The fire was discovered at 4 o'clock in the morning, and before efficient help could be summoned practically all the books in the general library were ruined by either fire or water. The entire roof of the building fell in a blazing mass to the floor of the library and reading-room, consuming not only the books, but all the shelves, card indexes, and furnishings of every kind, burning through in many places and subjecting the delicate instruments of the physical laboratory in the rooms below to the disastrous effects of water, steam, and falling debris of every nature.

The Talbot collection, containing many books of great rarity and high cost, and particularly valuable to students of natural history, was partially saved, owing to its situation in the library room. A few particularly valuable books were saved from the librarian's office, but like most of those in the Talbot collection, water-soaked and grimy. Isolated volumes were found among the ruins of the cases in the general library, some quite unharmed, but almost all so torn and charred and water-soaked as to make it cheaper to buy new books than to attempt to restore the old ones to such condition as would make them

available for use. The walls of the building were left standing, the floor of the second story burned through in many spots, and the first story unharmed except for the loss of plaster on ceilings and walls. It was feared that the condition of the walls was such as to render repair of the building impossible, but the building committee caused them to be examined by a competent architect, and upon his report of their safety ordered the building re-roofed and repaired throughout in such a manner as to make it available for at least temporary use until a place of security can be provided for its valuable contents elsewhere. It is now in rough but usable condition, affording shelter from the elements, but little more.

Much of the apparatus of the physical laboratory was removed hastily from the building during the fire and without the care necessary in handling such delicate machinery. Some damage was done in this way, but more by falling plaster and all-pervading moisture. It has since been replaced in the rooms formerly occupied with little actual loss of apparatus, but at considerable expense for repairs and adjustment.

The loss from fire can be summarized as follows:

*First.*—Upon building, \$3,000, with probably \$250 or \$300 yet to be added for repairs to heating and lighting apparatus, piping for steam and gas, and radiators and gas fixtures.

*Second.*—The amount expended in caring for books and apparatus saved in damaged condition, which includes repair and readjustment of apparatus in physical laboratory, \$2,000.

*Third.*—The amount necessary to refurnish the library and reading-room with book-shelves, tables, chairs, and the proper cabinets and cases for card catalogues and indexes, \$1,000.

*Fourth.*—The loss upon books, \$76,000.

The report of the librarian shows that there were destroyed 23,227 books in the general library, and 1,500 books in the Talbot collection. The secretary of the board has gone through the bills of books purchased during the last ten years, and finds that the average cost per volume has been practically \$3, making the loss in the general library \$69,681. The books of the Talbot collection average much higher in price, making the loss here not less than \$6,000, a total loss of \$75,681. This does not take into account the loss of the valuable collection of pamphlets, numbering 15,000.

#### PRESSING NEED FOR BOOKS.

The loss of the library left many of the chairs of the University absolutely without books, a condition which, if not remedied before the beginning of the collegiate year, meant a most serious injury to the collegiate department for the school year of 1897-98. In the absence of action on the part of the legislature at its special session of July, 1897, the board found itself confronted by the necessity of providing in some way funds for the purchase of such books as were indispensable. This provision was made in the following manner. The University has 680 acres of land, donated to it at various times by individuals. These lands are not part of the University land-grant, but can be sold at any time, and the proceeds expended for such purposes as the board may direct. In this emergency the board ordered the sale of these gift lands at not less than appraised value, and directed the issuance of warrants against the funds thus to be provided, the proceeds of the warrants to be devoted to the purchase of the necessary books. It has not been possible to sell these lands, and they still stand in pledge for the payment of the warrants issued against their sale to the amount of \$6,500. The present is not a favorable time to sell lands, and the board earnestly hopes that it may be relieved from the necessity of sacrificing these gift lands by the appropriation of a sum sufficient to take up the warrants in question.

As shown above the necessities arising from the library fire are as follows:

The appropriation of \$3,300 for the repair of library building; of \$2,000 for expense in saving and caring for books and physical apparatus; of \$1,000 for refitting library and reading room; of \$6,500 to take up warrants issued against the gift lands, and of not less than \$75,000 for the purchase of books to replace those burned.

The appropriations for the first four items above, aggregating \$13,100, should be made available at the earliest possible time, but that for the purchase of books can be extended over a term of, say five years, making \$15,000 available each year. The board cannot handle more than \$15,000 worth of books each year, and have them properly registered, indexed, and catalogued by the present force of the library in addition to its ordinary work. It also recognizes the necessity which will confront the legislature of keeping down the total of appropriations, and therefore asks not the appropriation of \$75,000 for

immediate expenditure, but for an appropriation of \$15,000 per annum for the next five years. This will simply place the University in June, 1903, where it stood as to library facilities in June, 1897, providing neither for the increased demands upon the library in the meantime, nor for the proper protection of the library from such a disaster as has just overwhelmed it. The board has, in report after report, dwelt upon the necessity of a fireproof building for the library and museum. The present situation is the result of the continued refusals to provide one, and the board feels that no representations which it could make, no arguments which it could bring to bear, could make more evident the folly of persisting in the policy of the past. Provision can be made, two or three years hence, for the temporary protection of the library in the collegiate building, but the quarters which can be afforded it here are limited and inconvenient. Provision should be made for the commencement of a fireproof library building immediately upon the completion of the collegiate building, if not before.

#### COLLATERAL INHERITANCE TAX FOR GENERAL SUPPORT.

An extremely desirable thing in University finances would be the provision of some source of income which should yield increased returns as the state increases in population and wealth, and which should thus in some measure keep step with the constantly increasing demands upon the University. The ideal method of attaining this object would be by the imposition of a fixed tax for university purposes, such as is imposed by those western states whose universities have attained the greatest success. In the absence of a tax of this nature for support, the devoting of the proceeds of certain forms of taxation to this purpose is adopted in other states. The president of the University in his report suggests the devotion of the income from the tax upon collateral inheritances to the general support fund of the University. This being a new tax in this state, such disposal of it would not mean the diversion of funds hitherto used for other purposes, nor would it necessitate any increase in tax levy to provide the increased income to the University. The board heartily recommends that this suggestion be followed out. The income would doubtless be quite insignificant for some years, but as the state grows in wealth and population a considerable sum would doubtless accrue to the University each year from this source.

#### LAW LIBRARY.

The law library, being in a separate building, escaped destruction in the fire of June 19th. This library is, however, in great need of additional funds. Its former appropriation of \$1,250 per annum was reduced by the Twenty-fifth General Assembly to \$500, the result being that the keeping up of many sets of reports and other publications has been abandoned on account of the lack of funds. The great value of most of these series lies in their completeness, and we earnestly recommend that there be appropriated not less than \$5,000 for the law library for the next biennial period, in order that its development may be consistently and continuously carried forward.

#### REPAIR AND INCIDENTAL FUND.

The large amount of grading, sodding, and general clearing up rendered necessary by the erection of the new hospital, and the fire and consequent building operations in and about the library building, new walks needed where old ones are worn out, and where none are now laid, and above all the necessity of providing additional and better water-closets, make it impossible for the board to get along without a repair and contingent fund of at least \$10,000 for the biennial term. Some of our buildings, approaching the end of their term of usefulness, call continuously for repairs, and the continual necessity of finishing rooms in the basements and garrets, and of adjusting existing rooms to new uses, which is the consequence of our overcrowded condition, make a large expenditure for this purpose unavoidable.

The appropriation of \$1,000 per annum for university publications is asked. These include the *Natural History Bulletin*, *The Transit* (an engineering journal published by the faculty and students of that department), *The Law Bulletin*, and other publications embodying the results of independent and original research along their chosen lines by the professors of the various chairs and their advanced students. They are valuable to the University as preserving in permanent form the results of work carried on by the University in its various laboratories, and as a means of advertising the high character of the work for which we offer facilities. The amount expended is very small compared to the benefit received, and we earnestly recommend its appropriation.

The University is in receipt of an invitation from the Trans-Mississippi and International exposition to make an exhibit at

the exposition to be held at Omaha during the summer of 1898. The board believes that such an exhibit would be an extremely desirable advertisement for the University, and the different faculties would be glad to prepare creditable exhibits of the work done in their various lines. But in the absence of funds available for this purpose the board is unable to take any action in the matter. It is very desirable that the University be equally well represented with other schools of the same standing, and to that end it is requested that an appropriation of \$2,000 be made for the purpose of preparing and maintaining an exhibit at the said exposition.

To maintain the standard of the work done in the various sub-departments giving laboratory instruction, it is necessary not only to constantly provide new apparatus and additional equipment, but also to make liberal provision for the supply of materials for use in their various lines of experiment and investigation. For this purpose we recommend the following specific appropriations for the next biennial period:

|   |          |
|---|----------|
| Physical and electrical laboratory..... | \$ 2,000 |
| Zoological laboratory.....              | 2,000    |
| Geological laboratory.....              | 1,000    |
| Botanical laboratory.....               | 1,000    |
| Psychological laboratory.....           | 1,000    |
| Morphological laboratory.....           | 1,000    |
| Department political science.....       | 1,000    |

Respectfully submitted,

HENRY SABIN,  
SHIRLEY GILLILLAND,  
W. R. MONINGER,  
J. W. GARNER,  
F. W. MAHIN,  
ALONZO ABERNETHY,  
PARKER K. HOLBROOK,  
HARVEY INGHAM,  
CHARLES E. PICKETT,  
W. D. TISDALE

## PROFESSORS, INSTRUCTORS, OFFICERS, ETC.

Following is a schedule of the names of professors, officers and other employees of the University, together with salaries and pay of each for the current year:

### COLLEGIATE DEPARTMENT.

|  |          |
|--|----------|
| Amos Noyes Currier, A. M., LL. D., professor of Latin language and literature, and dean of the collegiate faculty..... | \$ 2,200 |
| Samuel Calvin, A. M., Ph. D., professor of geology.....  | 2,200    |
| Thomas Huston Macbride, A. M., professor of botany.....  | 2,200    |
| Launcelot Andrews, Ph. D., professor of chemistry.....   | 2,200    |
| George Thomas White Patrick, Ph. D., professor of philosophy.....  | 2,000    |
| Charles Bundy Wilson, A. M., professor of German language and literature, and secretary of the collegiate faculty..... | 2,000    |
| Andrew Anderson Veblen, A. M., professor of physics.....   | 2,000    |
| Laenas Gifford Weld, A. M., professor of mathematics.....  | 2,000    |
| Charles Cleveland Nutting, A. M., professor of zoology.....  | 2,000    |
| Isaac Althaus Loos, A. M., professor of political science.....   | 2,000    |
| Joseph Jasper McConnell, A. M., professor of pedagogy.....   | 2,000    |
| William Craig Wilcox, A. M., professor of history.....   | 1,800    |
| Frederic C. L. van Steenderen, A. M., professor of French language and literature.....                                 | 1,400    |
| Hanson E. Ely, first Lieutenant 17th Infantry, U. S. A., professor of military science and tactics.....                | 2,000    |
| Alfred Varley Sims, C. E., professor of civil engineering.....   | 1,800    |
| *George Armstrong Wauchope, M. A., Ph. D., professor of English language and literature.....                           | 1,800    |
| †William Peters Reeves, Ph. S., professor of English language and literature (on salary for English chair).....        | 1,300    |
| Leona Angeline Cail, A. M., assistant professor in charge of Greek language and literature.....                        | 1,300    |
| Gilbert L. Houser, M. S., assistant professor in charge of animal morphology and physiology.....                       | 1,000    |
| Charles Scott Magowan, A. M., C. E., assistant professor of civil engineering.....                                     | 1,500    |
| Bohumil Shimek, C. E., assistant professor of botany and curator of the herbarium.....                                 | 1,200    |
| Henry F. Wickman, M. S., assistant professor of zoology and assistant curator of the museum.....                       | 1,000    |
| Carl E. Seashore, Ph. D., assistant professor of philosophy.....   | 1,000    |

\* Until December 31st.

† After December 31st.

|  |        |
|--|--------|
| Pauline Kimball Partridge, instructor in elocution.....                        | \$ 300 |
| F. B. Sturm, instructor in German.....   | 900    |
| Percy H. Walker, instructor in chemistry.....                                  | 900    |
| Arthur G. Smith, A. M., assistant professor of mathematics.....                | 1,000  |
| Benjamin F. Shambaugh, A. M., Ph. D., professor of political science.....      | 1,000  |
| George Cram Cook, A. B., instructor in English.....                            | 800    |
| Franklin Hazen Potter, A. M., assistant professor in Latin.....                | 1,000  |
| George N. Bauer, B. S., instructor in mathematics.....                         | 750    |
| Harry Grant Plum, A. M., instructor in history.....                            | 800    |
| Herbert C. Dorcas, B. Ph., instructor in pedagogy.....                         | 900    |
| Charles Henry Bowman, B. Ph., instructor in physics.....                       | 800    |
| Joseph H. Ridgway, taxidermist.....  | 800    |
| Louise Elizabeth Hughes, A. M., instructor in Latin.....                       | 800    |
| Fred. D. Merritt, B. S., instructor in mathematics.....                        | 600    |
| Carl Schlenker, A. B., instructor in German.....                               | 900    |
| H. Foster Bain, M. S., Ph. D., lecturer on economic geology.....               | 100    |
| Harry Eugene Kelly, B. Ph., instructor in English.....                         | 800    |
| Della S. Hutchinson, B. Ph., instructor in French.....                         | 600    |
| Russell T. Hartman, B. S., instructor in engineering.....                      | 500    |
| Lester T. Jackson, A. B., instructor in chemistry.....                         | 300    |
| C. H. Van Law, A. B., fellow in political science.....                         | 500    |
| Alburtus J. Burge, assistant in botany.....                                    | 300    |
| M. Roberta Holmes, A. M., fellow in Latin.....                                 | 300    |
| Charles F. Lorenz, B. S., assistant in physical laboratory.....                | 300    |
| George Lyman Grimes, B. S., mechanic and assistant in physical laboratory..... | 400    |
| Thomas E. Savage, B. S., assistant in geology.....                             | 200    |
| Mary Laura Otto, B. Ph., assistant in botany.....                              | 200    |

## LAW DEPARTMENT.

|  |       |
|--|-------|
| Emlin McClain, A. M., LL. D., chancellor, and resident professor of law.....   | 3,250 |
| Samuel Hayes, M. S., LL. B., resident professor of law.....                    | 2,300 |
| James A. Rohbach, A. M., LL. B., secretary, and resident professor of law..... | 1,700 |
| John J. Ney, LL. B., resident professor of law.....                            | 1,000 |
| Edward P. Seeds, LL. B., resident professor of law.....                        | 1,500 |
| L. G. Kinne, LL. D., lecturer on law.....                                      | 200   |
| Gifford S. Robinson, LL. D., lecturer on law.....                              | 100   |
| Martin J. Wade, LL. B., lecturer on law.....                                   | 250   |
| Horace E. Deemer, LL. B., lecturer on law.....                                 | 100   |
| Leonard C. Ricard, LL. B., librarian.....                                      | 400   |
| Lecturers.....   | 100   |
| Two assistant librarians.....  | 50    |

## MEDICAL DEPARTMENT.

|   |     |
|---|-----|
| John Clinton Shrader, A. M., M. D., LL. D., professor of obstetrics, gynecology, clinical gynecology, and diseases of children..... | 950 |
| William Drummond Middleton, A. M., M. D., dean of the faculty, and professor of surgery and clinical surgery.....                   | 950 |

|   |          |
|---|----------|
| Lawrence William Littig, A. M., M. D., M. R. C. S., professor of theory and practice of medicine, and clinical medicine, and assistant to the chair of surgery..... | \$ 1,050 |
| James Renwick Guthrie, A. M., M. D., professor of physiology and associate professor of obstetrics, gynecology, and diseases of children.....                       | 1,350    |
| Elbert William Rockwood, B. S., M. D., professor of chemistry and toxicology, and secretary of the faculty.....   | 1,700    |
| James William Dalbey, B. S., M. D., professor of ophthalmology.....   | 350      |
| Charles Sumner Chase, A. M., M. D., professor of materia medica and therapeutics.....   | 950      |
| Walter Lawrence Bierling, M. D., professor of histology, pathology, and bacteriology, and curator of the medical museum.....  | 1,400    |
| John Walter Harriman, M. D., professor of anatomy.....  | 1,500    |
| Martin J. Wade, LL. B., professor of medical jurisprudence.....   | 250      |
| Charles Moore Robertson, A. M., M. D., professor of otology, rhinology and laryngology.....   | 250      |
| William Robert White, M. S., M. D., assistant professor of histology.....   | 1,000    |
| Gershon H. Hill, A. M., M. D., lecturer on insanity.....  | 150      |
| Frank Thomas Broome, D. D. S., M. D., lecturer on dentistry.....  | 100      |
| Emil Louis Boerner, Ph. D., instructor in pharmacy.....   | 800      |
| William Edward Barlow, B. A., demonstrator of chemistry.....  | 700      |
| Wilber John Teeters, B. S., Ph. C., demonstrator of chemistry.....  | 600      |
| Lee Wallace Dean, M. S., M. D., demonstrator of anatomy.....  | 175      |
| John T. McClintock, A. B., demonstrator of pathology and bacteriology.....  | 20       |
| Assistant medical librarian.....  | 15       |
| Assistant demonstrator.....   | 20       |
| Two assistants to chair of anatomy.....   | 20       |

## HOMOEOPATHIC MEDICAL DEPARTMENT.

|   |       |
|---|-------|
| Wilmet H. Dickinson, M. D., professor of theory and practice and clinical medicine, and dean of the faculty.....  | 1,000 |
| James G. Glichrist, A. M., M. D., professor of surgery and surgical gynecology, and registrar of the faculty..... | 1,200 |
| Charles H. Cogswell, M. D., professor of obstetrics and diseases of women.....                                    | 535   |
| George Hoyal, M. D., professor of materia medica and therapeutics.....  | 950   |
| Frank J. Newberry, M. S., M. D., O. et A. Chir., professor of ophthalmology, otology and pedology.....            | 600   |
| Raymond E. Peck, M. D., house surgeon.....  | 100   |
| Theodore L. Hazard, M. D., assistant to the chair of materia medica.....  | 100   |
| Fred J. Becker, M. D., assistant to the chair of surgery.....   | 100   |
| Samuel N. Watson, A. M., M. D., assistant to the chair of theory and practice.....                                | 100   |
| Ralph W. Homan, M. D., assistant to the chair of ophthalmology, etc.....  | 100   |
| Adele P. Kimball, M. D., matron.....  | 100   |
| Leora Johnson, M. D., clinical assistant to the chair of surgery.....   | 100   |

## DENTAL DEPARTMENT.

|   |          |
|---|----------|
| F. T. Breese, M. D., D. D. S., professor of operative dentistry and therapeutics .....  | \$ 1,400 |
| William S. Hosford, A. B., D. D. S., professor of prosthetic dentistry and crown and bridge work, superintendent of clinics, and secretary of the faculty ..... | 1,700    |
| W. H. DeFord, A. M., M. D., D. D. S., professor of oral pathology and hygiene .....   | 1,000    |
| A. E. Rogers, D. D. S., lecturer on dental anatomy .....  | 1,250    |
| R. W. Baldwin, D. D. S., lecturer on regional anatomy .....   | 1,250    |
| Helen Baschnagel, clerk .....   | 350      |
| C. B. Lewis, D. D. S., demonstrator of dental technology .....  | 360      |
| F. B. James, D. D. S., demonstrator of dental technology .....  | 360      |
| J. E. Floener, D. D. S., lecturer on orthodontia .....  | 300      |
| Charles Cleveland Nutting, A. M., lecturer on comparative odontology .....  | 50       |
| Special lecturers .....   | 500      |

## PHARMACY DEPARTMENT.

|   |       |
|---|-------|
| Emil L. Boerner, Ph. G., Ph. D., professor of pharmacy, director of the pharmaceutical laboratory and dean of the faculty ..... | 2,000 |
| Georgia Knapp, Ph. G., assistant in pharmaceutical laboratory .....   | 300   |
| Lula Beall Jester, Ph. G., assistant in pharmaceutical laboratory .....   | 300   |
| Charles S. Chase, A. M., M. D., professor of materia medica .....   | 100   |
| Thomas H. Macbride, A. M., professor of pharmacognosy and director of microscopical laboratory .....                            | 300   |
| Clerical help vacation .....  | 100   |

## OFFICERS, LIBRARIANS AND ASSISTANTS.

|  |       |
|--|-------|
| Charles A. Schaeffer, A. M., Ph. D., LL. D., president ..... | 5,000 |
| William J. Haddock, secretary .....                          | 2,000 |
| J. W. Rich, librarian .....                                  | 1,500 |
| Lovell Swisher, treasurer .....                              | 800   |
| Emma Haddock, assistant secretary .....                      | 600   |
| Allie B. Chase, stenographer .....                           | 325   |
| Bertha G. Ridgway, assistant librarian .....                 | 600   |
| Metta Loomis, second assistant librarian .....               | 360   |

## JANITORS, ETC.

|   |    |
|---|----|
| George Tomlin, general janitor, per month .....                       | 40 |
| William Green, medical janitor, per month .....                       | 40 |
| James Klema, fireman chemical building, etc., per month .....         | 35 |
| John Carville, science hall janitor, per month .....                  | 30 |
| E. A. Spraker, dental custodian and janitor, per month .....          | 40 |
| Ellen Hennessey, dental sweeper, per month .....                      | 20 |
| John C. Miller, chemical building janitor, per month .....            | 30 |
| Kate Katzenmayer, chemical building sweeper, per month .....          | 20 |
| Mary Churchill, sweeper, per month .....                              | 17 |
| Lydia A. Rogers, sweeper, per month .....                             | 17 |
| Jessie Cunningham, sweeper, per month .....                           | 17 |
| Robert J. Stonebreaker, homeopathic hospital janitor, per month ..... | 20 |

|  |       |
|--|-------|
| James F. Miller, philosophical building janitor, per month ..... | \$ 20 |
| Honorah O'Connell, pathological janitor, per month .....         | 15    |
| William Barry, general fireman and laborer (see note) .....      | 30    |
| ———, assistant fireman, when needed, per month .....             | 30    |
| William Matthes, night fireman, per month .....                  | 36    |
| James Barry, watchman, per week .....                            | 9     |

NOTE.—The scrubbing woman, when extra scrubbing is required, are paid \$1 for ten hours' work. The general fireman for main building receives \$1.75 per day for twelve hours, and a less sum for fewer hours. Laborers, when required, are paid the usual wages for similar work.

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REPORT OF THE PRESIDENT.

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# REPORT OF THE PRESIDENT.

STATE UNIVERSITY OF IOWA, }  
October 1, 1897. }

To the Honorable, the Board of Regents:

GENTLEMEN—I have the honor to submit herewith my biennial report for the period from June 30, 1895, to June 30, 1897. The number of students in attendance is shown in the following table, the enrollment of 1894-5 being given for the purpose of comparison:

## SUMMARY OF ENROLLMENT.

| CLASSES.                                | 1894-5. | 1895-6. | 1896-7. |
|---|---------|---------|---------|
| <i>Collegiate Department—</i>           |         |         |         |
| Graduate students.....                  | 59      | 75      | 98      |
| Seniors.....                            | 71      | 62      | 83      |
| Juniors.....                            | 63      | 84      | 82      |
| Sophomores.....                         | 104     | 91      | 133     |
| Freshmen.....                           | 158     | 202     | 206     |
| Special students.....                   | 35      | 58      | 42      |
| Total.....                              | 490     | 572     | 644     |
| <i>Law Department—</i>                  |         |         |         |
| Seniors.....                            | 76      | 109     | 87      |
| Juniors.....                            | 136     | 109     | 128     |
| Total.....                              | 214     | 218     | 215     |
| <i>Medical Department—</i>              |         |         |         |
| Graduate students.....                  |         |         | 1       |
| Seniors.....                            | 43      | 46      | 65      |
| Juniors.....                            | 62      | 81      | 73      |
| Sophomores.....                         |         |         | 2       |
| Freshmen.....                           | 84      | 75      | 69      |
| Special students.....                   | 2       |         | 4       |
| Total.....                              | 191     | 202     | 214     |
| <i>Homoeopathic Medical Department—</i> |         |         |         |
| Graduate students.....                  | 3       | 6       | 2       |
| Seniors.....                            | 17      | 19      | 18      |
| Juniors.....                            | 22      | 23      | 9       |

## SUMMARY OF ENROLLMENT—CONTINUED.

| CLASSES.                            | 1894-5. | 1895-6. | 1896-7. |
|-------------------------------------|---------|---------|---------|
| Sophomores.....                     |         | 10      | 15      |
| Freshmen.....                       | 28      | 21      | 25      |
| Pre-matriculates.....               | 1       |         |         |
| Total.....                          | 71      | 79      | 69      |
| <i>Dental Department—</i>           |         |         |         |
| Seniors.....                        | 26      | 35      | 38      |
| Juniors.....                        | 44      | 51      | 92      |
| Freshmen.....                       | 79      | 129     | 57      |
| Spring term.....                    | 14      |         |         |
| Total.....                          | 163     | 215     | 187     |
| <i>Pharmacy Department—</i>         |         |         |         |
| Seniors.....                        | 8       | 18      | 19      |
| Juniors.....                        | 59      | 64      | 43      |
| Total.....                          | 67      | 82      | 62      |
| Grand total.....                    | 1,196   | 1,368   | 1,391   |
| Deduct for names counted twice..... | 62      | 61      | 57      |
| Total number of students.....       | 1,134   | 1,307   | 1,334   |

## DEGREES CONFERRED.

| CLASSES.                                | 1894-5. | 1895-6. | 1896-7. |
|---|---------|---------|---------|
| <i>Collegiate Department—</i>           |         |         |         |
| Bachelor of Arts.....                   | 10      | 10      | 15      |
| Bachelor of Philosophy.....             | 45      | 28      | 44      |
| Bachelor of Science.....                | 14      | 16      | 19      |
| Civil Engineer.....                     | 1       |         |         |
| Master of Arts.....                     | 3       | 7       | 6       |
| Master of Science.....                  | 4       | 1       | 2       |
| Total.....                              | 77      | 62      | 86      |
| <i>Law Department—</i>                  |         |         |         |
| Bachelor of Laws.....                   | 71      | 105     | 83      |
| <i>Medical Department—</i>              |         |         |         |
| Doctor of Medicine.....                 | 43      | 43      | 60      |
| <i>Homoeopathic Medical Department—</i> |         |         |         |
| Doctor of Medicine.....                 | 16      | 19      | 16      |
| <i>Dental Department—</i>               |         |         |         |
| Doctor of Dental Surgery.....           | 25      | 33      | 34      |
| <i>Pharmacy Department—</i>             |         |         |         |
| Graduate in Pharmacy.....               | 2       | 16      | 11      |
| Total.....                              | 234     | 278     | 290     |

Copies of the annual catalogues for 1895-6 and 1896-7 are herewith submitted, in which are exhibited the different courses of study pursued, the branches taught, the means and methods of instruction adopted, and the number of students, with their names, courses and residences.

The record of the past two years is one of which the board has good reason to be proud. In spite of the financial depression, the effects of which have been keenly felt in the north central states, the University has made steady progress in the number of students, in the strength and efficiency of its corps of instructors, in its material equipment, and in the thoroughness and improved standard of its courses of study. The high schools of the state are doing better work than formerly, and their graduates are entering our freshman class with much better preparation; and we are consequently enabled to do far better work with them than was formerly the case. The standard for admission to the two medical departments has been raised, so that only graduates of the high schools, or such as have had an equivalent amount of preparatory work, may be admitted. And this step, without diminishing the attendance in those departments, has had a most beneficial influence on the quality of the entering classes. At the same time the standard required for admission to the dental department has also been raised; though not as yet to the same amount as in the two medical departments. In another year or two, however, it is proposed to bring the dental department up to the same plane in the matter of its requirements for admission. In the two medical departments, the four years' course has been begun, and the course itself has been made two weeks longer than formerly; while in the dental department the course has been extended from six months to nine months each year.

The natural history museum has continued to grow at as rapid a rate as it has maintained for the past ten years. It has long since outgrown its present quarters, and until a new building for its reception and safe-keeping is provided, very little more in the way of its extension can be accomplished.

Two years ago the biological laboratory was placed on an independent footing, and since then its development has been most satisfactory. Although occupying one-half of the first floor of the science building, it is already seriously cramped for room, and more assistance is needed for the work of instruction. The number of students at present working in that subject is fifty-nine; but, on account of the lack of accommodations,

it was found necessary to refuse more than twenty others who applied for admission at the beginning of the current term.

The subdivision of the work in geology and biology has also enabled the professor of geology to materially expand the work in his department, resulting in a decided increase in interest in that subject, as manifested by the students in science. But a still farther extension is urgently needed, and I beg leave to repeat what I have already reported to you, that it is highly desirable that as soon as possible a professorship of mineralogy and lithology be established. We are not giving the instruction in this direction that may justly be expected of a well equipped university, and it is sincerely hoped that we may be able to repair this deficiency at an early day.

The very marked interest in the study of political science and political economy has necessitated a considerable expansion in that department, requiring the services of two full professors and an instructor where three years ago the whole work was easily done by a single professor. So great, in fact, is the demand for instruction in the various topics of political and social science that were our instructing-force doubled, or even trebled, I am confident that such a move would result in a large increase in the number of students, and that the increased force of instructors would be just as actively employed as are those who are at present thus engaged.

In consideration of the numerous political and social heresies and absurdities which have from time to time swept over our land, and which have done so much to retard the growth and development of the nation, it would seem that one of the highest duties of a state university, in preparing for citizenship the youth committed to its care, should be to infuse into them right ideas in this direction. It should teach them how to discriminate between the true and the false; it should show them the financial and sociological mistakes of our own and of other nations; and it should instruct them how to avoid the dangers of the false doctrines which have from time to time captured the popular fancy. In short, a school of history and political science, in all its bearings, is to my mind one of the things which every state university should provide, and I earnestly hope that Iowa will be so provided at no distant day. And, in the meanwhile, I bespeak your especial care for the work which is already in hand, trusting that, as the way may be opened to you, you will continue to strengthen the work in this department as far as the means at your disposal will permit.

As concerns the work of the law department I must again call your attention to the great need of more room. The reading-room and library are altogether too small to accommodate the students in attendance, and there is only one room available for all the lectures and recitations. No further growth of the department can be expected until it is provided with more ample quarters. In order to advance the standard of legal education and to put our own department on the same plane with the best schools of the country, it is earnestly recommended by the faculty that as soon as possible the required course be extended to three years, and this measure is heartily indorsed by the bar association of Iowa. But clearly this cannot be done until the law of the state, which requires only two years of study, shall be amended. With the co-operation of the members of the bar it is hoped that this increase in the requirements can soon be brought about, when the change in the length of the course can be made without disaster to the department.

The pharmacy department is the one department of the University which has shown a decided diminution in numbers. What the causes of this may be it is difficult to indicate, but it probably is the result of several forces which have tended in that direction. The tuition fees in this department have until the present year been higher than in any other, and it may be that the severity of the times has had something to do with the diminished attendance, many who would have otherwise attended being compelled to earn their living in drug stores. Or, it may be that the requirements of the state pharmacy board are not sufficiently high to induce young men to take a thorough course in pharmacy, as large numbers are able to pass the examination of the board after the required term of experience in a pharmacy. But in either case the revival of industry will certainly have a beneficial influence on the attendance by another year.

That the benefits of a university education may be brought within the reach of as many as possible I respectfully recommend the adoption of the plan of county scholarships at present in force in New York and Illinois. In accordance with this plan examinations are held in each county of the state by the county superintendent of schools. The state superintendent, aided by the president of the University, has general charge of the examination, and the candidate who passes the best examination on the subjects required for admission to the University,

or on any part thereof, as previously announced, is awarded a free scholarship for the four years of his course. This University is certainly growing more and more each year in the affections and esteem of the people of the state, but it seems to me that the adoption of this scheme, of which I have merely sketched the outlines, would go a great way towards establishing it on a still firmer foundation. If in your opinion the suggestion seems wise and feasible I trust that your legislative committee may be authorized to draft a bill for introduction at the session of the Twenty-seventh General Assembly.

The first fruits of the one-tenth mill tax which was voted by the Twenty-sixth General Assembly to the University for the erection of buildings are seen in the new hospital of the medical department. This handsome building, which will be completed and ready for use about January 1, 1898, is a valuable acquisition for the department, and will undoubtedly enable it to develop its clinical facilities to a much greater extent than has hitherto been possible. Some misunderstanding as to the use of this hospital seems to have arisen, but since the publication of the rules for the government of the hospital, adopted at your meeting in June last, wherein it is shown that the hospital is to be open to all reputable practitioners in the state who may wish to make use of it for their patients, no further complaints have been heard.

The loss occasioned by the burning of the general library in June last is one which should be made good at the earliest possible moment. All of our other facilities will not suffice unless a large number of books are speedily provided. And for the proper preservation of the books a fireproof building is absolutely necessary. A building such as this University needs can not be constructed for less than \$150,000. And it must be borne in mind that, desirable as such a building is, it must not be allowed to take the precedence of the collegiate building to which, as was decided at your last meeting, the next three years' income of the state tax are to be devoted. In order to do good work, to make the best use of the time both of faculty and students, a liberal appropriation for books is essential, and at the same time the library should not again be exposed to the danger of fire. But on the other hand we cannot delay the erection of the collegiate building. There are more students to-day in the collegiate department than there were in all six departments ten years ago. The only increase in the accommodations

for the department since that time consists in the removal of the chemical work to the new laboratory and the transfer of the work in philosophy and in pedagogy to the small building formerly occupied by the homoeopathic medical department. In addition to the foregoing we are now renting for chapel purposes and for special lectures the large assembly room in the Y. M. C. A. building, as also four smaller rooms used as recitation-rooms. The armory has been converted into a temporary recitation-room, very greatly to the inconvenience of the military department. Each year one, two, or three additional recitation-rooms are required in consequence of the necessary subdivision of unwieldy sections. At the opening of the current term one more room was obtained in the Y. M. C. A. building, but that is positively the last that can be found anywhere in the neighborhood. Should more rooms be necessary next September, the only way out of the difficulty will be to hire a private house; and available houses are not by any means abundant. To sum up: with steadily growing classes in the collegiate department we have reached the limit of our capacity, and it will be two or three years before additional accommodations can be provided, and in the meantime it probably will be necessary to refuse admission to many worthy candidates. Under the circumstances, notwithstanding the great importance of the library and its fireproof building, I respectfully submit that nothing should be allowed to interfere with your plan of erecting the collegiate building at once, and that an earnest appeal be made to the Twenty-seventh General Assembly for means wherewith to provide for the library.

But the one matter of vital importance which must be brought to the attention of the general assembly is the absolute impossibility of successfully carrying on the work of this University unless a considerable increase of revenue is provided. The superintendent of public instruction reports that in Iowa \$24.50 is expended for each pupil in the public schools. But it is the universal experience that the higher the grade of instruction the greater the necessary cost. More teachers, more room, more apparatus, more books, require a much greater outlay than in the public schools. Ten years ago the cost at this University per student, per annum, was \$135. Since then the number of students has more than doubled, and although the income has also increased, the rate of increase has not kept pace with the growth in numbers, for during the last year

covered by this report the expenditure per student was reduced to \$110. At the University of Michigan the present cost per annum is just about what ours was ten years ago; at the University of Wisconsin it is about \$250; at Harvard, over \$300; at Columbia, over \$400. Now, whilst we are perfectly willing and even anxious to practice every reasonable economy, and have in fact constantly done so, nevertheless, there is a limit beyond which that operation cannot safely be pushed. An individual may for a limited time live on short rations, but if such a course is persisted in too long the inevitable result is derangement and ultimate cessation of the vital functions, and so it is with an institution whose object is the higher education of the youth. Professors may for a time be willing to do work for which assistants should be employed at lower wages; they may make shift to get along without needed apparatus or books; buildings may last a long while without the necessary repairs; the university grounds may be neglected, but sooner or later there must come a time when the conviction is forced upon the students that they are not supplied with the facilities which those at other institutions are enjoying, and very quickly they will be found flocking to other places. To avoid such a result, to prevent the discrediting of this University in the eyes of all enlightened and educated people, I respectfully submit that an increase of its annual income for current expenses to the extent of at least 50 per cent over the present amount is absolutely necessary, or it cannot continue to do the work which the people of the state have the right to expect of it.

Inasmuch as the year just passed completes the period of ten years since I first assumed the duties of my office, I may be pardoned for reminding you of some of the changes that have taken place in that time.

In the first place not a single member of the board of regents of that time is to be found on the board of to-day; in this respect an entire change has been made.

In 1887 the total number of students was 571; in 1897 it was 1,334. In 1897 the collegiate students alone (644) outnumbered the students of all departments in 1887. Then the number of instructors of all grades was 48; it is now 101.

In the year 1886-87 the income from fees and tuition was \$17,768.23; in 1896-97 it amounted to \$54,783.61. Ten years ago the total income was \$95,254.11; it has now grown to \$146,799.59.

But the rate of improvement in equipment has been even

greater than the increase in the number of students and instructors. And this is especially true in the various laboratories of the University. In 1887 the chemical laboratory consisted of a small room with tables for sixteen students; the laboratory for biology and physiology, and the botanical laboratory, were both scantily equipped. And these three were all that were provided for the collegiate department, there being no physical laboratory whatever. In the medical department there was a small chemical laboratory, but the work therein was not required. The pharmacy laboratory at that time was located in the basement of the medical building, and was capable of accommodating only about twenty-five students.

At the present time there are to be found in the chemical laboratory each year about four hundred students; the pharmacy laboratory is sufficiently ample and well equipped to accommodate the department for years to come; the physical laboratory is well provided with apparatus; and there have been added to the list laboratories for practical work in geology, in histology, in bacteriology and pathology, in psychology, in zoology, and in engineering, and excellent work is being done in all of them.

Considering the limited amount of funds available for the purchase of books the growth of the library is remarkable. Ten years ago the University possessed about 18,000 volumes. In 1897 the number had increased to 43,000, a gain of 25,000. But unfortunately the fire of June 19th destroyed just about the number that had been gained, so that we are now, so far as regards the number of volumes, just about where we were ten years ago.

In 1887 the natural history museum was in its infancy, the collections being small and incomplete. So rapid has been the growth in this direction that for the past two or three years it has been scarcely possible to display any additional specimens, and a large amount of material that has been received has been necessarily consigned to either the cellar or the garret, to await the day when more ample quarters may be provided.

In the year 1887 there were offered to the students of the collegiate department 113 courses of study, each extending through a single term. During the year just closed there were given, on the same basis, 237. But this statement does not give a fair idea of the many new subjects which have been

added to the curriculum since the comparison is made on the basis of full studies; that is, five hours each week for one term. As at present there are many courses of one, two or three hours per week it follows that the number of separate courses is really much larger than the figure last mentioned.

A notable improvement in the method of work is seen in the introduction of the seminary, which has been adopted by all of the chairs in the collegiate department not provided with laboratories. The beneficial effects of this method on the upper classmen, in stimulating them in the direction of original work, are readily observable, and the standard of scholarship in the department has been materially elevated thereby.

The past ten years have also witnessed some valuable contributions to science and literature on the part of a considerable number of the members of the faculty. Not to mention the large number of contributions which they have furnished to a variety of magazines and periodicals, nor the books which they have written, the University has wisely adopted the policy of issuing from time to time a series of publications, each of which has taken a high rank in its particular field, such as the Historical Monographs, the Natural History Bulletin, the Law Bulletin, Studies from the Psychological Laboratory, and the Bulletin of the Homeopathic Medical Department.

In the law department a marked increase in efficiency has been brought about by the substitution of resident professors for nonresident lecturers for the main work of the course. Ten years ago we had but two resident professors; we now have four who give their entire time to the work of the institution. The very considerable growth of the law library is also well worthy of mention.

In the medical and homœopathic medical departments a very great development has taken place. In 1887 it was possible for a student to enter with very moderate educational attainments and to be graduated as a doctor of medicine after two courses of five months each. To be sure, a third course of the same length was open to the candidate, but it was not required. Since then the requirements have been from time to time increased so that the course now consists of four years of six months, and at the same time candidates for admission must have completed a high school course or pass an examination on equivalent studies. Furthermore, the curriculum has been greatly enriched and expanded by the addition of new courses

of instruction, not previously given, and more especially by the establishing of the laboratories for practical instruction in histology, in bacteriology, in pathology, and in physiology. The work done in the chemical laboratory is much more extended, and far more thorough than formerly and the same may also be said of the various clinics of the two departments.

Ten years ago the homœopathic medical department had no hospital whatever. To-day it has under its control a well equipped hospital sufficient to accommodate from forty to fifty patients, and is thus enabled to give its students the benefit of the practical experience to be gained therein.

The hospital facilities of the medical department have never been entirely satisfactory to the faculty, but the new hospital now in course of erection, and which will probably be ready for occupancy about January 1, 1898, will put the department on a firm footing and assist very materially in its legitimate work. A hospital is the one laboratory which is absolutely necessary to the efficiency of a medical school, without which its whole course of instruction must have but little practical effect. To have finally secured a commodious, modern hospital, complete in all its appointments, after so many years of patient waiting, is something on which the faculty of the department may be most heartily congratulated.

In 1887 the course of instruction in the dental department extended over two years of five months each, while the educational standard required of candidates for admission was very low. The equipment was meager, the quarters assigned were inconvenient and cramped and the clinics decidedly restricted. At the present time we find the course extended to three years of nine months each, whilst the requirements for admission have steadily been raised so that now one year's high school course is required, this to be followed in '98 by two years, and in '99 by three years. The department is now supplied with a special building well adapted to the purposes for which it was designed, the equipment is ample, and the clinics are patronized by several thousand patients each year.

In the ten years under review four new buildings have been erected, namely, the chemical laboratory, the dental building, the homœopathic building and hospital, and the medical hospital now almost completed; all of these at a cost to the state of less than \$150,000. And to this list may fairly be added Close

hall, the home of the Y. M. and Y. W. C. A., since this building, erected by private subscription, though not the property of the University, nevertheless serves a useful and valuable purpose in the life of the students of all departments.

The grounds devoted to university purposes have in the same time been doubled in extent by the acquisition of the athletic park, comprising about ten acres, and by the gift of the park by the city. And this gain has also come to us without any expense on the part of the state.

The University sent forth its first graduate in 1858. In June, 1887, the total number of graduates was 2,643; in 1897 it had grown to 4,752.

But undoubtedly the greatest gain which the University has made in the past decade has been in the remarkable growth of loyalty and devotion on the part of its students and alumni and in the ever increasing interest in its doings and its progress on the part of the people of the state, upon whom it must always depend for its support. In many ways it has recently been made evident that it has won a warm place in the affections of students and alumni, and as a natural result the state at large has come to its assistance in a far more substantial manner than ever before. Let us be thankful for this most fortunate turn in our affairs and so continue to discharge the duties committed to our care that we may ever merit a continuance of this confidence.

Very respectfully submitted,

CHARLES A. SCHAEFFER.

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## REPORT OF THE SECRETARY.

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## REPORT OF THE SECRETARY.

STATE UNIVERSITY OF IOWA, }  
SECRETARY'S OFFICE, }  
IOWA CITY, IOWA, October 1, 1897. }

### *To the Board of Regents:*

Herewith is respectfully submitted a financial statement of the incomes and expenditures of the University for the biennial period from the close of the school year of 1894-5 to the close of the school year 1896-7.

The statement shows incomes and expenditures by departments as nearly as can be conveniently done.

The incomes and expenditures for general purposes are shown separately from the appropriations made by the general assembly for special purposes.

The balance shown by this statement differs from that shown by the treasurer, for the reason that warrants drawn and unpaid are treated, for the purpose of this statement, as paid, so as to show available funds for future expenditures.

Again, some items, such as tuitions and fees, collected by the secretary and paid to the treasurer, after the time of filing the treasurer's report, will appear in his next annual report, although the items were part of the previous year's work. The secretary's accounts show the exact sum pertaining to each school year, including such sums as are paid after the treasurer's report is closed. But as to the aggregate sums, there is no difference whatever.

### EXPENSES BY DEPARTMENTS.

In dividing up the annual expenditures and charging each department with its proper amount of the same, the showing is as nearly correct as it can well be made. Some items seem to be fairly chargeable to a particular department as running expenses, when in fact a part thereof is in the nature of a plant

expenses are set out in the annexed report under the head of "Miscellaneous." There is no very correct mode of distributing these expenditures among the departments except on a per capita basis, and that is not quite correct either, as some of the departments are more directly interested in such expenditure than others.

If we adopt the per capita mode of distributing the "miscellaneous account" we will find most departments a long way from self supporting. Under this theory the dental department would be the only self supporting department in the University during the last biennial period. It paid its way in every expenditure and detail and a surplus of \$1,127.16 clear gain into the bargain in the biennial period.

In the years 1895-96 the pharmacy department paid likewise its full share of all expenditures and a surplus over.

#### FINANCIAL REPORT—MODE OF MAKING.

In order to be uniform, this report will be made—as usual for several years past—by crediting each department with the actual fees, in cash, paid by the students in that department. This will give a clearer comparative view in looking back over the reports for several consecutive years than any other mode.

### STATEMENT.

*Incomes and disbursements on account of the general income fund, for the school year, June 30, 1895, to June 30, 1896.*

#### INCOMES.

##### COLLEGIATE DEPARTMENT.

|                                   |             |
|-----------------------------------|-------------|
| Tuitions and fees.....            | \$ 7,860.00 |
| Chemical laboratory deposits..... | 93.17       |
| Library fines.....                | 20.20       |
| Natural history bulletin.....     | 22.05       |
| Total .....                       | \$ 7,995.42 |

##### LAW DEPARTMENT.

|                        |              |
|------------------------|--------------|
| Tuitions and fees..... | \$ 10,901.00 |
| Loan-book account..... | 504.50       |
| Total .....            | 11,405.50    |

#### MEDICAL DEPARTMENT.

|                                   |              |
|-----------------------------------|--------------|
| Tuitions and fees.....            | \$ 10,151.00 |
| Pharmacy deposits.....            | 77.25        |
| Chemical laboratory deposits..... | 83.44        |
| Total .....                       | \$ 10,311.73 |

#### HOMOEOPATHIC MEDICAL DEPARTMENT

|                                   |             |
|-----------------------------------|-------------|
| Tuitions and fees.....            | \$ 3,251.21 |
| Chemical laboratory deposits..... | 18.19       |
| Total .....                       | \$ 3,269.40 |

#### DENTAL DEPARTMENT.

|                                       |              |
|---------------------------------------|--------------|
| Tuitions and fees—regular course..... | \$ 14,370.50 |
| Tuitions and fees—spring course.....  | 1,200.65     |
| Clinic fees.....                      | 2,724.47     |
| Chemical laboratory deposits.....     | 72.89        |
| Total .....                           | 18,428.51    |

#### PHARMACY DEPARTMENT.

|                                   |             |
|-----------------------------------|-------------|
| Tuitions and fees.....            | \$ 5,406.00 |
| Laboratory deposits.....          | 161.90      |
| Chemical laboratory deposits..... | 55.97       |
| Total .....                       | 5,623.87    |

#### MISCELLANEOUS COLLECTIONS.

|                          |              |
|--------------------------|--------------|
| Sundry small items.....  | \$ 104.93    |
| Back fees collected..... | 481.00       |
| Total .....              | 585.93       |
| Grand total .....        | \$ 57,620.36 |

#### STATE APPROPRIATIONS AND FUND INTEREST.

|                                     |               |
|-------------------------------------|---------------|
| State, for general purposes.....    | \$ 53,000.00  |
| Interest and rents from fund.....   | 16,233.99     |
| Total .....                         | 69,233.99     |
| Total available general income..... | \$ 126,854.35 |

#### DISBURSEMENTS, 1895-6.

##### COLLEGIATE DEPARTMENT.

|  |              |
|--|--------------|
| Salaries of professors and assistants..... | \$ 46,125.00 |
| Chair of ancient languages.....            | 6.05         |
| Chair of modern languages.....             | 50.00        |
| Chair of mathematics.....                  | 181.62       |
| Chair of philosophy.....                   | 400.00       |
| Chair of political science.....            | 25.00        |
| Chair of pedagogy.....                     | 38.70        |
| Chair of history.....                      | 35.71        |
| Natural History Bulletin.....              | 403.35       |
| Total .....                                | \$ 47,265.43 |

## LAW DEPARTMENT.

|   |              |
|---|--------------|
| Salaries of professors and lecturers..... | \$ 10,565.00 |
| Loan book account.....                    | 504.50       |
| Total .....                               | \$ 11,069.50 |

## MEDICAL DEPARTMENT.

|  |              |
|--|--------------|
| Salaries of professors and lecturers, etc..... | \$ 13,380.00 |
| Old hospital maintenance.....                  | 150.00       |
| Chair of practice.....                         | 40.00        |
| Chair of physiology.....                       | 35.00        |
| Chair of surgery.....                          | 30.00        |
| Chair of materia medica.....                   | 35.00        |
| Chair of anatomy.....                          | 42.72        |
| Clinics, surgical.....                         | 190.00       |
| Clinics, gynecological.....                    | 120.00       |
| Clinics, medical practice.....                 | 80.00        |
| Clinics, eye and ear.....                      | 43.20        |
| Clinics, throat and nose.....                  | 15.40        |
| Hospital fees paid.....                        | 501.00       |
| Dissecting material.....                       | 2,044.26     |
| Antitoxins.....                                | 174.53       |
| Obstetrical manikin.....                       | 135.63       |
| Total .....                                    | \$ 17,106.74 |

## HOMOEOPATHIC MEDICAL DEPARTMENT.

|   |             |
|---|-------------|
| Salaries of professors and lecturers..... | \$ 3,935.00 |
| Supplies for the several chairs.....      | 50.00       |
| Museum supplies.....                      | 7.65        |
| Clinic supplies.....                      | 50.00       |
| Hospital fees paid.....                   | 256.21      |
| Total .....                               | \$ 4,298.86 |

## DENTAL DEPARTMENT.

|   |              |
|---|--------------|
| Salaries of professors, lecturers, etc..... | \$ 8,502.00  |
| Clinic supplies.....                        | 1,640.23     |
| Laboratory supplies.....                    | 1,038.78     |
| Chairs, appropriations.....                 | 54.26        |
| Total .....                                 | \$ 11,235.27 |

## PHARMACY DEPARTMENT.

|  |             |
|--|-------------|
| Salaries of professors and assistants..... | \$ 2,840.00 |
| Supplies.....                              | 100.00      |
| Total .....                                | \$ 2,940.00 |

## MISCELLANEOUS.

|  |              |
|--|--------------|
| Salaries of officers, librarians and assistants..... | \$ 10,625.00 |
| Medical library, books.....                          | 150.00       |
| Homoeopathic library, books.....                     | 34.23        |
| Dental library, books and apparatus.....             | 132.69       |

|  |                     |
|--|---------------------|
| Chemical laboratory supplies.....              | \$ 1,069.03         |
| Interest on building warrants.....             | 1,094.04            |
| Cash for work on dental building.....          | 489.79              |
| Cash for work on homoeopathic building.....    | 642.92              |
| Publication military tactics.....              | 100.00              |
| Extra work in library.....                     | 135.00              |
| Pharmacy library, books.....                   | 150.00              |
| Rent of chapel and rooms.....                  | 500.00              |
| Janitors' salaries.....                        | 4,263.73            |
| Fuel.....                                      | 3,413.77            |
| Printing and advertising.....                  | 1,841.59            |
| Commencement expenses.....                     | 1,285.61            |
| Opera house rent.....                          | 200.00              |
| Care of grounds.....                           | 250.00              |
| Gas.....                                       | 2,197.13            |
| Water rent.....                                | 562.00              |
| Catalogues.....                                | 304.78              |
| Nightwatch.....                                | 468.00              |
| Band instructor.....                           | 150.00              |
| Military supplies.....                         | 168.07              |
| President's travelling expenses.....           | 282.70              |
| Professor of pedagogy, traveling expenses..... | 186.16              |
| Postage.....                                   | 398.00              |
| Chapel music.....                              | 25.00               |
| Alumni expenses.....                           | 100.00              |
| Outstanding bills.....                         | 400.00              |
| Incidentals.....                               | 1,959.03            |
| Chapel song books.....                         | 50.00               |
| Desk for philosophy chair.....                 | 25.00               |
| Soldiers' monument statuary.....               | 350.00—\$ 33,837.45 |
| Total expenditures, 1895-6.....                | \$ 127,753.25       |
| Overdrawn in June, 1895.....                   | 467.83              |
| Total expenditures.....                        | \$ 128,221.08       |
| Total income.....                              | 126,854.35          |
| Expended over income, in June, 1896.....       | \$ 1,366.73         |

## GENERAL INCOME FUND.

## RECAPITULATION—1895-6.

## RECEIPTS.

|                              |             |
|------------------------------|-------------|
| Collegiate department.....   | \$ 7,905.42 |
| Law department.....          | 11,405.50   |
| Medical department.....      | 10,311.73   |
| Homoeopathic department..... | 3,269.40    |
| Dental department.....       | 18,428.51   |

|   |                      |
|---|----------------------|
| Pharmacy department .....                           | \$ 5,623.87          |
| Miscellaneous collections .....                     | 585.93               |
| State appropriations .....                          | 53,000.00            |
| Interest and rents from fund .....                  | 16,233.99            |
| <b>Total .....</b>                                  | <b>\$ 126,854.35</b> |
| <b>DISBURSEMENTS.</b>                               |                      |
| Collegiate department .....                         | \$ 47,265.43         |
| Law department .....                                | 11,069.50            |
| Medical department .....                            | 17,106.74            |
| Homoeopathic department .....                       | 4,298.86             |
| Dental department .....                             | 11,235.27            |
| Pharmacy department .....                           | 2,940.00             |
| Miscellaneous .....                                 | 33,837.45            |
| Overdrawn in June, 1895 .....                       | 467.83               |
| <b>Total expenditures .....</b>                     | <b>\$ 128,221.08</b> |
| <b>Total receipts .....</b>                         | <b>126,854.35</b>    |
| <b>Amount expended over income June, 1896 .....</b> | <b>\$ 1,366.73</b>   |

## STATEMENT.

*Incomes and disbursements, on account of the general income fund, for the school year, June 30, 1896, to June 30, 1897.*

## INCOMES.

## COLLEGIATE DEPARTMENT.

|                                    |                     |
|------------------------------------|---------------------|
| Tuitions and fees .....            | \$ 10,420.00        |
| Chemical laboratory deposits ..... | 60.87               |
| Library fines .....                | 26.90               |
| <b>Total .....</b>                 | <b>\$ 10,507.77</b> |

## LAW DEPARTMENT.

|                         |                  |
|-------------------------|------------------|
| Tuitions and fees ..... | \$ 11,571.00     |
| Loan-book account ..... | 561.00           |
| <b>Total .....</b>      | <b>12,132.60</b> |

## MEDICAL DEPARTMENT.

|                                    |                  |
|------------------------------------|------------------|
| Tuitions and fees .....            | \$ 10,276.50     |
| Pharmacy deposits .....            | 26.16            |
| Chemical laboratory deposits ..... | 96.96            |
| <b>Total .....</b>                 | <b>10,399.62</b> |

## HOMOEOPATHIC MEDICAL DEPARTMENT.

|                                    |                 |
|------------------------------------|-----------------|
| Tuitions and fees .....            | \$ 3,060.92     |
| Chemical laboratory deposits ..... | 41.05           |
| <b>Total .....</b>                 | <b>3,102.87</b> |

## DENTAL DEPARTMENT.

|  |              |
|--|--------------|
| Tuitions and fees—regular course ..... | \$ 12,131.00 |
| Tuitions and fees—spring course .....  | 230.00       |
| Clinic fees .....                      | 2,740.63     |
| Chemical laboratory deposits .....     | 55.82        |

**Total .....** **\$ 15,157.15**

## PHARMACY DEPARTMENT.

|                                    |             |
|------------------------------------|-------------|
| Tuitions and fees .....            | \$ 4,065.00 |
| Laboratory deposits .....          | 152.39      |
| Chemical laboratory deposits ..... | 47.60       |

**Total .....** **4,264.99**

## MISCELLANEOUS COLLECTIONS.

|  |          |
|--|----------|
| Sundry small items .....               | \$ 77.89 |
| Back fees collected .....              | 373.50   |
| Zoology Russell warrant returned ..... | 75.00    |
| Pharmacy material sold .....           | 64.14    |

**Total .....** **590.53**

**Total tuitions and fees .....** **\$ 56,155.53**

## STATE APPROPRIATIONS AND FUND INTEREST.

|                                    |              |
|------------------------------------|--------------|
| State, for general purposes .....  | \$ 65,500.00 |
| Interest and rents from fund ..... | 16,015.98    |

**Total .....** **81,515.98**

**Total income fund .....** **\$ 137,671.51**

## DISBURSEMENTS—1896-7.

## COLLEGIATE DEPARTMENT.

|   |              |
|---|--------------|
| Salaries of professors and assistants ..... | \$ 52,274.96 |
| Chair of ancient languages .....            | 25.00        |
| Chair of German .....                       | 21.78        |
| Chair of mathematics .....                  | 47.12        |
| Chair of philosophy .....                   | 748.36       |
| Chair of political science .....            | 8.40         |
| Chair of pedagogy .....                     | 97.28        |
| Chair of geology .....                      | 417.35       |
| Chair of English .....                      | 16.65        |
| Chair of botany .....                       | 631.45       |
| Chair of zoology .....                      | 897.47       |
| Chair of chemistry (X ray) .....            | 50.00        |
| Chair of physics .....                      | 324.51       |
| Natural history bulletin .....              | 317.23       |
| Engineering Transit .....                   | 15.00        |
| Engineering equipment .....                 | 504.86       |
| Psychology bulletin .....                   | 179.18       |
| Chair of morphology .....                   | 249.21       |

**Total .....** **\$ 56,825.79**

## LAW DEPARTMENT.

|   |              |
|---|--------------|
| Salaries of professors, lecturers, etc. | \$ 10,880.00 |
| Type writer—law                         | 25.00        |
| Loan-book account                       | 559.00       |
| Total                                   | \$ 11,464.00 |

## MEDICAL DEPARTMENT.

|   |              |
|---|--------------|
| Salaries of professors, lecturers, etc. | \$ 13,280.00 |
| Old hospital maintenance                | 130.51       |
| Chair of practice                       | 31.74        |
| Chair of obstetrics                     | 40.00        |
| Chair of physiology                     | 38.35        |
| Chair of surgery                        | 30.00        |
| Chair of materia medica                 | 9.25         |
| Chair of anatomy                        | 30.31        |
| Chair of pathology                      | 460.00       |
| Clinics—surgical                        | 202.95       |
| Clinics—gynecological                   | 178.15       |
| Clinics—medical practice                | 38.92        |
| Clinics—eye and ear                     | 26.65        |
| Clinics—throat and nose                 | 22.99        |
| Throat and nose, equipment              | 100.00       |
| Hospital fees paid                      | 402.00       |
| Dissecting material                     | 2,417.66     |
| Antitoxin                               | 173.95       |
| Total                                   | 17,613.43    |

## HOMOEOPATHIC MEDICAL DEPARTMENT.

|                                      |             |
|--------------------------------------|-------------|
| Salaries of professors and lecturers | \$ 4,385.00 |
| Supplies for the several chairs      | 50.00       |
| Museum supplies                      | .88         |
| Clinic supplies                      | 50.73       |
| Hospital fees paid                   | 335.92      |
| Total                                | 4,822.53    |

## DENTAL DEPARTMENT.

|   |             |
|---|-------------|
| Salaries of professors, lecturers, etc. | \$ 6,951.00 |
| Clinic supplies                         | 1,177.19    |
| Laboratory supplies                     | 537.04      |
| Chair appropriations                    | 54.00       |
| Total                                   | 8,719.23    |

## PHARMACY DEPARTMENT.

|                                       |             |
|---------------------------------------|-------------|
| Salaries of professors and assistants | \$ 3,100.00 |
| Supplies                              | 383.78      |
| Total                                 | 3,483.78    |

## MISCELLANEOUS.

|   |              |
|---|--------------|
| Salaries of officers, librarians and assistants | \$ 11,075.00 |
| Medical library, books                          | 161.60       |

|   |              |
|---|--------------|
| Homoeopathic library, books               | \$ 71.96     |
| Dental library, books and apparatus       | 47.00        |
| General library, appropriation by board   | 1,129.96     |
| Library for books, law department         | 500.00       |
| Chemical laboratory                       | 1,546.02     |
| Library summer work                       | 148.00       |
| Pharmacy library, books                   | 69.65        |
| Rent of chapel and rooms                  | 582.50       |
| Janitors' salaries                        | 5,155.63     |
| Fuel                                      | 4,063.45     |
| Printing and advertising                  | 1,974.05     |
| Commencement expenses                     | 1,729.59     |
| Opera house rent                          | 200.00       |
| Care of grounds                           | 240.00       |
| Gas                                       | 1,978.79     |
| Water rent                                | 592.00       |
| Catalogues                                | 2,045.92     |
| Nightwatch                                | 459.00       |
| Band instructor                           | 139.25       |
| Military supplies                         | 316.59       |
| President's traveling expenses            | 201.61       |
| Professor of pedagogy, traveling expenses | 247.35       |
| Postage                                   | 300.00       |
| Chapel music                              | 25.00        |
| Alumni expenses                           | 100.00       |
| Outstanding bills                         | 1,340.00     |
| Incidentals                               | 3,130.24     |
| Expenses of Loos to Spirit Lake           | 50.00        |
| Total                                     | \$ 39,580.15 |

|                           |               |
|---------------------------|---------------|
| Total expenditures 1896-7 | \$ 142,598.91 |
| Overdrawn in June, 1896   | 1,366.73      |

|  |               |
|--|---------------|
| Total expenditures against income fund | \$ 143,875.64 |
| Income for 1896-7                      | 137,671.51    |

Expended over general income account to June 30, 1897 \$ 6,204.13

## ALUMNI BOOK FUND.

This is a special fund contributed by the graduates of 1896, and others.

|                                    |           |
|------------------------------------|-----------|
| Subscription to the fund in 1896-7 | \$ 205.10 |
| Paid out for books in same time    | 92.50     |

Balance in June, 1897 \$ 112.60

## GENERAL INCOME FUND.

## RECAPITULATION—1896-7.

## RECEIPTS.

|                                    |               |
|------------------------------------|---------------|
| Collegiate department .....        | \$ 10,507.77  |
| Law department .....               | 12,132.60     |
| Medical department .....           | 10,399.62     |
| Homoeopathic department .....      | 3,102.87      |
| Dental department .....            | 15,157.15     |
| Pharmacy department .....          | 4,264.99      |
| Miscellaneous collections .....    | 500.53        |
| State appropriation .....          | 65,500.00     |
| Interest and rents from fund ..... | 16,015.98     |
| Total .....                        | \$ 137,671.51 |

## DISBURSEMENTS.

|   |               |
|---|---------------|
| Collegiate department .....                 | \$ 56,825.79  |
| Law department .....                        | 11,464.00     |
| Medical department .....                    | 17,613.43     |
| Homoeopathic department .....               | 4,822.53      |
| Dental department .....                     | 8,719.23      |
| Pharmacy department .....                   | 3,483.78      |
| Miscellaneous .....                         | 39,580.15     |
| Overdraws—June, 1896 .....                  | 1,366.73      |
| Total expenditures .....                    | \$ 143,875.64 |
| Total receipts .....                        | 137,671.51    |
| Expended over income to June 30, 1897 ..... | \$ 6,204.13   |

## REPORT OF SPECIAL STATE APPROPRIATIONS

## OF THE TWENTY-FIFTH GENERAL ASSEMBLY.

A statement as to the special state appropriations showing how the same have been drawn and expended in accordance with the act making said appropriations.

## DENTAL DEPARTMENT, INFIRMARY AND LABORATORY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Amount appropriated and unexpended at date of last report.... | \$ 500.00 |
| Amount drawn and expended to December 2, 1896 .....           | 500.00    |

## FOR GENERAL LIBRARY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |             |
|---|-------------|
| Balance unexpended at date of last report ..... | \$ 1,967.18 |
| Drawn and expended to September 17, 1896 .....  | 1,967.18    |

## FOR LAW LIBRARY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 271.07 |
| Drawn and expended to December 2, 1896 .....    | 271.07    |

## FOR PHYSICAL LABORATORY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |             |
|---|-------------|
| Balance unexpended at date of last report ..... | \$ 1,243.31 |
| Drawn and expended to November 5, 1896 .....    | 1,243.31    |

## FOR ENGINEERING EQUIPMENT.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 205.04 |
| Drawn and expended to November 5, 1896 .....    | 205.04    |

## FOR PHARMACY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 316.46 |
| Drawn and expended to September 17, 1896 .....  | 316.46    |

## FOR HISTOLOGY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 223.18 |
| Drawn and expended to March 2, 1896 .....       | 223.18    |

## FOR PATHOLOGY AND BACTERIOLOGY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 369.29 |
| Drawn and expended to December 2, 1896 .....    | 369.29    |

## REPAIR AND CONTINGENT FUND.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |             |
|---|-------------|
| Balance unexpended at date of last report ..... | \$ 5,042.27 |
| Drawn and expended to March 2, 1896 .....       | 5,042.27    |

## FOR BOTANY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 194.76 |
| Drawn and expended to May 18, 1896 .....        | 194.76    |

## FOR ZOOLOGY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|   |           |
|---|-----------|
| Balance unexpended at date of last report ..... | \$ 457.53 |
| Drawn and expended to November 5, 1896 .....    | 457.53    |

## FOR GEOLOGY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|  |           |
|--|-----------|
| Balance unexpended at date of last report..... | \$ 418.43 |
| Drawn and expended to November 5, 1896.....    | 418.43    |

## FOR CHEMISTRY.

## TWENTY-FIFTH GENERAL ASSEMBLY.

|  |           |
|--|-----------|
| Balance unexpended at date of last report..... | \$ 300.95 |
| Drawn and expended to December 2, 1895.....    | 300.95    |

## REPORT OF SPECIAL STATE APPROPRIATIONS

## MADE BY THE TWENTY-SIXTH GENERAL ASSEMBLY.

A statement as to the special state appropriations showing how the same have been drawn and expended in accordance with the act making the appropriation.

## FOR COMPLETION AND EQUIPMENT OF DENTAL BUILDING.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|  |             |
|--|-------------|
| Amount appropriated.....                 | \$ 2,500.00 |
| Amount expended to October 10, 1897..... | 2,500.00    |

(The whole appropriation is not yet drawn from the state, as it is not all payable until after October 15, 1897.)

## FOR COMPLETION AND EQUIPMENT OF THE HOMOEOPATHIC MEDICAL BUILDING.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|  |             |
|--|-------------|
| Amount appropriated.....                   | \$ 4,000.00 |
| Amount expended to September 21, 1897..... | 4,000.00    |

(Whole appropriation is not yet drawn from the state, as it is not all payable until after October 15, 1897.)

## FOR GENERAL LIBRARY.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|   |             |
|---|-------------|
| Amount appropriated.....                | \$ 2,500.00 |
| Amount expended to August 27, 1897..... | 2,500.00    |

## FOR LAW LIBRARY.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|  |             |
|--|-------------|
| Amount appropriated.....                     | \$ 1,000.00 |
| Amount drawn, expended to June 30, 1897..... | 500.00      |

Balance available for current year..... \$ 500.00

## FOR PHYSICAL LABORATORY.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|  |             |
|--|-------------|
| Amount appropriated.....                   | \$ 1,000.00 |
| Amount expended to September 21, 1897..... | 311.89      |
| Balance available for current year.....    | \$ 688.11   |

## FOR REPAIRS AND CONTINGENT FUND.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|  |              |
|--|--------------|
| Amount appropriated.....                   | \$ 10,000.00 |
| Amount expended to September 21, 1897..... | 6,820.40     |
| Balance available for current year.....    | \$ 3,179.60  |

## STATE TAX FOR UNIVERSITY BUILDING.

## TWENTY-SIXTH GENERAL ASSEMBLY.

|  |              |
|--|--------------|
| Tax appropriation received from the state to September 21, 1897.....             | \$ 28,600.00 |
| Bill for work and material on new hospital up to September 21, 1897, sum of..... | 34,331.72    |

|                                 |             |
|---------------------------------|-------------|
| NOTE—Overdrawn on hospital..... | \$ 5,831.00 |
| Repairing burned building.....  | 2,879.90    |
| Estimate on boiler house.....   | 597.65      |

Due on tax appropriation September 21, 1897..... \$ 9,308.55

This sum we are informed will be fully met after October 20, 1897, as the taxes will be paid and forwarded to the treasurer at Des Moines by that time. Other large sums for building purposes will be due in October.

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## REPORTS

OF THE

# Secretary and Treasurer.

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## TREASURER'S REPORT.

STATE UNIVERSITY OF IOWA, }  
TREASURER'S OFFICE, }  
IOWA CITY, Iowa, October 29, 1897. }

*To the Honorable Board of Regents of the State University of Iowa:*

GENTLEMEN—I herewith submit a statement of income and disbursements for the biennial period commencing June 30, 1895, and ending June 30, 1897.

I also submit herewith a statement of the assets of the State University of Iowa June 30, 1897.

*Receipts and disbursements from June 30, 1895, to June 30, 1897.*

### RECEIPTS.

|                                       |               |
|---------------------------------------|---------------|
| Balance overdrawn June 30, 1895..     | \$ 2,937.42   |
| From June 30, 1895, to June 30, 1896: |               |
| Received appropriations .....         | \$ 85,320.78  |
| Received tuitions .....               | 57,620.36     |
| Received interest .....               | 16,087.28     |
| Received rents.....                   | 146.71        |
| Total .....                           | \$ 159,175.13 |
| From June 30, 1896, to June 30, 1897: |               |
| Received appropriations .....         | \$ 94,113.74  |
| Received tuitions .....               | 56,360.63     |
| Received interest.....                | 15,895.98     |
| Received rents.....                   | 120.00        |
| Total .....                           | 166,490.35    |

### DISBURSEMENTS.

|  |                                |
|--|--------------------------------|
| Warrants paid:                         |                                |
| For the year ending June 30, 1896..... | 159,189.85                     |
| For the year ending June 30, 1897..... | 163,038.55                     |
| Balance on hand June 30, 1897.....     | 499.66                         |
| Total .....                            | \$ 325,665.48    \$ 325,665.48 |

## RECAPITULATION.

|   |               |
|---|---------------|
| Income for two years ending June 30, 1897.....        | \$ 325,665.48 |
| Disbursements for two years ending June 30, 1897..... | \$22,228.40   |
| Excess of receipts over disbursements.....            | \$ 3,437.08   |
| Balance overdrawn June 30, 1895.....                  | \$ 1,937.42   |
| Balance on hand June 30, 1897.....                    | 449.66        |

## ASSETS JUNE 30, 1897.

|   |               |
|---|---------------|
| Mortgage notes.....                                     | \$ 231,865.72 |
| Cash on hand.....                                       | 1,254.64      |
| Total working capital June 30, 1897.....                | \$ 233,120.36 |
| Total working capital June 30, 1895.....                | 231,820.36    |
| Increase of working capital by sale of real estate..... | \$ 1,300.00   |

The books of this office show the number of acres of land unsold June 30, 1897, to be 8,068.40.

Respectfully submitted,

LOVELL SWISHER,  
Treasurer.

## REPORT OF THE SECRETARY

Showing receipts and disbursements of money from October 1, 1895, to October 1, 1897, as required by section 110 of the Code.

## RECEIPTS.

|               |   |
|---------------|---|
| 1895.         |   |
| October 15.   | State appropriation, warrants... \$ 20,000.00 |
| November 9.   | Tuitions and fees..... 38,372.79              |
| December 2.   | State appropriation, warrants... 19,437.62    |
| December 30.  | Tuitions and fees..... 2,442.25               |
| 1896.         |   |
| February 17.  | Tuitions and fees..... 7,639.61               |
| March 2.      | State appropriation, warrants... 15,905.80    |
| April 7.      | Tuitions and fees..... 4,500.91               |
| May 18.       | State appropriation, warrants... 8,933.02     |
| June 1.       | State appropriation, warrants... 6,250.00     |
| May 25.       | Tuitions and fees..... 2,382.97               |
| June 30.      | Tuitions and fees..... 1,981.83               |
| June 29.      | Interest on loans and rents..... 15,869.48    |
| June 30.      | Interest on loans..... 364.51                 |
| July 1.       | State appropriation, warrants... 7,000.00     |
| September 17. | State appropriation, warrants... 6,250.00     |
| September 17. | State appropriation, warrants... 6,144.92     |
| October 3.    | Tuitions and fees..... 24,502.07              |
| November 18.  | Tuitions and fees..... 4,628.06               |
| November 5.   | State appropriation, warrants... 11,834.70    |
| December 3.   | State appropriation, warrants... 9,375.00     |
| December 31.  | Tuitions and fees..... 5,301.75               |
| 1897.         |   |
| January 2.    | State appropriation, warrants... 9,488.17     |
| April 1.      | State appropriation, warrants... 16,375.00    |
| April 22.     | State appropriation, warrants, tax 10,000.00  |
| April 26.     | Tuitions and fees..... 13,758.93              |
| May 5.        | Tuitions and fees..... 5,741.60               |
| June 1.       | State appropriation, warrants... 11,145.95    |
| June 1.       | State appropriation, warrants, tax 6,500.00   |
| June 18.      | Tuitions and fees..... 2,428.22               |
| June 30.      | Interest on loans and rent..... 16,015.98     |
| August 6.     | State appropriation, warrants... 19,060.00    |
| September 1.  | State appropriation, warrants... 9,375.00     |

Total .....

\$ 339,246.14

## DISBURSEMENTS.

|               |  |
|---------------|--|
| 1895.         |  |
| October 1.    | Expended beyond receipts..... \$ 27,597.79 |
| October 31.   | Warrants issued..... 17,338.66             |
| November 26.  | Warrants issued..... 12,920.89             |
| December 19.  | Warrants issued..... 14,947.80             |
| 1896.         |  |
| January 30.   | Warrants issued..... 12,378.33             |
| February 27.  | Warrants issued..... 17,886.14             |
| March 27.     | Warrants issued..... 9,985.08              |
| April 2.      | Warrants issued..... 9,001.16              |
| April 30.     | Warrants issued..... 26,639.37             |
| May 28.       | Warrants issued..... 4,294.61              |
| June 25.      | Warrants issued..... 3,719.93              |
| July 31.      | Warrants issued..... 1,921.44              |
| August 17.    | Warrants issued..... 4,822.91              |
| September 17. | Warrants issued..... 10,035.74             |
| September 24. | Warrants issued..... 16,003.18             |
| November 18.  | Warrants issued..... 10,637.39             |
| December 3.   | Warrants issued..... 4,729.73              |
| December 18.  | Warrants issued..... 10,693.65             |
| 1897          |  |
| January 14.   | Warrants issued..... 18,217.52             |
| January 28.   | Warrants issued..... 11,395.94             |
| February 25.  | Warrants issued..... 10,908.16             |
| March 15-18.  | Warrants issued..... 32,853.50             |
| March 25.     | Warrants issued..... 6,741.76              |
| April 22.     | Warrants issued..... 8,919.65              |
| May 27.       | Warrants issued..... 3,025.73              |
| June 22.      | Warrants issued..... 9,289.16              |
| July 22.      | Warrants issued..... 377.06                |
| August 13-19. | Warrants issued..... 13,692.72             |
| August 27.    | Warrants issued.....                       |
| September 8.  | Warrants issued.....                       |
| September 21. | Warrants issued.....                       |

Total ..... \$ 349,962.17

## SUMMARY.

|   |               |
|---|---------------|
| Expended as above shown:                      |               |
| From October 1, 1895 to October 1, 1897.....  | \$ 349,962.17 |
| Received as above shown:                      |               |
| From October 1, 1895, to October 1, 1897..... | 339,246.14    |
| Expended beyond receipts.....                 | \$ 10,716.03  |

The payment of tuitions and fees for the current year commenced about September 15th, at the opening of the school. These fees and a part of the state endowment fund payable on October 1st will fully cover the above sum expended beyond receipts and leave a balance to meet the October warrants when they are issued by the executive committee.

STATE OF IOWA, }  
JOHNSON COUNTY. } ss.

I, William J. Haddock, secretary of the board of regents of the State University of Iowa, being first duly sworn, on oath say, that the foregoing statement of receipts and disbursements during the period set out, is correct and true as I verily believe.

WM. J. HADDOCK.

Subscribed to by Wm. J. Haddock and by him sworn to before me on this 20th day of October, 1897. Witness my hand and seal notarial.

LOVELL SWISHER,

[SEAL]

Notary Public in and for Johnson County, Iowa.