

## XIII.

RECOMMENDATIONS.  

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In conclusion the Board of Curators respectfully submits for consideration the following recommendations:

*First.* That \$7,500 be added to the permanent annual support of the Society.

*Second.* That a special appropriation of \$4,000 be made for an Industrial History of Iowa.

*Third.* That a special appropriation of \$4,000 be made] for further prosecution of the Mu-squa-kie Indian investigation.

# The State University of Iowa

IOWA CITY

## Twenty-Fourth Biennial Report

OF THE

BOARD OF REGENTS

TO THE

GOVERNOR

AND THE

THIRTY-FIRST GENERAL ASSEMBLY

---

1903-1904 and 1904-1905

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PRINTED BY ORDER OF THE GENERAL ASSEMBLY.  

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DES MOINES  
BERNARD MURPHY, STATE PRINTER  
1905

LETTER OF TRANSMITTAL.

THE STATE UNIVERSITY OF IOWA, }  
OFFICE OF THE SECRETARY OF THE REGENTS. }  
IOWA CITY, IOWA, October 15, 1905. }

To His Excellency, HON. ALBERT B. CUMMINS,  
*Governor of Iowa:*

SIR,—I have the honor herewith to submit the biennial report of the Board of Regents of the State University of Iowa for the years 1903-1904 and 1904-1905, as provided by law, Code 1897, section 2641.

Very respectfully,

WILLIAM J. MCCHESNEY,  
*Secretary of the Board of Regents.*

## TABLE OF CONTENTS.

	PAGE
Letter of Transmittal.....	5
The Board of Regents.....	8
Standing Committees of Regents.....	9
Administrative Officers.....	10
Report of the Board of Regents.....	13
Progress of the University.....	13
Buildings.....	14
Laboratories.....	15
The College of Law.....	16
The College of Applied Science.....	16
Alumni.....	17
Repairs and Improvements.....	17
University Y. M. and Y. W. C. A.....	18
University Commencements.....	19
Exhibit Louisiana Purchase Exposition.....	19
Dental and Medical Alumni Clinics.....	19
Graduate College.....	19
Summer Session.....	20
Policy of Developing Departments in Colleges Co-extensive with the University.....	20
The Hospitals.....	21
Land Purchases.....	21
Design to Control Extensions.....	22
The Dam.....	24
Treasurers Accounts and Lands.....	24
Needs of the University.....	24
Millage Tax.....	25
Increase of Support Fund.....	26
Purchase of Land.....	26
Extension of Hospital.....	27
Engineering Shops and Hydraulic Power House and Connection.....	27
Equipment for Natural Science Hall.....	28
General Equipment and Supplies.....	28
Libraries.....	29
Repair and Contingent Fund.....	29
Paving and Sidewalks.....	29
New Boiler.....	29
Summary of Appropriations Asked.....	30
Report of President.....	31
Attendance.....	33
Quality of Attendance.....	34
New Buildings and Campus.....	35
The University's Inner Prosperity.....	35
Needs—Increase of Instructors and Salaries.....	36
Excerpts from President's Annual Report, 1908-1909.....	39
Attendance, 39; Analysis of Attendance, 40; Graduate College, Increase 40; Summer Session, Increase, 40; Increase of Women Students, 40; Flexibility of Entrance Requirements, 41; Approved Homes, 41; School of Music, 41; The Unfolding University, 42; Legislative Results, 45; One Modern University, 45; Building Era, 46; Library School, 47; University Extension, 47; Publica- tions, 47; The Hospitals, 47; Homeopathic Hospital, 47; Nurses' Training Schools, 48; Homeopathic Nurses' Training School, 48; Graduate College, 48.	

	PAGE.
Excerpts from President's Annual Report, 1904-1905.....	50
Business Side, 50; University Professorships, 50; State-Wide Co-ordination, 50;	
State Bacteriological Laboratory, 50; Gifts, 51; Unification of the School	
System, 51; Inspection of Schools, 51; State Geological Survey, 52; Manifold	
State Service, 52; Alumni Clinics, 52; Conventions at the University, 52; Hospi-	
tals and Clinics, 52; State Historical Society, 53; Revision of Courses of Study,	
53; School of Political and Social Science, 54; School of Applied Science, 54;	
Student Movements, 55; Instruction in Music Demanded, 55; Student Morals,	
55; University Y. M. and Y. W. C. A., 55; Rhodes Scholar, 55; Homes for	
Students, 56; "Iowa Alumnus" and Alumni, 56; Physical Training, 56;	
Enlarged Campus, 57; Spirit of Co-operation, 57.	
Report of the Secretary.....	59
Total Receipts and Expenditures for Biennium, 1903-1905.....	61
Receipts, 1903-1904.....	62
Disbursements, 1903-1904.....	63
Receipts, Income Fund, 1903-1904, itemized.....	64
Disbursements, Income Fund, 1903-1904, itemized.....	65
Expenditures, Income Fund, 1903-1904.....	65
University Hospital Account, 1903-1904.....	76
University Homeopathic Hospital Account, 1903-1904.....	77
Dental Clinics, 1903-1904.....	78
Law Loan Book Account, 1903-1904.....	78
Alumni Book Account, 1903-1904.....	78
Library Tax Fund, 1903-1904.....	78
Permanent Land Endowment Fund, 1903-1904.....	80
Donated Land Fund, 1903-1904.....	80
Special Land Fund, 1903-1904.....	80
One-Tenth of a Mill Building Tax Fund, 1903-1904.....	82
One-Fifth of a Mill Building Tax Fund, 1903-1904.....	82
Natural Science Building Fund, 1903-1904.....	86
New Medical Building Fund, 1903-1904.....	86
Equipment Fund, New Medical Buildings, 1903-1904.....	87
Repair and Contingent Fund, 1903-1904.....	87
A. Whitney Carr Free Scholarship Principal Fund, 1903-1904.....	88
A. Whitney Carr Free Scholarship Income Fund, 1903-1904.....	88
F. O. Lowden Oratory Prize Fund, 1903-1904.....	88
F. O. Lowden Oratory Prize Income Fund, 1903-1904.....	89
William Jennings Bryan Prize Fund, 1903-1904.....	89
William Jennings Bryan Prize Income Fund, 1903-1904.....	89
Receipts, 1904-1905.....	89
Disbursements, 1904-1905.....	91
Receipts, Income Fund, 1904-1905, itemized.....	92
Disbursements, Income Fund, 1904-1905, itemized.....	93
Expenditures, Income Fund, 1904-1905.....	93
University Hospital Account, 1904-1905.....	105
University Homeopathic Hospital Account, 1904-1905.....	105
Dental Clinic Receipts, 1904-1905.....	105
Law Loan Book Account, 1904-1905.....	105
Alumni Book Account, 1904-1905.....	105
Library Fund, 1904-1905.....	105
Permanent Land Endowment Fund, 1904-1905.....	109
Donated Land Fund, 1904-1905.....	109
Special Land Fund, 1904-1905.....	110
One-Fifth of a Mill Building Tax Fund, 1904-1905.....	111
Natural Science Building Fund, 1904-1905.....	122
New Medical Buildings Fund, 1904-1905.....	122
Equipment Fund, New Medical Buildings, 1904-1905.....	123
Gymnasium and Armory Fund, 1904-1905.....	124
Engineering Building Fund, 1904-1905.....	124
Tunnel and Extension Fund, 1904-1905.....	124

	PAGE.
Paving and Sidewalk Fund, 1904-1905.....	125
Equipment and Supplies Fund, 1904-1905.....	125
Repair and Contingent Fund, 1904-1905.....	127
A. Whitney Carr Free Scholarship Principal Fund, 1904-1905.....	127
A. Whitney Carr Free Scholarship Interest Fund, 1904-1905.....	127
F. O. Lowden Oratory Prize Fund, 1904-1905.....	128
F. O. Lowden Oratory Prize Interest Fund, 1904-1905.....	129
William Jennings Bryan Prize Fund, 1904-1905.....	129
William Jennings Bryan Prize Interest Fund, 1904-1905.....	129
Report of the Treasurer.....	131
Balances, June 30, 1903.....	133
Receipts, 1903-1904.....	133
Receipts, 1904-1905.....	134
Disbursements, 1903-1904.....	136
Disbursements, 1904-1905.....	136
Balances, June 30, 1905.....	137
Assets, June 30, 1905.....	137
Report of the Registrar.....	139
Summary of Registration, 1903-1904.....	141
Summary of Registration, 1904-1905.....	144
Degrees Conferred.....	147
Residence of Students.....	148
Residence of Iowa Students by Counties.....	149
Place of Birth of Students.....	150
Ages.....	151
Occupation of Parents.....	152
Preparation.....	153
Religious Statistics.....	153
Religious Denominations.....	154

## THE BOARD OF REGENTS.

## MEMBERS EX OFFICIO

*His Excellency*, ALBERT B. CUMMINS, *Governor of Iowa*

JOHN F. RIGGS,

*Superintendent of Public Instruction*

## TERMS EXPIRE 1906

SIXTH DISTRICT—WILLIAM D. TISDALE, *Ottumwa*  
FIRST DISTRICT—W. I. BABB, *Mt. Pleasant*  
SECOND DISTRICT—JOE R. LANE, *Davenport*  
SEVENTH DISTRICT—CARROLL WRIGHT, *Des Moines*

## TERMS EXPIRE 1908

FOURTH DISTRICT—ALONZO ABERNETHY, *Osage*  
ELEVENTH DISTRICT—PARKER K. HOLBROOK, *Onawa*  
TENTH DISTRICT—JOSEPH H. ALLEN, *Pocahontas*  
THIRD DISTRICT—CHARLES E. PICKETT, *Waterloo*

## TERMS EXPIRE 1910

FIFTH DISTRICT—THOMAS B. HANLEY, *Tipton*  
EIGHTH DISTRICT—JOHN W. LAUDER, *Afton*  
NINTH DISTRICT—VERNON L. TREYNOR, *Council Bluffs*

## OFFICERS OF THE BOARD

WILLIAM J. McCHESNEY, <i>Iowa City</i> .....	SECRETARY
LOVELL SWISHER, <i>Iowa City</i> .....	TREASURER
GILBERT H. ELLSWORTH, <i>Iowa City</i> , SUPERINTENDENT OF CONSTRUCTION AND MAINTENANCE, BUILDINGS AND GROUNDS	
PARKER K. HOLBROOK	} EXECUTIVE COMMITTEE
ALONZO ABERNETHY	
W. I. BABB	
JOE R. LANE.....	DELEGATE TO THE UNIVERSITY SENATE

## STANDING COMMITTEES OF REGENTS.

AUDITING—Regents William D. Tisdale, Thomas B. Hanley, J. W. Lauder.  
BUILDINGS AND GROUNDS—Regents W. I. Babb, Parker K. Holbrook, Alonzo Abernethy, Carroll Wright.  
COLLEGE OF DENTISTRY—Regents Joseph H. Allen, J. W. Lauder, Carroll Wright.  
COLLEGE OF LAW—Regents Carroll Wright, Thomas B. Hanley, William D. Tisdale, Joe R. Lane, Charles E. Pickett, Joseph H. Allen.  
COLLEGE OF LIBERAL ARTS—Regents Charles E. Pickett, Joseph H. Allen, Parker K. Holbrook, Joe R. Lane, J. F. Riggs.  
COLLEGES OF MEDICINE AND HOMEOPATHIC MEDICINE—Regents Thomas B. Hanley, Joe R. Lane, J. F. Riggs, J. W. Lauder, V. L. Treynor.  
COLLEGE OF PHARMACY—Regents Joe R. Lane, V. L. Treynor, Joseph H. Allen.  
EXECUTIVE COMMITTEE—Regents Parker K. Holbrook, Alonzo Abernethy, W. I. Babb.  
FINANCE COMMITTEE—Regents Alonzo Abernethy, Parker K. Holbrook, Charles E. Pickett, Thomas B. Hanley, Joe R. Lane.  
GRADUATE COLLEGE—Regents William D. Tisdale, W. I. Babb, Alonzo Abernethy.  
HONORARY DEGREES—Regents Parker K. Holbrook, Carroll Wright, J. F. Riggs.  
HOSPITALS—Regents J. W. Lauder, V. L. Treynor, Joseph H. Allen.  
LEGISLATION—Regents Charles E. Pickett, Joseph H. Allen, Alonzo Abernethy, W. I. Babb, Parker K. Holbrook, Joe R. Lane, William D. Tisdale, Carroll Wright, J. W. Lauder, Thomas B. Hanley, V. L. Treynor.  
LIBRARY AND APPARATUS—Regents Parker K. Holbrook, J. F. Riggs, Joseph H. Allen.  
NATURAL HISTORY COLLECTIONS—Regents V. L. Treynor, Charles E. Pickett, Alonzo Abernethy.  
SALARIES—Regents Charles E. Pickett, Carroll Wright, Thomas B. Hanley, Joseph H. Allen, Joe R. Lane, William D. Tisdale.

## THE ADMINISTRATIVE OFFICERS.

## THE UNIVERSITY.

GEORGE EDWIN MACLEAN, LL. D., President.  
 ELMER ALMY WILCOX, B. A., Secretary of the University Senate.  
 JOHN FRANKLIN BROWN, Ph. D., Inspector of Schools.  
 THOMAS HUSTON MACBRIDE, Ph. D., Director University Extension.  
 WILLIAM CRAIG WILCOX, M. A., Secretary University Extension.  
 HERBERT CLIFFORD DORCAS, M. A., University Examiner and Register.  
 ALICE BRADSTREET CHASE, Executive Clerk.  
 COLONEL GEORGE RITTER BURNETT, U. S. A., Commandant of the Cadet Battalion.  
 FRED COLLINS DRAKE, B. Ph., Secretary to the President and University Editor.  
 JOHN GEORGE CHALMERS, B. A., Director of Physical Training.  
 MARY SLEIGHT EVERTS, Acting Dean of Women.

## SENATE BOARDS.

ADVISORY, ON GENERAL NEEDS OF THE UNIVERSITY—The Deans.  
 ATHLETICS—Professors Smith, Bush, McClintock, Teeters, Byers.  
 COMBINED COURSES—Professors Currier, Loos, Royal, Hosford, E. A. Wilcox, Bierring, Teeters, Rockwood, Houser.  
 INTER-COLLEGIATE ORATORY AND DEBATE—Professors Gordon, W. C. Wilcox, Gilbert, Ansley, Patterson.  
 LIBRARY—The President, Regent Holbrook, Professors Fairbanks, Nutting Shambaugh, Smith, Hayes, Dean, Rogers, Johnston; Mr. Wyer, Secretary.  
 MUSIC—Professors Seashore, Gilchrist, Gordon, Prentiss, van Steenderen.  
 PUBLICATIONS—Professor Macbride, the President, Professors Loos, Becker, Gilbert, Houser, Raymond, Wilson.  
 SECONDARY SCHOOLS AND ENTRANCE EXAMINATIONS—Professors Calvin, Bolton, Shimek, Brown, Wilder, Dorcas, Magowan.

## THE COLLEGES

AMOS NOYES CURRIER, LL. D., Dean of the College of Liberal Arts  
 CHARLES NOBLE GREGORY, LL. D., Dean of the College of Law.  
 JAMES RENWICK GUTHRIE, M. D., Dean of the College of Medicine.  
 GEORGE ROYAL, M. D., Dean of the College of Homeopathic Medicine.  
 WILLIAM SUITS HOSFORD, D. D. S., Dean of the College of Dentistry.  
 WILBER JOHN TEETERS, Ph. C., Dean of the College of Pharmacy.

LÆNAS GIFFORD WELD, M. A., Dean of the Graduate College.  
 ISAAC A. LOOS, D. C. L., Director of the School of Political and Social Science.  
 WILLIAM G. RAYMOND, C. E., Director of the School of Applied Science.  
 FREDERICK E. BOLTON, Ph. D., Director of the Summer Session.  
 ANDREW A. VEBLEN, M. A., Secretary of the Faculty of the College of Liberal Arts.  
 ELMER ALMY WILCOX, B. A., Secretary of the Faculty of the College of Law.  
 WALTER LAWRENCE BIERRING, M. D., Secretary of the Faculty of the College of Medicine.  
 WILLIAM LE CLAIRE BYWATER, M. D., Secretary of the Faculty of the College of Homeopathic Medicine.  
 ARTHUR FAIRBANKS, Ph. D., Secretary of the Faculty of the Graduate College.

## THE HOSPITALS

WILLIAM R. WHITRIS, M. D., Director of the University Hospital  
 BERTHA WILKINSON, Graduate Nurse, Principal of the Training School for Nurses, College of Medicine.  
 WILLIAM LE CLAIRE BYWATER, M. D., Director of the Homeopathic Hospital.  
 ELVA M. DUNHAM, Graduate Nurse, Superintendent of the Training School for Nurses, and the Homeopathic Hospital.

## THE LIBRARIES AND MUSEUMS

MALCOLM GLENN WYER, B. L. S., Acting Librarian in Charge.  
 MERTON LEROY PEARSON, LL. B., Law Librarian.  
 CHARLES CLEVELAND NUTTING, M. A., Curator of the Museum of Natural History.  
 BOHUMIL SHIMEK, M. S., Curator of the Herbarium.

## REPORT OF THE BOARD OF REGENTS.

To His Excellency, HON. ALBERT B. CUMMINS, Governor of Iowa.

SIR—The Board of Regents of the State University of Iowa, beg leave to submit to you the biennial report covering the period from July 1, 1903, to June 30, 1905. They incorporate as a part of the report, the report of the President of the University, and the report of the Secretary of the Board of Regents, of the Treasurer, and of the Registrar.

### PROGRESS OF THE UNIVERSITY.

The progress of the University has been steady and along the lines of policies which have been adopted through a series of years and approved by successive legislatures. It is believed that the outlook of the University at the present moment is the most encouraging in its history. In this more specifically regents' part of the report, we deal with a few of the more prominent financial and material matters of the institution, gladly rendering an account of our stewardship of the funds committed to us by the state. We believe that the results shown will encourage the General Assembly to recognize the needs of the institution which has been fostered, with a few exceptions, by increasing liberality, particularly by recent Assemblies. We felicitate ourselves upon the commendations of the Board of Control in the third biennial report (pages 122-123), and think that more than ever they will be able to say as they did, "the financial and business affairs of the University have been managed with fidelity and care and to the best interests of the University." The two suggestions of the Board, the one as to the system of purchases of supplies in larger quantities at the lowest price obtainable, and the other, that all moneys received should be paid to the secretary before passing them over to the treasurer, to see that entries of such transactions are made in the proper accounts, have been followed.

## BUILDINGS.

In the extreme need for enlarged accommodations for the electrical engineering department, the old boiler house was ordered repaired at an expense not exceeding \$675, and the building was devoted to electrical engineering as a makeshift.

The recommendations of the building committee, adopted by the regents, January 8, 1904, brought to a happy conclusion the agitation of several years' standing as to the order in which buildings should be erected. The agitation was natural, as the demands for new buildings were so pressing and the claims of each so meritorious. This was particularly true as to an assembly hall and gymnasium, and a fireproof building to house the valuable museums and libraries. In accordance with the action of the board, the armory and athletic pavilion, to be temporarily used as a gymnasium, constructed in a substantial manner of brick, at a very modest cost, with furnishings, of about \$36,000, was completed and opened February 22, 1905. The building gives complete satisfaction, and it is considered marvelous that so much could be accomplished with the sum of money used.

In accordance with the decision of the board at the date above mentioned, the contracts have been let for the erection of a fireproof building, of the general size and style of the Hall of Liberal Arts. This building has been planned after the careful consideration of museum buildings for natural science collections, to be ultimately wholly used as one of the most modern halls of natural science, while temporarily the library and assembly hall will find a home within the building in order to alleviate the distress for a proper library building and a proper assembly hall.

By this action the board has met the most pressing needs in these directions in the shortest possible time without wasting anything in mere temporary construction. This combined building, now in process of erection and above the second story, already justifies itself in the eyes of all beholders in its style of architecture and location, giving promise of a substantial and appropriate front in connection with the Old Capitol and the Hall of Liberal Arts for the Old Capitol campus.

In accordance with the action of the last General Assembly, making special appropriation of \$50,000 toward an engineering building, the regents provided, June, 1904, for a committee rep-

resenting the regents and faculty, to visit certain colleges to examine the engineering buildings with a view to determining the character of the engineering building which should be constructed. As a result of the studies and report of this committee, the board adopted plans and specifications for the first part of a building which will ultimately give for the College of Applied Science one of the most complete and modern buildings of the kind for education. Ultimately the board decided that this building should be substantial, fireproof, and of stone, in accordance with the general policy recently followed by the board and commended by the sentiment of legislators. The building is adapted to instruction of the highest, or university, grade of work in the subjects concerned and for the individual instruction of the students. The walls of the building are substantially completed, and it is hoped that it may be in use during this academic year.

In order to complete the Hall of Natural Science, give space needed, and to have the building symmetrical with its companion building, the Hall of Liberal Arts, it became necessary to remove the old science building. It has been removed without any appreciable damage from its site on the Old Capitol campus across the street to the northwest corner of Capitol and Jefferson streets. This noteworthy feat has been accomplished at a relatively small expenditure, considering the value of the science building, and the building becomes more useful than ever with greatly enlarged facilities in the basement.

The delay in the erection of a gymnasium proper made it necessary to rent quarters for a women's gymnasium. The importance and growth of work in the instruction of women in physical training made it impossible to use longer the small basement in the Hall of Liberal Arts. The basement of Close Hall, rented by the regents and equipped with baths at their expense, bridges over the present necessity.

## LABORATORIES.

In accordance with the action of the last General Assembly establishing the state bacteriological laboratory at the University, under the control of the State Board of Health, there has been the best possible co-operation between the State Board and the regents. Quarters have been provided in the new medical laboratory building, and the regents co-operate with the Board of Health in furnishing the equipment, which in turn is



of use in economy and instruction in the College of Medicine.

In the development of the laboratories of the University, so useful for the practical service of the State and to carry out the modern methods of instruction, there has been established the laboratory of pharmacology, and it has been housed temporarily in the new medical laboratory building.

The laboratory of surgical mechanics has been established in a part of the Clinton Street building.

#### THE COLLEGE OF LAW.

A blow was given to the College of Law by the action of the Twenty-ninth General Assembly, which has been construed by some without any judicial procedure so that Judges H. E. Deemer and Emlin McClain, of the supreme court, resigned their lectureships in the College of Law. The regents have gone as far as they could to repair the evil in electing Judges McClain and Deemer honorary professors of jurisprudence and requesting them to deliver such lectures as they may be able to give in connection with their other duties. These judges without compensation have given short courses of lectures, but it is still a source of loss to the State and regret at the University that these among the most distinguished instructors in law in the land, may not give more extended services, since it would seem that their preparation makes it possible for them to do so without limiting their services upon the supreme bench. It is hoped that the General Assembly may pass some specific act in these cases.

The lectures secured from Judge Towner have helped to fill the gap.

#### THE COLLEGE OF APPLIED SCIENCE.

Engineering, included in the original plans of the University and slowly developing for many years in response to the demand for increased facilities in engineering education, fostered as rapidly as the meagre funds given to the University would permit, especially in recent years, but suffering from losses by fire, was more fully recognized by the organization of the School of Applied Science. This school has so thriven under its first director, Laenas G. Weld, that it seemed wise to give it a full college organization. Professor Weld, already burdened with the headship of the great department of mathematics and deanery of the Graduate College, had repeatedly sought to withdraw, and it became necessary to select a new leader. With

great care after extensive search, Professor William Galt Raymond was selected and persuaded to come from the Rensselaer Polytechnic Institute of Troy, N. Y., in September, 1904. The rapid progress of the school under his vigorous administration, with the impulse given to it by the last legislature in its special appropriation for a building and dam, and the increased attendance of students and additions to the faculty, justified the organization of the College and the promotion of Mr. Raymond to be its dean. An able staff has been associated with him in the departments of steam and mechanical engineering, of descriptive geometry, of electrical engineering, superintendence of shops, and a second professor has been added, the new head of the department of physics.

#### ALUMNI

In a large sense, the most useful publication for university purposes for the period is that of the "*Alumni Register*," prepared by a committee of the alumni who gave their services, after extensive correspondence and upon the basis of a card catalogue prepared freely through a series of years by Miss Alice B. Chase. The regents, in order that they might have copies of this catalogue and the benefits generally of it, made a small contribution to be expended for printer's work and supplies.

#### REPAIRS AND IMPROVEMENTS.

In order to make the hospitals so far as their construction will permit aseptic, and to keep them renovated and cheerful, from time to time considerable expenditures have been made in the way of repairs in the summers of 1903 and 1904.

The university hospital is connected with the Iowa City Electric Light Company, so that it is now possible to have the most delicate operations performed, when emergency arises, with the advantage of electric light.

The central heat, light and power plant, with connecting mains and tunnels, has received close attention and been enlarged and improved in the interests of the utmost economy. The addition of the new buildings has called for the addition of two new boilers to the battery of boilers. The coal bunkers attached to the rear of the power plant have made it possible for such a reasonable and safe storage of coal to be made as to pre-

vent a coal famine, and the construction has been most timely in connection with the interruption of transportation due to storms or strikes.

On account of the inadequacy of the appropriation by the Thirtieth General Assembly of \$10,000 for tunnel and extension, the regents being obliged to heat the two new medical buildings and the armory, conduits for electric wiring and wood casing for steam pipe connections had to be used. These conduits were in place of proper tunnels. The extension of the original brick tunnel was made with a concrete tunnel from the entrance of the old brick tunnel to the old Capitol, and the conduits make the extension from the point of connection with the new Hall of Natural Science. The best kind of this cheap construction to which the regents were driven was used and is serving its purpose very well at present. This year, in the interest of economy, the conduit has been extended so as to connect with the central heating plant the homeopathic hospital, chemical laboratory, and University hospital. This does away with the local plants and reduces the number of employes.

No small appropriation of the legislature has given further or more immediately visible improvement than that of \$8,000 for paving and sidewalks. The south front of the University on Washington street from the west line of Clinton street to the west line of Capitol street has been paved and a cement sidewalk laid. The hospital campus has had cement walks laid across it, and cement walks on its south and west sides, together with curbing and preparation for paving a driveway across this campus. The new walks to the medical building could only partially be laid in cement. The fund was insufficient to make other than temporary wooden walks to the new armory or to put in much needed permanent walks on the Old Capitol campus.

#### UNIVERSITY Y. M. AND Y. W. C. A.

The University Y. M. and Y. W. C. A. have become increasingly effective in the way of maintaining a free employment bureau, canvassing the city to learn of work for students, and in securing lists and data regarding rooms and board. They have also acted in behalf of the University in meeting incoming students at the trains and guiding them about the town.

#### UNIVERSITY COMMENCEMENTS.

Indicative of the coalescence of the different colleges in one University, is the success of the common commencement for all colleges. The commencements have become historic events with noteworthy addresses, by United States Senator George Frisbie Hoar in 1903, on "American Citizenship;" in 1904 by the Hon. George D. Perkins, on "Education as Related to Life;" and by Charles Warren Fairbanks, Vice-President of the United States, in 1905, on "A Chapter of American History."

#### EXHIBIT, LOUISIANA PURCHASE EXPOSITION.

Despite the fact that no appropriation was received from the legislative World's Fair Commission, and that the regents lacked funds that they could use for such a purpose, largely by the voluntary services of different members of the University and the use of certain illustrative material on hand, while the University had no exhibit in the proper sense of the term, the excellence of the University so far as it was shown, has caused the award of a silver medal.

#### DENTAL AND MEDICAL ALUMNI CLINICS.

The establishment of these annual clinics, the first the dental clinic early in 1904, and the medical clinic in May, 1905, is indicative of the spread of the spirit of the practical service of the State upon the part of the University. The dentists and physicians from all parts of the State attending in force, and not less than two hundred at each meeting, learn of the latest in their professions and bring their contributions from their experience to reinforce the theoretical instruction at the University.

#### GRADUATE COLLEGE.

The Graduate College, established in 1900, has continued to prosper and to fulfill its mission as a nucleus of genuine university development, not only for different colleges of the University, but for the other colleges of the State. With the approval of the presidents of some "standard" colleges of the State, a system of scholarships in these standard colleges, as proposed

originally by Regent Babb, and approved by the graduate council in 1902, and adopted by the regents in 1904, has been established. By this means one scholarship in the Graduate College of the University was established for the benefit of the graduates of each of the standard colleges of Iowa. The majority of these colleges have been able to meet the standards of preparation for such graduate students and have enjoyed these scholarships.

It is thus possible not only that graduates of the University at Iowa City, but of the other institutions, who are gifted and deserving, should receive the advantages of highest education within the State.

#### SUMMER SESSION.

The two summer sessions of the University, continuing six weeks from the time of the June commencements, have not only maintained the steady increase in attendance which has marked the summer session since its establishment in 1900, but have especially increased in value in the quality of the preparation and work of the students and school men attending. Heads of departments in the University, occasionally assisted by the heads of departments in sister institutions, have for the most part carried the work, and upon a university grade. Many of the school men of the state have been attendants, and there is a high degree of enthusiasm. The last vestige of the summer session as a summer *school*, has disappeared, and it is now properly recognized as a prolongation of the time of instruction in the graduate and liberal arts colleges.

There is beginning to be a call for instruction in some of the professional schools; indeed, such instruction on the graduate basis was given by the department of anatomy in the College of Medicine.

#### POLICY OF DEVELOPING DEPARTMENTS IN COLLEGES CO-EXTENSIVE WITH THE UNIVERSITY.

In accordance with the policy of securing greater efficiency and economy, several departments in the University have been combined. Where formerly there were professors and assistants on part time in several colleges, a university professor has risen who has been allotted as occasion might require to work in the different colleges. Duplication, therefore, has been reduced to

a minimum, the educational work has been laid out with uniform purpose, and economy of administration secured. Prominent illustrations of this are the union under one head of the departments of chemistry in the College of Liberal Arts and the Colleges of Medicine and of Pharmacy. The separate departments of animal biology and zoology have similarly been combined, and for the present at least, the former separate departments of anatomy and histology. The department of geology embraces that of mining and metallurgy, as in turn naturally, the department of botany includes that of forestry.

#### THE HOSPITALS.

The two University hospitals have been crowded as never before, but have made their best financial, as well as professional and educational record. So great was the pressure upon the hospital of the College of Medicine that it became necessary to lease a house for the nurses' home. It never was desirable that the nurses should be housed in the same building with the patients. The cottage secured for the purpose is in turn so overcrowded that again it has become necessary to have some of the nurses in the hospital, and a second cottage needs to be rented for the nurses and the maternity cases. The rooms vacated by the nurses in the third story of the hospital have been adapted to hospital uses, and still the capacity of the hospital is totally insufficient.

#### LAND PURCHASES.

The appropriation of the Thirtieth General Assembly of \$25,000 for purchases of additional land to enlarge the campus was expended as shown in the Secretary's report, at pages 80 and 110. It would have resulted in economy as well as great convenience if the total \$50,000 asked from the last legislature had been granted, as there is constant appreciation in the value of lands, particularly about the University. The development of the plans for the enlargement of the campus have been retarded, but what has been accomplished confirms the wisdom of all the appropriations made, and it is now apparent that further appropriations for land should be made.

In October, 1904, the building committee of the regents appointed a committee consisting of the Superintendent of Grounds and Buildings, Professor Raymond, the President of

the University, and Professor Macbride, to prepare some plan for ornamenting the campus and grounds, and to submit the same to the next meeting of the Board. This committee soon found the need of expert advice, and the Board employed Olmsted Brothers, landscape architects, of Brooklyn, Mass. Mr. John C. Olmsted visited the University and spent some time studying the campus and environs. The report of Olmsted Brothers is such a valuable contribution, outlining plans for the future arrangements of the grounds and buildings, that the regents ordered it printed.

The first demand of the report is for the acquisition of more land. It is recommended that the "policy should be for the University to acquire gradually as opportunity occurs, the three blocks of land south of Iowa Avenue and east of Clinton street, several blocks of land on both sides of Capitol street and Clinton street north of Jefferson street, the block of land west of Clinton street and south of Washington street, the remainder of the block west of Capitol street and south of Washington street, the two blocks of land west of Madison street and south of Washington street, and north of Iowa Avenue to the river.

"In addition to the above described tracts of land, the University should acquire from eighty to one hundred and sixty acres or more of land west of the river, from the Burlington Street bridge northward, partly for the preservation of the landscape and partly as reserve sites for such state institutions as can desirably be affiliated with, or located near, the University, and which, being self-contained, would not necessarily as a matter of convenience need be located in the midst of the city.

#### DESIGN TO CONTROL EXTENSIONS.

"While the acquisition of the above-mentioned land will be exceedingly desirable, merely from the general motive of providing for future necessary buildings, it should be constantly recognized that the acquisition of land, and the assignment of it for special buildings ought to be controlled by definite motives of design. The various classes of buildings should be grouped together according to their uses and also in suitable relation to the nucleus of the University which must ever be the Old State Capitol." \* \* \*

"To any architect it would be obvious that future buildings outside of the Old Capitol campus should be located along the sides of the axial avenues, running north and south and east of from the Old Capitol building. A considerable part of the land north of Iowa Avenue has already been acquired for University purposes, and the motive above suggested should lead to the acquisition of all the land on the south side of Iowa Avenue, although it is hardly to be expected that this process can be completed in the near future."

The report approves of the primary design for the location of

buildings in the Old Capital campus suggested when the liberal arts building was located by the Messrs. Van Brunt and Howe. The report points out how a park system and boulevards to be developed by the city may radiate from the University's enlarged and improved grounds. It is a pleasure to note that Iowa City has voted to have park commissioners and is preparing under the act of the legislature passed in 1902, to develop a park system, co-operating with the University and promising, with the present improvements afoot in the University, to give us one of the most beautiful university cities in the country. Indeed, already certain citizens of Iowa City have made a valuable gift of land on the river front adjacent on the south to the present University holdings, for the purpose of erecting a power house and hydraulic laboratory in connection with the new dam. This gift not only gives the most desirable location for the dam and extends the river front of the University, but preserves intact the athletic field.

The report of Olmsted Brothers, under the title, "Designs of Buildings," well says:

"The time is particularly opportune for this University to adopt desirable rules affecting the appearance of buildings, because they have but recently begun upon an era of building construction which is a great advance upon all that has been done by it previously in that line, with respect to magnitude, substantiality, fire resisting qualities, and architectural style. Four important buildings are already constructed or are under construction in one of the classic styles, and of which the exterior walls are made of Bedford limestone. This being the case, it seems to us obvious that not only the two proposed buildings southwest and northwest of the Old Capitol should be erected of the same material, and in the same style, but that all other important buildings recognized to be permanent, should also be built of the same material and in the same style. If particular cases arise in which it should be thought that this rule would involve too great expense, we believe that the proposed building should either be reduced in size to bring it within the appropriation, while conforming to the rule, or else that the building should be made frankly temporary in appearance with respect at least to its exterior walls. If the walls are built of brick, the brick should be of cheap quality and there should be no attempt at decorative architectural detail, either by means of stone trimmings or elaborate cornices, porticoes, and other features."

The report deals also with the future buildings which will be required, and makes suggestions as to their location upon what will be one of the most beautiful and compact campuses in America.

## THE DAM.

The appropriation of \$10,000 by the last General Assembly for a dam and water power makes necessary, in order to use the bare dam, and as was understood by the last legislature, a further appropriation for a power house and hydraulic laboratory and for the transmission of the power to the University buildings. The gift of land above alluded to and the stimulus of the Iowa City Park Commission are not the only signs of immediate results of the legislature's wisdom in starting the dam improvement. The committee of the Iowa City Commercial Club appeared before the regents in January, 1905, and intimated that they believed the citizens of Iowa City were ready to fulfill any proper conditions suggested by the regents. The regents requested that the citizens, as a condition of building the dam, secure a release for the regents from all property holders who may be damaged by the construction of the dam at the place designated, or the filing of a bond or other agreement, by which they will agree to pay any damages that may accrue to the property holders by reason of the construction of the dam. The citizens have filed a bond to the effect required, which has been accepted as satisfactory by the regents. The spirit of cooperation on the part of Iowa City with the regents is one of the hopeful signs of the times.

## TREASURER'S ACCOUNTS AND LANDS.

The auditing committee of the Board of Regents, in the two annual reports made after thorough scrutiny, find the Treasurer's accounts carefully kept. They say the securities seem to be good and satisfactory in every case. They requested the Treasurer to furnish a list of all the lands now belonging to the University, and also a list of all the lands belonging to the University that are rented, showing the rents received. These lists have been printed, so as to be easy of reference and access in the record of the Board of Regents, 1905.

Contracts have been made with the banks whereby the University receives 2 per cent interest on daily balances in bank.

## NEEDS OF THE UNIVERSITY.

Having set forth at some length the present condition of the University, the progress made by it during the past two years, and the use made by us of the funds committed to our care by

the State, we would briefly set forth the more imperative needs and demands of the University which require appropriations and aid from the State at this time.

## MILLAGE TAX.

The present millage tax of one-fifth mill annually for the erection of buildings will expire in 1907. To show that it is imperative for the growth and prosperity of the University that this tax should be extended, it is only needed that we should enumerate the buildings which are so imperatively required to supply its wants at this time, and which will require for their erection much more than can be raised by a one-fifth mill tax for five years beyond the period already provided for. Without elaboration at all as to the needs for the buildings mentioned, any one familiar with the University will readily concede that the erection of such buildings in the immediate future is an absolute necessity.

A building for the College of Law, which is now crowded into the second story of the Old Capitol building, without any adequate library facilities or other things to enable it to do its work.

An Assembly Hall of sufficient capacity to contain the whole body of students, which is temporarily provided for in the new science building, but which can only be occupied for this purpose for a very brief period.

Making fireproof the Old Capitol building.

A library building.

Extension of the engineering building.

Chemical laboratory.

Astronomical observatory.

Building for gymnasium, temporarily housed in the building designed for athletics and armory uses.

Woman's building, to provide a home for women students.

Commons for men, where substantial and wholesome board can be secured at cost.

Buildings for geology, for botany, and also for physics, together with a number of other important structures, will be needed in the near future.

It will readily be seen that the demands for these buildings will more than exhaust an extension of the millage tax for a period of five years, and provision should be made for it at this

time to the end that plans for the erection of future buildings can be made looking to the erection of those most imperatively demanded, running through a series of years.

#### INCREASE OF SUPPORT FUND.

One of the most pressing needs of the University at this time is an addition to its support fund. The increase in number of students demands a corresponding increase in the number of instructors, and increase in the salaries of some of the professors and instructors is also demanded in order to prevent the continued loss of our best men and in justice to the devoted men who remain with us and are cramped in their means for development and study, and to enable us to secure the talent required to maintain University standards in its staff of instruction. A schedule will be submitted to the legislature which will show the requests of the departments, aggregating an increase of much more than \$50,000 annually for this purpose. The regents with regret have reduced and denied or postponed items, on account of other demands, until after the present General Assembly should meet. If the members of this assembly could have been present at our last meeting and seen the hardships caused by the want of proper funds, they would be more willing to give the sum asked at this time. In view of the many demands made upon the legislature, we have determined to cut down and ask the lowest possible sum which we believe is adequate to conduct the university on the plane that it should be. We therefore request that the support fund be increased \$35,000 annually each year hereafter.

#### PURCHASES OF LAND.

As has already been set out in this report, one of the most pressing needs of the University is increased land upon which to erect buildings in the future and to properly develop the University. We regard it highly important that these lands should be secured at the earliest possible day, as each year the lands adjoining the present University campus are increasing in value and it requires larger and larger appropriations in order to make the necessary additions. We therefore ask at this time an appropriation of \$50,000 for the purpose of purchasing additional lands and grounds.

#### EXTENSION OF HOSPITAL.

In enumerating the needs of the University for additional buildings, we said nothing in regard to the hospital, but the most imperative need is for increased room in our University Hospital. During the last two years it has not only been crowded, but a large number of patients were unable to be accommodated there. Patients have been turned away, the poor of the State have suffered for proper care, and the clinic and facilities for bedside instruction have been constricted. It is not scientific or humane to require the continuance of our present hardships. The medical college is increasing rapidly in the number of students, and the demands for increased clinics is the great crying want of that college. This can only be furnished by increased hospital facilities. The present hospital was constructed with a central or administration part and one wing, which makes provisions for about sixty-five beds. An additional wing of fireproof construction, which was originally contemplated in the design and plan of the building, is not only imperatively demanded but would cheapen the cost of caring for each individual patient and make the hospital self-supporting, aside from the building and heat. This is a matter which can not be longer delayed without great damage to the medical college and the loss of students to it, and cannot be provided for out of the millage tax as that is already anticipated to meet the payment on contract let for the erection of the natural science building. We have had careful estimates made by the architect as to the cost of such additional wing and equipment for the same, and find that it will require at least \$75,000. We therefore respectfully ask a special appropriation of \$75,000 for that purpose.

#### ENGINEERING SHOPS AND HYDRAULIC POWER HOUSE AND CONNECTION.

Another item of building which we do not enumerate in the list of buildings to be provided for by the future millage tax, is the engineering shops and power house in connection with the dam. Our reason for omitting these important items was their immediate importance and that it was unwise to defer their erection until they could be cared for by the tax. As has already been stated in this report, the special appropriation for the erection of an engineering building which was supplemented by

a small amount of millage tax, was used in the erection of a part of the main building, but shop room was not provided for and shops to be used in connection with that work are one of the necessities which demands immediate attention. Second only to the immediate enlargement of the hospital, comes the completion of what goes with the dam provided for by the last general assembly, and which will be completed this season. The investment in the dam is useless commercially and for educational purposes unless supplemented by an appropriation for the power house and equipment of it and the connections for the transmission of power, all of which was asked for from the last general assembly but not provided for. The construction of the power house and its equipment, to be used in connection with the dam and the engineering shops, will cost \$35,000, for which an appropriation is asked at this time.

#### EQUIPMENT FOR NATURAL SCIENCE HALL.

The contract for the erection of the Natural Science building requires that it shall be completed by the first day of January, 1907, and from the progress made with the work we believe that its construction will be completed by the time named in the contract. Provisions must be made at once for the equipment of that building as that cannot be deferred until the building is completed. The orders for equipment must be placed early during 1906 to the end that they may be ready to be installed upon the completion of the building. The equipment of this building will be somewhat expensive, as it will involve a large number of expensive cases for the housing and care of the large and valuable museums which will find a home within its walls. In addition to this there will be the equipment in the way of cases for the library, chairs for the assembly room, and other equipment. The estimates made for the proper equipment of the building exceed \$40,000. We have asked an appropriation of \$35,000 for that purpose.

#### GENERAL EQUIPMENT AND SUPPLIES.

The law providing for the millage tax does not allow the regents to use any part of that tax for equipment and supplies for the buildings that are to be erected. There are no funds available for this purpose, and it will require at least \$10,000

during the coming year to furnish the necessary equipment for the engineering building and other buildings not provided for heretofore, and we ask an appropriation for that purpose.

#### LIBRARIES.

One of the most immediate needs connected with the University is its libraries. The last General Assembly made an appropriation for the biennial period of \$10,000 a year for the support of these libraries. This has been found to be barely sufficient for that purpose, and we think it would be the part of wisdom to make this appropriation an annual appropriation instead of special, and to make provision for \$10,000 annually for the support of the libraries in the University, and we ask appropriation for that purpose.

#### REPAIR AND CONTINGENT FUND.

The legislature has already provided for an annual repair and contingent fund of \$7,500. This should be increased \$2,500 annually. The last General Assembly was asked to grant \$10,000 annually, based upon the experience of our deficits in this fund. For a series of years the property of the University has not been properly cared for from lack of funds. The old buildings go down rapidly and the new buildings naturally add something for their ordinary care and protection. We are far below the per cent allowed by any business firm for the upkeep of our investment in buildings. This additional amount is imperatively needed for the proper care and preservation of the buildings committed to our keeping.

#### PAVING AND SIDEWALKS.

It will require an appropriation of \$5,000 to supplement the appropriation heretofore made in order to provide a proper fund for the necessary paving, sidewalks and grading which will be required during the year.

#### NEW BOILER.

As soon as the natural science building is completed and it becomes attached to the present heating plant, it will necessitate a new boiler in that plant of at least 300 horse power. The estimated cost of this is \$3,500, and we ask a special appropriation for the purchase of such boiler. This is one of the necessities that can not be deferred.

THE STATE UNIVERSITY.  
SUMMARY OF APPROPRIATIONS ASKED.

CONTINUANCE OF MILAGE TAX FOR FIVE (5) YEARS.

Annual appropriations:

Increase of support fund .....	\$ 35,000	
Support of libraries.....	10,000	
Increase of repair and contingent fund.....	2,500	
		\$ 47,500

Special appropriations:

Purchase of additional lands.....	\$ 50,000	
Wing for hospital and equipment.....	75,000	
Engineering shops, hydraulic power house, power connection with dam, and equipment .....	35,000	
Equipment for natural science building.....	35,000	
General equipment and supplies.....	10,000	
Paving and sidewalks.....	5,000	
New boiler.....	3,500	
		213,500
Total.....	\$ 261,000	

We have now presented to you, and through you to the General Assembly, the condition of the University, and in connection with the report of the president and secretary, a full and detailed report of the expenditures during the biennial period, and what we believe to be the imperative and present needs of the university which demand at the hands of the legislature additional appropriations. In making this report we have at all times been conscious of the demands of different departments of the state for support, and have endeavored to curtail our requests to the lowest possible limit consistent with the growth and advancement of the University such as we believe the people of the state have a right to and do demand at this time. Iowa has a proud record in the past, and her people have a right to expect at our hands ample facilities for educating her children.

Respectfully submitted,

CHARLES E. PICKETT.  
ALONZO ABERNETHY.  
PARKER K. HOLBROOK.  
W. I. BABB.  
CARROLL WRIGHT.  
J. W. LAUDER.  
THOMAS B. HANLEY.  
W. D. TISDALE.  
V. L. TREYNOR.  
JOSEPH H. ALLEN.  
JOE R. LANE.

*Regents.*

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## Report of the President.

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## REPORT OF THE PRESIDENT.

September 26, 1905.

*To the Honorable Board of Regents:*

GENTLEMEN,—In accordance with the statute (Code of 1897, section 2641) I respectfully submit the following report technically covering the biennium from July 1, 1903, through June 30, 1905. You will be detained but by a brief review of significant facts and figures in the biennium in the light of the present moment. The body of the report will consist of excerpts from the annual reports of 1903-04, 1904-05, already presented to you, together with the excerpts from the reports of the heads of departments of instruction and administration.

### ATTENDANCE.

The first fruits of the policies consistently followed by the board through a series of years are evident. In attendance the last year of the biennium has been the "banner year" in the history of the University, 1,560; without duplication; 167 more than the preceding year. The prospects of attendance in the year now opening give promise of still greater increase. The raised standards have been maintained. It is evident that the tide in attendance, as was indicated in the last biennial report, temporarily checked by the raising of standards, has turned, so that in due time we may satisfy the desires of many in having one of the biggest, as well as one of the best of universities.

The general enthusiasm concerning the institution is encouraging, and is expressed in the following printed interview with one of the most prominent alumni and citizens of Iowa.

"I believe that the State University has launched upon the opening of a new and most prosperous era. The entering class seems to be larger and more representative than it ever was during my time in college. It appears to me that instead of going east to school, as a large portion of the Iowa youth did before the last year or two, they have begun to realize that our own state possesses an institution of education equal if not superior to any college in the country. While in Iowa City this fall I met any number of

freshmen whose elder brothers had attended eastern universities. In most cases they had been given their choice of colleges and had decided upon the home university."

#### QUALITY OF ATTENDANCE.

A comparison of the figures in the registrar's report is indicative of much more than an increase in attendance. We are gaining in prominence as is shown by our attracting students whose residence is in a wider number of foreign countries and states—32 such countries and states in this biennium, as compared with 27 in the preceding. In Iowa we continue to draw from every county in the State, and have a wider range of place of birth—57 different states and foreign countries, as over against 48. In the age of the students we have a greater degree of maturity. There is a decidedly smaller number at the earlier ages, 16 to 19; a great increase in number between 20 and 30, and a remarkable increase in the number between thirty and forty, while the superior limit has fallen from a student of 61 to one of 51.

In the occupation of the parents there is a noteworthy increase in the children of farmers—783, while all occupations from laborer to those of the professions, including ministers, are well represented.

In preparation for the University there is a steady increase of the graduates of colleges and universities in Iowa—257 in this biennium, as compared with 117 in the preceding biennium—while the number not graduates has slightly fallen. This will show a sound condition to our friends in the volunteer colleges. There is a falling off in the number—795—entering as graduates of accredited schools, as against 894 in the preceding biennium. The number not graduates from these schools is a lower one, 142 in place of 171. It may be this is an insignificant variation, or that these graduates are coming through other schools and universities. There is a marked increase in the number coming from normals, 94 in place of 32; those not graduates of normals, 58 in place of 17. The same is true with reference to business colleges, 41 in place of 13. It is clear that the raising of our standards is giving us better prepared students.

As regards morals and character, the students seem more earnest every year, and the religious statistics indicate a percentage of membership from the churches which has increased from 1,222, reported in the last biennium, to 1,305. The per cent of church members, which is some 12 per cent above the

average in state universities, is 64.5. Among the rapid increases in the attendance from the larger denominations may be noted an increase in Catholic students of 33½ per cent.

#### NEW BUILDINGS AND CAMPUS.

Naturally the public is impressed by the three new buildings opened, the rising walls of two others, the removal of the old Science Hall, the erection of the dam, the enlargement and improvement of the campus. At length some inkling of the ultimate beautiful campus and substantial and modern university halls has overcome the prejudice that there was not room for the University in its original location. It is beginning to be seen that few institutions have better or more beautiful possibilities. The report of the landscape architects opens a vision of the future and confirms the wisdom of the plans and improvements begun.

#### THE UNIVERSITY'S INNER PROSPERITY.

Gratifying as are the visible changes for those at work within the University, they are but reflections of the increase of genuine university spirit and co-operation, and of improvements in equipment, courses of study and methods of work. The University note, as contradistinguished from that of the college so much emphasized in recent years, is still dominant. It has been expressed in the words of prominent members of the association of American universities. President Hadley says:

"By university is understood a soundly established institution of learning that is giving post-graduate or advanced instruction to its students.

"It is impossible to draw a distinction between university studies which are non-professional and those which are professional in their character, because, in our modern institutions, much of the so-called non-professional work of the graduate department is intended as a preparation for the calling of the teacher and much of the work of the professional schools is occupied with actual research. The problems of the different departments are so connected and interwoven that they have to be treated together in the universities themselves."

President Eliot says:

"We must widen the implication of the learned professions; they used to be classed as medicine, the ministry, law, and teaching, but now at least seven more should come under the term, the four engineering professions, and those of chemistry, architecture, and landscape architecture. That institution is not a university that does not claim all the learned professions and serve them."

The ideal toward which we have been striving is set out in several particulars in a recent address by Clarence John

Blake, M. D., professor in Harvard Medical School, on "Collaboration in Medical Education." Laboratories for research and for the supply of teaching material should be collaborated with clinical laboratories, and a group of hospitals under the control of the teaching institution; collaborative relations of the intra and extra mural laboratories and of the teaching body are called for; the promotion of collaborative relationships between the courses in a medical school and in the other colleges of the University as well as in the different courses of instruction in a single professional college are to be sought.

#### NEEDS—INCREASE OF INSTRUCTORS AND SALARIES.

Concurring heartily with the report of the regents in the needs set out permit me to emphasize the necessity for furnishing additional instruction and increasing in many cases inadequate salaries. This biennium we have discouraged the development of new work and have concentrated upon that in hand. We have tended to curtail the number of those giving instruction and to seek to have the best grade of instructors. The point is now reached with the rapid increase in students where we must add to the staff and at the same time, in order to keep up the grade of instruction, we must raise the salary standards. The University of Iowa discloses a dangerous weakness at this point. The average salary of a full professor in eight mid-west State universities last year was \$2,315; in this University the average was \$1,717; so, in round numbers, \$600 below the average. In turn, the greater State universities are in competition in many things with institutions like Harvard and the University of Chicago; the average salary of a professor at Harvard is \$4,000.

The point becomes more critical when we know of the steps taken to increase the attraction of teaching positions in the older and private institutions. Harvard has just raised \$1,800,000 of a fund of \$2,500,000 "to increase the present totally inadequate amount available for the salaries of the teaching staff." Little Williams College, in Massachusetts, as a result of an effort of its alumni and benefactors, has just created a fund to increase the salaries to \$3,000 for the professors and to provide means upon which an aged professor may retire. The Carnegie pension fund from which, according to announcement, the State universities are to be exempted, it is rumored may be applied to some ninety-three prominent universities and colleges. This makes

it the more imperative that State universities bring their salaries up to the average, and that this University, so far behind the average of State universities, make some increase.\*

It is further suggested † that the average salary in the State universities mentioned has increased practically 10 per cent since the year 1898-99. It is needless to remark upon the increased cost of living during the same period, and the increased prosperity of the country, both perhaps contributing to action upon the part of boards for better payment of the teaching force.

The article upon which we have drawn for our figures is suggestive as to what approximately normal salaries are.‡ In 1904-05, in Kansas, 57 per cent of the professors received \$2,200; Nebraska, 47 per cent were receiving \$2,100; Minnesota, 48 per cent received \$2,400; Indiana, 53 per cent received \$2,500; Ohio, 1905-06, 36 per cent will receive \$2,500; Wisconsin, 33 per cent receive \$2,500; Wisconsin, ten deans and professors are receiving from \$3,000 to \$4,500. Illinois and Missouri also pay certain professors \$3,000 and more. "Taking the period beginning with 1898-9 and closing with the present academic year, 1904-5, it is seen from the complete data that in these eight universities the number of professors receiving \$2,500 or more has increased from 40 out of a total of 224, or about 18 per cent, to 89 out of a total of 285, or 31 per cent. On the other hand, the number receiving less than \$2,000 has decreased from 21 per cent in 1898-99 to less than 12 per cent at present."§

Some studies as to salaries of those of lower than professional rank will show that our closely bound burden bearers need increases. It is not proposed to develop a trades union scheme of uniform salaries, but to make adjustments compelled at this moment by the markets and useful in removing a sense of hardship, not to say injustice, upon the part of those employed by the State.

A consideration of the actual cost to the University per student is also an argument for an increase, as is shown not only by figures in my report for 1903-04, but by the studies of others like those of President Henry S. Pritchett. || By tables he

\* "State University salaries," *Popular Science Monthly*, September, 1905, p. 422.

(+) *Ibid* p. 423.

(1) *Ibid*, p. 429.

§ *Ibid*, p. 429.

|| *Atlantic Monthly*, September, 1905: "Shall the University Become a Business Corporation?"

shows the cost per student to run from \$306 in older private universities to \$167 in State universities, with the single exception of Minnesota, which in this particular is not comparable as it carries a large agricultural high school and students of like grade. Our average is therefore among the lowest.

Very respectfully,

GEO. E. MACLEAN.

EXCERPTS FROM THE PRESIDENT'S ANNUAL  
REPORT, 1903-1904.

ATTENDANCE.

The total attendance is 1,393, a decrease of 49 students as compared with the preceding year. Dean Currier says:

"The causes that occur to me to suggest are, first, a gradual advance in entrance requirements; second, the competition for students which grows more intense from year to year and which I am sorry to say is not always scrupulous as to means; third; a failure on the part of the college to impress the State with a just sense of its worth."

The University Examiner writes:

"The requirements for admission in four of the colleges have been raised from one to two years of high school work; in another college the requirements for graduation were raised by twelve months; and in three colleges the requirements for *admission* and the requirements for *graduation* have been increased."

The uniform enforcement of the entrance requirements during the last two years, detailed in the University Examiner's report, the possibly too strict administration of requirements for admission for conditioned students and for graduation, coincident with the increase in time in the extension of the college year from 6½ to 9 or 10½ months, and the addition of a year in the professional colleges necessary to bring these colleges up to the standards of the colleges in universities of our rank, focussed upon this year and the preceding year to retard the increase in numbers. The following table shows concisely the increase in standards:

	Credits required for entrance 1898-99	Credits required for entrance 1903-04
Liberal Arts.....	24	30
Law.....	18	24
Medicine.....	24	30
Homeopathic Medicine.....	24	24
Dentistry.....	8	16
Pharmacy.....	0	16

	Length of year.	Length of year.
Liberal Arts.....	9 months.	10½ months (including summer session.
Medicine.....	6 months.	9 months.
Homeopathic Medicine.....	6 months.	9 months.
Pharmacy.....	6 months.	9 months.

	Length of course.	Length of course.
Law.....	2 years.	3 years.
Dentistry.....	2 years.	4 years (1904-05)

The preceding three years upon the lower standards showed an increasing and the largest attendance the University ever had. It was anticipated that temporarily the attendance would be at least stationary, but in the end we would have not only, as the reports from their departments show, a better quality of work and a better prepared student, but in due time a natural increase. We ought now to be at the turning of the tide.

#### ANALYSIS OF ATTENDANCE.

An analysis of the attendance is encouraging as to the approval of certain prominent policies toward which the University has been working in response to a demand made upon it.

#### GRADUATE COLLEGE, INCREASE.

The Graduate College has increased this year from a total enrollment of 121 to 186, and this upon the "in residence" basis, makes a strong contrast with only seventeen in residence in June, 1901, at the time of the institution of the Graduate College.

#### SUMMER SESSION, INCREASE.

The steady increase in the summer session, opened only four years ago, from 100 to 215, puts another seal of public approval upon the effort of the Board and Faculty to serve the school system of the State and to help the student financially poor and oftentimes interrupted in his regular work. We must remember not to belittle the summer session, which is a real session of the University, by thinking of it as a mere *summer school*.

#### INCREASE OF WOMEN STUDENTS.

As the University perhaps has never had its share of women students it is encouraging to note in the report of the Dean of Women, a steady increase of attendance, from 344 in 1901, to 424 in 1904, probably by all odds the largest attendance of women in the history of the University.

#### FLEXIBILITY OF ENTRANCE REQUIREMENTS.

Without lowering the standards which had been raised in response to the demand of schoolmen and the practice of similar institutions, the University Senate, and in part, the faculty of the College of Liberal Arts, have inaugurated measures to fill in the gap between the University and the public school system involving one hundred or more high and other schools not meeting the requirements for four year accredited schools. And still more important, in response to an agitation among secondary school men and a general tendency crystallized in the report of the Commission on Accredited Schools of the North Central Association of Secondary Schools and Colleges, is the imparting of flexibility to entrance requirements. The requirements for admission to the College of Liberal Arts have now been made more flexible, so that while they are no less than they were before, they are more easily met by the graduate from the four year high school course.

In the zeal for raising standards and the tendency to become mechanical in the administration of American education with great school systems, almost to the point of becoming Chinese, institutions for higher learning and in part people's universities, like our own, should see that the boy or girl who wakes up somewhat late to the importance of a higher education, and especially the country boy and girl, should have a fair chance to prove out in the college.

#### APPROVED HOMES.

A year ago the Dean of Women, with the co-operation of some of the ladies of faculty families and of the city, began a movement for approved homes. She returns to the subject in her report, saying:

"It (the University) ought to provide more good homes for them, either dormitories or smaller boarding houses."

The Dean of the College of Liberal Arts takes up the subject:

"Last year I expressed the opinion that something ought to be done to provide better living accommodations for young women. I am now surer than ever that we must have one or two halls or dormitories with good rooms and board under such management that we can heartily commend them to parents and satisfy all reasonable expectations."

#### SCHOOL OF MUSIC.

Some wider opportunity for instruction in music than can now be had in Iowa City would draw students if one may infer from the inquiries in correspondence constantly coming to us. The lack of University funds makes the consideration of this subject at this time impracticable. It only seems to be open to us to encourage private enterprise to undertake a school of music under the shadow of the University. The excellent military band which the zeal of the present bandmaster and his fellow students have created with the most trifling aid from the University, is suggestive of the latent possibilities within the University in the general field of music.

## THE UNFOLDING UNIVERSITY.

The fair question put by a member of the Legislature, "Why do you need more money since during the last ten years the University has increased but about one third in attendance, while it has more than doubled its support fund from the State?" met the answer that a real, modern university in accordance with the plans of the pioneers was coming to fruition, and an emerging university is at the most costly as well as most important stage of its growth. The question called for the contradistinction between the university and the college, and for a study of the University in this year as compared with earlier years. To quote from a paper I prepared at the time:

"There are four distinct grades of schools overlapping at their points of contact—one, the lower and graded schools; two, high schools; three, colleges; four, universities. As the high school is to the graded school, so is the college to the high school. In turn, as the college is to the high school, so is the university to the college.

"The university is different in degree and kind from the college. It carries to the highest degree the work of the college. By specialization and application, by research and investigation, it is differentiated in kind. Naturally, it shows it is different in kind on account of the manifoldness of its relations through consisting of a 'complex of colleges.' It is in fact, an experiment station for advanced truth and its application. It covers all fields of knowledge. The University, from its name and nature, as recognized by the pioneers in the constitution of the State as the head of the public school system and as having many functions outside its gates in the service of the people as a people's university, must lend itself as the point for educational co-ordination. As history has shaped itself within the State the sphere upon which emphasis is laid for the University is the application of science in its broadest sense and philosophy, to humanity. In a similar manner at Ames, there is the application of science to agriculture, animals and mechanic arts and industries; and at Cedar Falls, the application of science to the art of teaching. From a modern point of view, the institutions of the Board of Control, including the penal, are humane and educational, and are peculiarly, therefore, related to the State University, affording a great practical laboratory for it, while it must serve the other institutions by special training of experts and by investigation.

"The experience of other states teaches plainly that for economy, efficiency, and the highest success of the institutions concerned, there must be one State university, while there may be several colleges, and that there must be something of separation of the colleges if they are to give the best results for the purposes for which they were established."

Answering more specifically what the University has to show for the money given it by the last two General Assemblies, enabling it to take higher rank among competing universities as contradistinguished from colleges, the following facts were brought out by the comparison of the University for the decade beginning with 1893-94: Number of students, 1,027; 1902-03, 1,442. The six colleges of ten years ago had increased to seven, the crowning Graduate College being the seventh, plus eight other organizations indicative of modern and practical application of the university with scien-

tific methods to life and letters, two University hospitals, two schools for the training of nurses, a School of Political and Social Science, University Extension department, Library School, and School of Applied Science.

To come up to time standards, there had been a great increase in the time given to instruction through the extension of courses.

These colleges and organizations have become a great group of co-ordinating institutions closely inter-related by combined courses and general cooperation with a consciousness of a common university life. A wider range of subjects and of elective courses had been offered. Taking a single college, that of Liberal Arts, the number of courses offered in 1893-94 was 102 as compared with 339 in 1902-03.

Let someone should object that an excessive number of courses are offered at present, a comparison was made with a number of courses offered in the liberal arts college of sister institutions, showing that there was not an excessive offering here. The comparison was:

Iowa.....	339
Chicago.....	1,086
Michigan.....	833
Wisconsin.....	661
Minnesota.....	528
Illinois.....	418
Nebraska.....	323
Missouri.....	313

The number of departments in the College of Liberal Arts increased from 17 in 1893 to 26 in 1902-03. A study of the present departments and chairs discovered the fact that there had been a symmetrical development. New departments and chairs are not likely to be set up on an ideal scheme but in response to some pressing demand.

The symmetry of development is seen in that there are seven departments in material science with 9 chairs; 4 departments of applied science, with 5 chairs; history, including political and social science, has 3 departments, 5 chairs; philosophy and education, 2 departments, 4 chairs; languages and literatures, 8 departments, 9 chairs; physical training, 2 departments, 2 chairs.

The increase in the staff of instruction, exclusive of various subordinates, was from 70 in 1893-94 to 90 in 1902-03. Earlier figures were not at hand to show the great increase in the value of equipment. There were great losses by the two fires of 1897—an almost total destruction of the library, and of 1901, the destruction of the medical college's valuable collections and museums, and South Hall with the furniture and equipment of the literary societies, and some losses to the historical and other departments in the building, including the department of civil engineering. These losses added to the many shortages due to the insufficient appropriations of earlier legislatures and the opening of the great Hall of Liberal Arts with increased fixed charges, made it hard for the University to catch up with itself.

To realize the full development of the University, a similar study of the increase in the courses, and in particular, in the use of laboratory, case and

clinical methods in the six other colleges, would be necessary but tedious. To digress: in making these studies for the legislature it was gratifying to find, despite the absolute increase in expenses in the University as compared with ten years ago, that upon the comparative basis when the same base was used, the University of Iowa was the most economical, or least expensive institution. The cost per student for the year 1902-03 in the liberal arts colleges is:

Michigan.....	\$138
Missouri.....	137
Wisconsin.....	134
Iowa.....	113

A comparison of the three universities without colleges of agriculture and mechanic arts, of the cost to each citizen in 1902-03, in the way of the total support fund from the State, again showed that Iowa either had not yet sufficiently unfolded, or was doing much more with less money. Michigan cost to each citizen, 16.8 cents; Kansas, 11.6 cents; Iowa, 7.2 cents. Gross per capita figures taking institutions as a whole, made up of different schools and kinds of work, need to be analyzed as the figures above have been, or they lose their significance and are misleading.

Could the members of the legislature sit with the Board of Regents as they struggle to make the estimated allotted expenditure for the University for the ensuing year come within the income, they would realize the justness of the sentences in the report of the regents as they urged the need of increased support fund: "If this income could be increased even \$100,000 at this time, the University would, under the conservative and economical management of its board, immediately take entirely different and advanced rank." The board will see the half developed condition of the emergent university, in that it will have to arrest, for lack of funds, the process going forward for the last four years of developing a group of teachers in each great subject. Positions of assistant instructor, instructor, assistant professor, professor, and the senior professor, the head of the department, have risen from one to the other. Until a new stage of development comes, the board will have to say to the existing departments, "We can not create new positions or pay for promotions, and chairs that have not yet developed into departments must rest content to remain chairs with such assistance as the labor put upon them demands." It will be a case of arrested development which, however, may prove a blessing in strengthening by way of concentration.

In a modern university, second only to the educational department, is that of the business side of the university. In the multiple relations of the university, the business side is essential not only from a financial point of view, but also from the educational. In accordance with this spirit, the Board of Regents, in June, 1900, passed a resolution calling for the presentation of a plan for the administration of the University, and a plan of administration was adopted by the Board on July 19, 1900. The full and nearest satisfactory operation of this plan of administration has been attained this year. We have slowly adjusted ourselves to the administration and have learned by experience and have secured the best results and the greatest economies.

It is the first full year of the operation of the close affiliation of the offices of the Secretary of the Board of Regents, of the Superintendent of Grounds and Buildings, of the Registrar, of the Treasurer, of the Matrons of Hospitals, of the University Examiner, of the High School Inspector, and of the President. The setting up of this administration, which seemed necessary for the accuracy and efficiency of the institution educational-wise and from the business standpoint, in part demanded by the Board of Control, will without appreciable increase of expense, care for the growing institution for years to come.

A comparison with other institutions show that the administration is carried on at a lower figure than elsewhere, as the following table will show:

Minnesota.....	\$33,156
Illinois.....	22,420
Michigan.....	18,300
Indiana.....	18,100
Missouri.....	15,940
Wisconsin.....	18,906
Nebraska.....	14,530
Iowa.....	14,436

In particular we must put emphasis upon our being a great teaching institution possessed, to be sure, by a spirit of research, original investigation and publication, but subordinating these things to the teaching side, increasing if need be, the schedule time of instructors devoted to teaching.

#### LEGISLATIVE RESULTS.

In their meeting with the legislature the regents sought to secure *adequate* means to complete the present stage of real University development. Some misapprehension arose as if the board had a sliding scale because of the difference between the figures for what has just been named "adequate means to complete the present stage of University development" and the lower figures of *imperative needs* to preserve what we have. The final appropriation of \$208,000 additional to present support funds voted unanimously by the House of Representatives, and by an overwhelming majority in the Senate, it would seem represents the will of the legislature to meet the imperative needs of the present. As this is the third Assembly in succession which, in response to the feeling of the people of the State that they wish a first-class University, has given increasing appropriations to that end there should be hope among the friends of the University that, by patient continuance in well doing, a more adequate support fund needed will come. In the meantime, it must be confessed that the lack of funds to increase the salaries of certain professors and instructors, who have scarce a living wage in view of the rise in the cost of living, presents an economic condition naturally fostering unrest and change.

#### ONE MODERN UNIVERSITY.

More significant than the additional appropriations was the indirect action of the Assembly in the naming the purposes to which the appropria-

tions should be devoted, as indicating that there should be one real State University at Iowa City and developed along modern and practical lines, the classic, professional, and technic side by side. The appropriation for engineering, developing water power, and buildings, and the thought of using part of the additional support fund for the school of applied science, can bear no other interpretation. Nothing could be more timely in this age of science, invention, and of industrial and commercial progress in the enlarged world's relations and competitions of our country.

In the world-wide era of commercial and industrial competition upon which America is entering, with its outlying possessions and international relations, of which the Panama Canal is but a single though gigantic indication, engineering education is most useful and popular. It is necessary in its mechanic arts form in connection with agriculture; it is *imperative* in its relation to the application of not only the geological, physical and biological sciences, but in its relation to the political and social sciences at any modern university. It is so imperative that the few antique universities started upon the classical basis, have been obliged to add their technical schools, as at Harvard, Yale, Columbia, and even Dartmouth College. Such is the progress of the application of science that our very medical schools must supplement their investigations and their service for the health of the people of the State by the help of the sanitary and municipal engineer. If Iowa is to hold her pre-eminence even in the political world, and to contribute her share to the leadership of America in the twentieth century, she must maintain *one great modern practical university*.

#### BUILDING ERA.

The continuance of the building era at the University is emphasized by the prospect of the opening of three new buildings for use this autumn. There stand practically completed, attractive to the eye and adapted to their purpose, the fireproof Hall of Anatomy, and the General and Clinical Laboratory for the use of the College of Medicine. The satisfactory plans and specifications for the modest permanent armory to be temporarily used also for the gymnasium, make it possible for the completion of this building this season.

The plans and specifications drawn as a result of study of your committee consisting of a regent, the curator of the museum, and an architect, of the most modern natural history museum plans in the world, and your orders to hasten this fireproof building by laying the foundations this season, give the greatest sense of relief to every one, for there has always been anxiety as to the hazard of having an invaluable natural history collection in a non-fireproof building. The increased room that will be given to the departments of science now woefully cramped in the Science Hall, by the removal of the Natural History Museum and department of zoology to the new building, will give an impetus to natural sciences second only to that it is anticipated will be given to engineering and the school of applied science. An inevitable sense of distress for these departments has brooded over the University ever since their self-sacrificing decision in 1897 to give precedence to the Hall of Liberal Arts. The temporary use of a part of the Natural History Hall for an assembly room seating about 1,800, meets the demand of the entire institution for a hearthstone and family altar.

#### LIBRARY SCHOOL.

The summer library school shares in the prosperity brought by the increased income for the library. Heretofore the University has had even to lean upon the Commission, which ought not to be the case, with reference to books. The report of the director of this school, Miss Alice S. Tyler, emphasizes the great success of the juvenile department, and of the extension of the courses into a second year's work. The enthusiastic recognition of the attendants upon this school at the meeting of the State Library Association was proof of how quickly the touch of the University brings loyalty and promotes the intellectual life in many centers of the State.

#### UNIVERSITY EXTENSION.

University Extension has moved forward under the directorship of Professor Macbride and the secretaryship of Professor W. C. Wilcox. There is an increasing demand and more lectures in sequences have been given than heretofore. Until we have larger means to furnish substitutes for the professors who may be in the field, we can not hope to do more than to meet the most urgent demands that come to us. The movement represents a democratic one in education and particularly becomes a people's university. There might possibly be a closer co-ordination with the work of the department of high school inspection and of some work done by the department of public speaking.

#### PUBLICATIONS.

The national and international relations of the University continue to extend, as the study of the public prints and of the proceedings of learned societies will show, not only in the contributions of members of our staff, but in the offices which they hold. A considerable list of publications by these gentlemen during the year is found in the reports.

#### THE HOSPITALS.

This has been the most brilliant year known in the history of both the hospitals.

The hospital of the College of Medicine reports an increase of almost 33½ per cent in the number of patients above that of last year, approximately 1,100. The Internal Medicine clinic has treated more than three times the number of cases cared for last year.

The number and variety of cases treated in the Surgical clinic exceeds that of any preceding year in the history of the college. The Nose, Throat and Ear clinic has treated a larger number of cases than in the preceding year. The number of clinics has been 108, and each one crowded. At no time during the year have we been able to accommodate all the patients that have applied.

#### HOMEOPATHIC HOSPITAL.

The director reports that, without contradiction, the last has been the best year since the hospital was put under the full control of the University.



## NURSES TRAINING SCHOOLS.

The one in the College of Medicine has enjoyed most of the usual lectures by the staff, and practical instruction by the principal.

The number of nurses is inadequate to take care of the greatly increased patronage of the clinics. Hundreds of calls for nurses to attend private cases have been refused because of the inability of the hospital to meet the demand.

## HOMEOPATHIC NURSES TRAINING SCHOOL.

The calls for nurses in private cases has increased the past year three fold. The superintendent says it can be truthfully said this has been one of the brightest years of our training school.

## GRADUATE COLLEGE.

Our junior college, representing one of the fundamental policies of the Regents in recent years, rivals every other college in its record. The dean sets the matter out, saying:

"Permit me at the outset to congratulate you upon the now well established success of the Graduate College and upon its prospects in the future. Out of a scattered and ill defined list of candidates for advanced degrees, mostly *in absentia*, and resident graduates pursuing sporadic studies, numbering all told scarcely eighty, has been evolved within the last five years a real college comprising over one hundred and eighty graduate students nearly all of whom are doing work in residence, while the great majority are regularly pursuing consistent major and minor courses. In fact, considering the conditions and limitations to which the college is subject, I feel reasonably sure—and take some degree of pride in the assurance—that we have attained, relatively, practically all that we may expect to attain in this direction; not that the college will not continue to grow and raise its standards, but that its future progress will be affected *pari passu* with that of the College of Liberal Arts in particular and of the University and its constituency in general.

"Special attention is called to the thesis subjects (of the candidates for degrees) which show, perhaps more plainly than any other data which could be cited, the great range of research work being conducted within the University. It is this, more than the satisfactory enrollment in the Graduate College, which marks the progress which we have made toward the attainment of real University standards and ideals during the past five years."

Someone facetiously, possibly ironically, remarked after the "standard colleges" had requested the establishment of Iowa Standard College scholarships, that the standard colleges had affiliated with the University. Let it be so. One of the great problems in the co-ordination of educational forces in Iowa is that of relating the volunteer colleges to one another and to the University for the common good of the commonwealth. This has been well called the college state, and it was a real University problem to complement these colleges rather than to compete with them. The graduate and professional colleges have had to raise their standards to satisfy the

denominational colleges, and having done this, they expect more and more to have the migration of the graduates of these colleges without the state turned hither. The competition of our College of Liberal Arts with these colleges must remain at a minimum, since our College of Liberal Arts must especially emphasize sciences and initial University subjects, and fill in its place in the public school system between the high schools and the graduate college.

In conclusion, I venture to say that the careful perusal of the numerous reports upon which this general report of mine rests, and a knowledge at first hand of the work and workers within the University, would convince anyone that this manifold institution is in the midst of a great constructive period. Essentially sound educational and business principles have been adopted and far reaching lines laid out which may be attained by co-operation and hard work. We can not stand or fall to ourselves. The cause of highest education, and in particular the honor of State universities is also ours. The co-ordination of educational forces in Iowa, so important for its future, is begun from the University, and still stimulating us by its opportunities, adds to our responsibilities.

## EXCERPTS FROM THE PRESIDENT'S ANNUAL REPORT, 1904-1905.

From every side comes the word of cheer that the year which began in clouds has been one of the best known to the University.

### BUSINESS SIDE.

The business side of the University was never more efficiently or economically administered in the departments of the secretary of the board and of the superintendent of grounds and buildings, now covering virtually the functions of purchasing agents, and savings of hundreds of dollars have been made in the use of students and professors in practical ways in the studying of markets and combining of purchases to secure wholesale rates.

There has been an entire reorganization of the janitor service, which has shown itself in the care of the grounds and buildings.

### UNIVERSITY PROFESSORSHIPS.

The consolidation of chairs in different colleges into single great university departments, as in chemistry, has lent itself to the efficiency and economies spoken of, and has had decided scholastic benefits in the making of courses of study, the groupings of students and knitting the colleges into one university. Your recent pursuance of the same policy in consolidating the chairs of morphology and zoology, and combining those of histology and anatomy, will extend the same advantages even to savings in building operations.

### STATE-WIDE CO-ORDINATION.

The pursuance of this same policy of co-ordination and combination in a state-wide fashion, and focussing at the University for the service of the whole State, such educational and practical movements as find their issue in a university, is another note of progress.

### STATE BACTERIOLOGICAL LABORATORY.

The State bacteriological laboratory in its first year, as the reports of the State Board of Health show, has not only established its 800 and more initial substations, but has been the means of correct diagnosis and cure of disease and the prevention of its spread. The opportunity afforded for practical instruction and illustration in this laboratory has added much to the advan-

tages of the colleges concerned. The State Board of Control and various superintendents of their institutions, by having consulting physicians and professors from the University, by courtesies shown at their institutions to our students, by affording clinical material, are rapidly advancing toward the realization of the ideal of the educational correlation of these institutions. We thus have examples of the way in which peculiarly a state university may contribute to a state outside the field of pure instruction of its students, and by which it may have the advantage of having the entire state for its laboratory.

In the relations of departments of social and political sciences, of commerce and of the applied sciences to the activities in their various fields, from philanthropy to those of manufactures, we have the further beginnings of what is most modern for an institution of this kind. The starting of a commercial museum, the indirect service of the state in statistics of the census, are symptomatic.

### GIFTS.

The extensive gifts and small purchases from the St. Louis Exposition have added to all the museums, classical, educational, commercial, and especially those of natural history, and ensure the continuance particularly of our natural history museum at the forefront. The beginning of the erection of a fireproof building for the department of zoology and its museum, is most timely, and stimulated by the erection of the building, numerous gifts are on their way to us. An unknown friend in the East, pleased with the spirit of the University in reaching the state in a practical kind of University Extension over and above that of a lecture and teachers' bureau, has made a gift, the first instalment of which is \$1,000, to provide illustrative material in teaching fine arts at the University, and from the University in the schools of the State. The Hon. Frank O. Lowden donated a prize of \$50 a year for excellence in debate and to stimulate success in recovering our past famous record in intercollegiate debate.

### UNIFICATION OF THE SCHOOL SYSTEM.

The maintenance of a living connection with the entire public school system which the University, by statute, is to round out by beginning at the points where the high schools leave off, has been more clearly brought out by the systematic inspection of the schools by an inspector the last four years, given wholly to this duty, by the publication of special bulletins, by the advice received from conferences of the secondary schoolmen and colleges, and especially by reinforcing the work of the initial inspector by visits from the professors in the subjects taught in common in the high schools and the University.

### INSPECTION OF SCHOOLS.

The closer alliance of the high schools and the University and colleges due to the interchange of studies in the schools of all grades has made more necessary than ever the frequent visitation of the schools. The thorough establishment in the West of the system of accredited schools in place of the

former system of examination of the individual student still prevalent in the East, has become a mark of Western advancement against Eastern education. It is believed it is in accordance with the best practices and theories of modern pedagogy. Iowa has become one of the most representative states in this respect and a leader in the high school commission on accrediting schools and board of inspectors for the North Central Association of Secondary Schools and Colleges.

The so-called standard colleges of the State have during the year amicably entered upon the visitation of the schools, while the University has continued the work as heretofore and will do so, giving every facility for these colleges to make such use as they see fit of the work of the University.

#### STATE GEOLOGICAL SURVEY.

The State geological survey, with its seat at the University, is furnishing sets of specimens to accredited schools and reinforces in science the inter-relations of the schools as the University library and the instructors in the fields of history, debate, public speaking, and so forth, have the inter-relations on the side of letters.

#### MANIFOLD STATE SERVICE.

The numerous unheralded relations of every department in the University, not only to the schools, but to the public, would surprise the people. The University has become an arm of the public service.

#### ALUMNI CLINICS.

The second alumni clinic of the College of Dentistry in February, and the first alumni clinic of the College of Medicine in May, were notable successes. The professions concerned participated, as they have reported, with great profit. Graduate courses for practitioners in the state, and for research, have been asked for, and the continuance and enlargement of these clinics is assured and full of promise for the standards of the professions and for the health of the state.

#### CONVENTIONS AT THE UNIVERSITY.

The conventions of various bodies like the Association of Funeral Directors and of the Health Officers, etc., at the University, are a recognition of it as a place where the sciences are practically applied to their subjects, and where they may secure short courses of instruction.

#### HOSPITALS AND CLINICS.

The unprecedented prosperity of the hospitals, compelling the renting of a nurses' home outside one of the hospitals, refutes the idea that clinics can not flourish in a small city. It was evidently overlooked that this is a State institution and that in serving the counties and poor of the State we are rendering a double service—one to our citizenship and one to science.

A comparison of the varieties and types of cases in our clinics with the more numerous cases in clinics in larger cities in hospitals not controlled by the institution of instruction shows the advantage of selection and of bedside teaching in hospitals operated without interference primarily for the institution of learning. The testimony of those who have been in clinics in Chicago and here, for results and purposes of instruction are in favor of ours. It is evident that a fireproof wing must be added to the hospital at the earliest practical moment.

#### STATE HISTORICAL SOCIETY.

The State Historical Society, by statute under the auspices of the University, and the recently formed anthropological society, through the efficient services of their officers, have had a year of unexampled activity; the first, in the way of valuable publications and the classification and use of its library and valuable research by the students of the University; and the second, by the exploration of the Okobojo mound and the deposit of the finds within the walls of the University.

#### REVISION OF COURSES OF STUDY.

Last year to meet a great modern educational movement, the University having advanced the requirements for admission to the highest standards, made them more flexible. This year, after two partial revisions of the courses of study in the College of Liberal Arts during the last three years, what the majority hope is the final revision for a period of years has been accomplished. For better or worse the most progressive of the small colleges have been changing the old-fashion four by nine curriculum. Wisely, since our College of Liberal Arts is in the center of a group of professional schools, our college has proceeded conservatively. We have not, like many University Colleges, passed into a period of anarchy by which all courses of study were broken up and the students were, simply by a hop, skip and jump process, pursuing piecemeal and largely according to fancy and ease, unrelated subjects. Warned by the experience of these institutions which are reacting from their own liberty run into license, we have transformed the ancient college courses gradually into the beginnings of a group system combined with a major and minor system. Certain constants have been preserved in the first year of residence. The solidarity of the lower years of the college course with those of the present high school into which the elective system has entered, has been recognized by varying the requirements in the first University year in accordance with the preparation the student brings from the high school. There is an attempt to conserve the idea of a liberal education and to prevent excessive specialization by the requirements of minimum work in different groups; on the other hand, sequences in correlative studies are demanded by the minimum time requirement.

The revision has been along the line of principles and room left for development in the application of the principles under personal advice and supervision of the student. The faculty have a committee out to report a plan by which there will be the closest personal attention to the individual

student. A total modernization of the courses of study in the school of applied science in civil, mechanical, electrical, mining, municipal and sanitary, and forest engineering, was unanimously adopted.

The combined courses between the College of Liberal Arts and the professional colleges which have been shaping themselves through a period of years, have been worked out to a point of a better co-ordination and evaluation of courses and of the utmost saving of time, so that, for example, a six years instead of eight or seven may, without superficiality, lead to the degrees in the two colleges.

#### SCHOOL OF POLITICAL AND SOCIAL SCIENCE.

The increased enrollment, namely, of 362 students, not counting duplicates, in this school, is gratifying. More important is the prevalence of the spirit of co-ordination of which we have heretofore been speaking in the bringing into this school courses in the applied sciences which would be of use in training students in modern philanthropy. An example is the offering of courses in the chemistry of common life. The plans for developing studies in the industrial history of the United States and in particular of the State of Iowa, in co-operation with the efforts to collect materials on this subject inaugurated by the Carnegie Institution of Washington, D. C., are in the same direction. A high grade seminary on current items of interest in social science is another sign of increased co-ordination of work.

#### SCHOOL OF APPLIED SCIENCE.

The practically entire reorganization of this school, due to the appointment of a director and the securing of one of college experience in the person of Professor William Galt Raymond, who came to us from Rensselaer Polytechnic Institute, together with other additions to the staff, and the threefold increase in entering students, bring us to the point of the further development of this school into a college with its own faculty, and I heartily join in the recommendations of the director of the school for the establishment of such a college. The subject has been presented to the Liberal Arts faculty and also to the Board of Deans. The latter body has passed a resolution favoring the establishment of a college at this time. The students of the school have the spirit of a college, wearing their own insignia. They will have their own building this autumn. The filling of chairs, for which the board has made provision, of mechanical, of electrical engineering, of descriptive geometry, of shop work and practice, the additions to the departments of physics and chemistry in the field of metallurgy, show that we have a full fledged faculty which could not be lost in the larger faculty of Liberal Arts. Efficiency of that faculty, now almost unwieldy in size, and of the new faculty, would commend the step. The high character of the courses of study offered and of the requirements for admission to it, with the equipment in the new building for individual instruction, demand that the school have recognition among the genuine university professional colleges. The action of the last legislature in special approval of this work will be further confirmed by this measure. The plan for the perfection of the organization of this school into a college follows the precedent already established in this University.

#### STUDENT MOVEMENTS.

The spontaneous intellectual and social activities of the students reveal the marked progress of real university life. The organization of county, college and various states clubs, composed of students in residence at the University, for the purpose of mutual acquaintance and helpfulness here and for the inspiration of their communities and institutions, reveals that the students have come to an appreciation of their university, and is a most promising sign of its future progress.

#### INSTRUCTION IN MUSIC DEMANDED.

A great interest in music has sprung up despite the fact that the University has entirely slighted this subject. Two men's glee clubs and one women's glee club have been formed, to say nothing of various smaller bodies. The band has attained to the highest perfection in its history. Class singing and band concerts have enlivened the campus. The citizens of the city perceiving the movement, have favored partial plans for a school of music. The music board of the University senate have considered these plans, and are ready to report when you make your biennial report, that there should be the development in some form of proper instruction in music in the University.

#### STUDENT MORALS.

The morale of the student body has been excellent and but slightly marred. There is an increasing sensitiveness to any lapses. The statute of the University with reference to drinking has been enforced in a few cases of unfortunates who came to us with the habit. The city government and citizens have been co-operative, and with the plans afoot for personal supervision it is believed that no institution will have a higher record with reference to general morals the ensuing year than this one.

#### UNIVERSITY Y. M. AND Y. W. C. A.

The University Y. M. and Y. W. C. A., whose reports are submitted herewith, have records of increased financial prosperity, and of wide usefulness not only in religious and biblical study, but in the field of a labor bureau and visitation of the sick. The Bible study movement has been a feature of the year in the organization of many groups of students with their leaders.

#### RHODES SCHOLAR.

The award of the Rhodes scholarship at Oxford to a student of the University, and the fact that no student from the University has failed to qualify in the Oxford examinations, speaks of the strength especially of our classical and mathematical training.

## HOMES FOR STUDENTS.

The point has been reached where those who were largely committed to the German University idea of having the students outside school hours live where and how they pleased, are ready in accordance with the traditions of our English and American institutions of learning to foster home life. The former Dean of Women, with others, initiated a movement for approved homes for women. The present Dean of Women urgently advocates this movement, and the Dean of the College of Liberal Arts, the director of the School of Applied Science, and many others urge that we need such approved homes for the young men as well as for the young women. The Y. M. C. A. building has become more and more a literary and social center, but it is entirely insufficient. The new armory and athletic pavilion adds to the demand instead of satisfying it. I shall ask the board at their next meeting to take under advisement the development of plans for approved homes.

## "IOWA ALUMNUS" AND ALUMNI.

The "Iowa Alumnus" has been filling an important field. It should continue to receive the favor of the regents, and the three things most needed by the alumni should be speedily accomplished. First, they should be kept in touch with the University, receiving full and correct information that their fostering care may be intelligent and enthusiastic and that the intellectual life received at the University may continually be reinforced from the fountain head of the alma mater. Secondly, the alumni should be encouraged to give to the University. Thirdly, the alumni organization existing, fostered under their own committee by their secretary, should be multiplied and, if possible, inspired by some contact with the county organizations of the students. The University teachers' bureau in time will enlarge to serve as a general bureau in commending the alumni for all kinds of positions for which they may be fitted.

## PHYSICAL TRAINING.

The opening of the temporary gymnasium in the new armory, the enlargement of the tennis courts and of the military field, have aided in the diversification of athletic sports. For the first time in years, not simply football, but all the varied sports, baseball, basket ball, tennis, track athletics, field sports, have prospered, and the University has taken the first place in the interscholastic contests within and without the State. Our ideals therefore for physical training with athletics of many kinds adding zest, are in the way of attainment. At length, as the State high school meet in May demonstrated, the University is prepared to entertain and instruct, as it is its duty to do, the youth from the high schools in clean and varied athletics.

## ENLARGED CAMPUS.

The enlargements of the campus by purchases of adjacent lands, the beginnings of the improvements of the campus in accordance with the recommendation of the consulting landscape architect, Mr. John C. Olmsted, whose illuminating report is submitted herewith in print, the removal of the science hall to its new site, the paving and grading, laying of cement walks, together with the building of the dam, impress the mere passer-by with the greatness, beauty and possibilities of the material university. The jeremiads as to our having no campus and the spoiling of the campus, are passing into psalms of praise for the farsightedness of the regents and legislators.

The additions to the equipment of the University from the equipment funds provided by the last two legislatures, and particularly in the complete re-equipment of the College of Medicine from an instructional point of view are even more impressive than the building equipment. The provision of a specific fund for the library, as well as gifts to it like that of Mrs. J. C. Beard of the library of the late Dr. E. Cartwright, will cause the library to keep pace with the growth of our library equipment. The organization of the library staff, consisting practically wholly of experts, graduates from library schools, is making the library we have most effective.

## SPIRIT OF CO-OPERATION.

The secret of the year at the University is largely due to the spirit of co-operation which has prevailed, and for which I wish personally and officially to thank the board of regents and faculties, and all associated with us.

Very respectfully submitted,

GEORGE E. MACLEAN.

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Report of the Secretary.

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## REPORT OF SECRETARY.

IOWA CITY, IOWA, October 15, 1905.

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

GENTLEMEN,—Herewith is respectfully submitted a financial statement of the income and expenditures of the State University of Iowa for the biennial period extending from July 1, 1903, to June 30, 1905.

W. J. MCCHESENEY,  
*Secretary.*

### RECEIPTS AND EXPENDITURES.

*July 1, 1903 to June 30, 1905.*

Cash on hand, July 1, 1903 .....	\$ 39,032.80	
Total receipts for the two years .....		859,343.73
Expenditures for two years .....	\$ 889,947.31	
Cash on hand, June 30, 1905 .....		8,429.22
	\$ 898,376.53	\$ 898,376.53
Cash on hand, July 1, 1903 .....	\$ 39,032.80	
Total receipts, 1903-1904 .....		418,937.18
	\$ 457,969.98	
Expenditures, 1903-1904 .....		411,232.18
	\$ 46,737.80	
Balance on hand, July 1, 1904 .....		440,406.55
Total receipts, 1904-1905 .....		487,144.35
	\$ 487,144.35	
Expenditures, 1904-1905 .....		478,715.13
	\$ 8,429.22	
Cash on hand, June 30, 1905 .....		\$ 8,429.22

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR FISCAL  
YEAR ENDING JUNE 30, 1904.

## RECEIPTS.

From State Appropriations:	
Code, 1897, Section 2643, Support.....	\$ 65,500.00
27th G. A., Chapter 142, Section 1—Support.....	10,000.00
28th G. A., Chapter 152, Section 2—Support.....	50,000.00
29th G. A., Chapter 183, Section 2—Support.....	35,000.00
29th G. A., Chapter 183, Section 2—Special land .....	27,000.00
29th G. A., Chapter 171, Section 2— $\frac{1}{4}$ mill building tax.....	96,000.00
29th G. A., Chapter 183, Section 2—Repair and contingent.....	5,000.00
29th G. A., Chapter 183, Section 2—Equip- ment, new medical buildings.....	35,000.00
	<u>\$ 323,500.00</u>
From Productive Funds:	
Donated land fund—Rents, etc.....	\$ 539.85
Permanent land endowment fund—Interest and rents.....	11,978.30
	<u>\$ 12,518.15</u>
From Miscellaneous Sources:	
Tuitions.....	\$ 50,836.75
Diploma fees.....	890.00
University hospital receipts .....	14,683.85
University homeopathic hospital receipts.....	5,365.30
Dental clinic receipts.....	6,003.04
Building fund—material sold.....	80.64
Special land fund—material sold.....	798.03
Law loan book account.....	355.00
Rents .....	274.09
Laboratory deposits, net.....	287.58
Miscellaneous cash.....	695.74
	<u>\$ 80,270.02</u>
* From Special Funds:	
A. Whitney Carr free scholarship income fund.....	\$ 2,470.39
F. O. Lowden oratory prize income fund.....	175.00
W. J. Bryan prize income fund.....	3.62
	<u>\$ 2,649.01</u>
Total cash receipts.....	<u>\$ 418,937.18</u>

\*These "special funds" are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

## Cash on Hand July 1, 1903:

Income fund.....	1,578 17
Repair and contingent fund.....	140.79
Library tax fund.....	1,609.30
Special land fund .....	1,700.40
One-fifth mill building tax fund.....	16,328.58
A. Whitney Carr free scholarship income fund.....	9.19
F. O. Lowden oratory prize income fund.....	93.75
Donated land fund.....	802.11
New medical buildings fund.....	16,770.51

Total of cash available for all purposes, 1903-4

\$ 457,969.98

## DISBURSEMENTS 1903-1904.

College of Liberal Arts.....	\$ 93,257.08
College of Law.....	14,147.33
College of Medicine .....	25,956.28
College of Homeopathic Medicine .....	5,727.29
College of Dentistry.....	16,197.68
College of Pharmacy .....	4,206.74
Library .....	6,349.84
Administration.....	14,268.69
Summer Session and Library School .....	4,492.07
University extension .....	691.87
Fixed charges .....	42,657.59
University Hospital .....	15,271.91
University Homeopathic Hospital.....	5,544.12
Law loan book account.....	142.50
Library tax fund.....	1,609.30
Donated land fund.....	201.50
Special land fund .....	28,347.57
One-tenth mill building tax fund.....	39,614.10
One-fifth mill building tax fund .....	7,011.48
Natural Science building fund*.....	3,000.00
New Medical buildings fund†.....	74,394.02
Equipment fund, new medical buildings.....	814.81
Repair and contingent fund .....	5,290.91
A. Whitney Carr free scholarship income fund.....	1,875.00
F. O. Lowden oratory prize income fund.....	150.00
Wm. Jennings Bryan prize income fund .....	12.50
Total expenditures.....	<u>\$ 411,232.18</u>

\* The natural science building fund is a fund created by the Board of Regents from the one-fifth mill building tax fund.

† The new medical buildings fund was originally created by an appropriation of \$50,000 by the Twenty-ninth General Assembly (Ch. 188, § 2) but was continued and increased by the Board of Regents by additions from the one-fifth mill building tax fund.



## Cash on Hand, June 30, 1904:

Income fund.....		4,536.83
Donated land fund.....		1,140.46
Special land fund.....		1,150.86
One-fifth mill building tax fund.....		15,783.64
Natural Science building fund.....		7,000.00
New Medical buildings fund.....		7,376.49
Equipment fund, new medical buildings.....		9,185.19
Repair and contingent fund.....	150.12	
A. Whitney Carr free scholarship income fund.....		604.58
F. O. Lowden oratory prize income fund.....		118.75
W. J. Bryan prize fund.....	8.88	
		<u>\$ 458,128.98</u>
Less overdrafts.....	159.00	159.00
		457,969.98

The above expenditures are itemized in the following pages, the several accounts being set out in the order given above.

## INCOME FUND—1903-1904.

Receipts:		
From State appropriations.....		\$ 160,500.00
Tuitions:		
College of Liberal Arts.....	\$ 10,860.25	
College of Law.....	9,085.00	
College of Medicine.....	14,867.50	
College of Homeopathic Medicine.....	1,942.50	
College of Dentistry.....	10,135.00	
College of Pharmacy.....	1,908.00	
Combined courses.....	1,065.00	
Physical culture fees.....	42.00	
Summer session.....	853.50	
Examination fees.....	78.00	
		<u>\$ 50,836.75</u>
Diploma fees.....		890.00
Interest on permanent fund.....		11,978.30
University hospital receipts (Exhibit A).....		14,683.85
University Homeopathic hospital receipts (Exhibit B).....		5,365.30
Dental clinic receipts (Exhibit C).....		6,003.04
Law loan book account (Exhibit D).....		355.00
Rents of buildings.....		274.09
Laboratory deposits, net.....	287.58	
Miscellaneous accounts.....	695.74	983.32
		<u>\$ 251,869.65</u>
Cash on hand July 1, 1903.....		1,578.17
		<u>\$ 253,447.82</u>

## Disbursements:

College of Liberal Arts, salaries.....	\$ 86,577.21
College of Liberal Arts, supplies.....	6,679.87
College of Law, salaries.....	12,685.00
College of Law, apparatus and supplies.....	1,462.33
College of Medicine, salaries.....	19,805.00
College of Medicine, apparatus and supplies..	6,151.28
College of Homeopathic Medicine, salaries....	5,570.00
College of Homeopathic Medicine, apparatus and supplies.....	157.29
College of Dentistry, salaries.....	11,820.00
College of Dentistry, apparatus and supplies..	4,377.68
College of Pharmacy, salaries.....	3,500.00
College of Pharmacy, apparatus and supplies..	706.74
Librarians', salaries.....	3,110.00
Libraries, books, apparatus and supplies.....	3,239.84
Administration, salaries.....	13,605.00
Administration, apparatus and supplies.....	663.69
Summer Session and Library School, salaries..	4,305.00
Summer Session and Library School, apparatus and supplies.....	187.07
University Hospital (Exhibit A).....	15,271.91
University Homeopathic Hospital (Exhibit B)..	5,544.12
University extension expenses.....	691.87
Law loan book account.....	142.50
Fixed charges.....	42,657.59
	<u>\$ 248,910.99</u>
Cash on hand June 30, 1904.....	4,536.83
	<u>\$ 253,447.82</u>

## EXPENDITURES—INCOME FUND 1903-1904.

## COLLEGE OF LIBERAL ARTS.

Botany:		
T. H. Macbride, professor.....	\$ 2,400.00	
Bohumil Shmek, professor.....	1,300.00	
F. J. Seaver, fellow.....	225.00	
Lucy M. Cavanagh, assistant.....	50.00	
Apparatus and supplies.....		\$ 604.39
Chemistry:		
L. W. Andrews, professor.....	2,400.00	
Carl von Ende, instructor.....	1,000.00	
H. H. Lochridge, storekeeper.....	650.00	
G. G. Frary, fellow.....	225.00	
Apparatus and supplies.....		731.67

## Civil Engineering:

A. V. Sims, professor .....	\$ 2,200.00	
C. S. Magowan, professor, municipal and sanitary engineering .....	1,500.00	
B. J. Lambert, instructor .....	1,000.00	
S. E. Shaff, assistant in shop practice .....	650.00	
W. B. Nevins.....	400.00	
Apparatus and supplies.....		\$ 725.00
Apparatus and supplies, municipal and sanitary engineering.....		58.15

## Economics and Statistics:

F. R. Rutter, lecturer.....	600.00	
G. L. Cady, lecturer .....	200.00	
J. H. Underwood, fellow.....	225.00	
Apparatus and supplies.....		25.00

## Education:

F. E. Bolton, professor .....	1,900.00	
J. F. Brown, professor and high school inspector.....	1,800.00	
H. C. Dorcas, instructor and university examiner.....	1,400.01	
University examiner's assistance .....	181.00	
Apparatus and supplies.....		1,100.37

## English:

C. F. Ansley, professor.....	2,200.00	
S. N. Hagen, instructor.....	800.00	
S. B. Sloan, instructor.....	800.00	
Percival Hunt, assistant instructor.....	600.00	
J. G. Bowman, assistant instructor.....	500.00	
Bertha Quaintance, assistant.....	700.00	
Mary G. Chawner, fellow.....	225.00	
Elizabeth L. Sherwood, scholar.....	125.00	
May Shuck, scholar.....	125.00	
Theme Readers:		
Mabel Rundell.....	100.00	
Rita Kelley.....	100.00	
Alta Robinson.....	100.00	
Joanna G. Strange.....	75.00	
E. C. Barrett.....	25.00	
Cecilia Loizeaux.....	50.00	
Alice Waldron.....	50.00	
Apparatus and supplies.....		122.45

## Electrical and Mechanical Engineering:

R. T. Wells, assistant professor in charge.....	1,200.00	
Apparatus and supplies.....		497.70

## French:

F. C. L. van Steenderen, professor.....	\$ 1,800.00	
S. H. Bush, assistant professor.....	1,100.00	
Harriet G. Holt, assistant instructor.....	200.00	
Sarah D. Hutchinson, assistant instructor....	300.00	
Alice McGee, scholar.....	125.00	
Apparatus and supplies.....		\$ 25.00

## Geology:

Samuel Calvin, professor.....	2,400.00	
F. A. Wilder, professor.....	2,100.00	
H. Ilsley, scholar.....	125.00	
John Carville, attendant.....	450.00	
Apparatus and supplies.....		499.98
Mining supplies.....		100.00

## German:

C. B. Wilson, professor.....	2,200.00	
F. B. Sturm, assistant professor.....	1,200.00	
C. W. Eastman, assistant professor.....	1,200.00	
Hattie Plock, fellow.....	225.00	
Charlotte M. Lorenz, fellow.....	225.00	

## Greek:

Arthur Fairbanks, professor.....	2,200.00	
Leona A. Call, professor.....	1,500.00	
R. D. Krebs, scholar.....	125.00	
Apparatus and supplies.....		22.87
Apparatus and supplies, archaeology.....		25.00

## History:

W. C. Wilcox, professor.....	2,200.00	
H. G. Plum, professor.....	1,200.00	
P. S. Peirce, instructor.....	725.00	
Apparatus and supplies.....		50.00

## Journalism:

L. A. Brewer, lecturer .....	500.00	
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## Latin:

A. N. Currier, professor and dean.....	2,400.00	
F. H. Potter, professor.....	1,300.00	
Louise E. Hughes, instructor.....	1,000.00	
Helen M. Eddy, fellow.....	225.00	
Apparatus and supplies.....		25.00

## Mathematics:

L. G. Weld, professor and dean.....	2,300.00	
A. G. Smith, professor.....	1,300.00	
J. V. Westfall, instructor .....	1,000.00	
W. E. Beck, assistant instructor, \$500.00; assistant at observatory, \$75.00.....	575.00	
Ida Speidel, scholar.....	125.00	
Anna Johnson, scholar .....	125.00	
Apparatus and supplies .....		40.00

Military Science:			
G. R. Burnett, commandant.....	\$	500.00	
F. R. Molsberry, band master.....		150.00	
J. F. Kirby, armorer .....		60.00	
Apparatus and supplies.....	\$		117.69
Morphology:			
G. E. Houser, professor.....		1,600.00	
J. J. Lambert, instructor.....		900.00	
F. D. Kern, assistant.....		70.00	
H. M. Ivins, assistant.....		25.00	
Apparatus and supplies.....			330.00
Philosophy:			
G. T. W. Patrick, professor, part time.....		605.00	
C. E. Seashore, professor.....		1,600.00	
H. W. Stuart, instructor.....		800.00	
Mabel C. Williams, instructor.....		500.00	
Daniel Starch, scholar.....		125.00	
Grace Kent, scholar.....		125.00	
Apparatus and supplies.....			300.00
Physical Training:			
J. G. Chalmers, physical director.....		1,500.00	
Valborg Kastman, assistant.....		450.00	
Nellie Sebern, pianist.....		61.20	
Apparatus and supplies.....			62.75
Physics:			
A. A. Veblen, professor.....		2,200.00	
C. F. Lorenz, instructor.....		900.00	
W. M. Boehm, fellow.....		225.00	
C. V. Kent, scholar.....		125.00	
Apparatus and supplies.....			500.00
Apparatus and supplies, mechanics.....			44.08
Political Science:			
B. F. Shambaugh, professor.....		2,000.00	
F. E. Horack, instructor.....		700.00	
Apparatus and supplies.....			25.00
Public Speaking:			
H. E. Gordon, professor.....		2,000.00	
Mary S. Everts, assistant.....		500.00	
Jesse Resser, scholar.....		125.00	
Apparatus and supplies.....			22.53
Scandinavian:			
G. T. Flom, professor .....		1,200.00	
Apparatus and supplies .....			25.00
Sociology:			
I. A. Loos, professor.....		2,200.00	
Margaret A. Schaffner, instructor.....		800.00	
C. W. Wassam, scholar .....		125.00	
Apparatus and supplies .....			19.15

Zoology:			
C. C. Nutting, professor.....		2,200.00	
H. F. Wickham, professor .....		1,200.00	
R. M. Anderson, taxidermist.....		300.00	
W. B. Bell, fellow .....		225.00	
Apparatus and supplies .....			170.00
Museum .....			226.40
Dean, College of Liberal Arts:			
Apparatus and supplies .....			74.69
Graduate College:			
Apparatus and supplies.....			125.00
University Examiner:			
Apparatus and supplies .....			85.00
Total salaries, apparatus and supplies for the			
year 1903-1904 .....	\$	86,577.21	\$ 6,679.87

## COLLEGE OF LAW, 1903-1904.

Salaries:			
C. N. Gregory, professor and dean .....	\$	4,000.00	
Samuel Hayes, professor.....		2,300.00	
E. A. Wilcox, professor .....		1,600.00	
L. M. Byers, professor.....		1,400.00	
Barry Gilbert, professor .....		1,400.00	
M. L. Ferson, librarian.....		400.00	
E. H. Willging, stenographer .....		260.00	
Sir Frederick Pollock, lecturer .....		250.00	
H. E. Deemer, lecturer.....		500.00	
Emlin McClain, lecturer.....		500.00	
Library Assistants:			
C. E. Stewart.....		25.00	
Clem Knox .....		25.00	
C. W. McClure.....		9.70	
S. R. DeCou.....		15.30	
Law supplies.....			\$ 131.40
Law library, books and bindings.....			1,330.93
Total salaries, apparatus and supplies for the			
year, 1903-1904 .....	\$	12,685.00	\$ 1,462.33

## COLLEGE OF MEDICINE—1903-1904.

## Anatomy:

J. W. Harriman, professor .....	\$ 800.00	
J. P. Mullin, demonstrator .....	1,200.00	
Harry J. Jones, first assistant demonstrator ..	40.00	
Walter H. Cox, second assistant demonstrator ..	20.00	
Arthur D. Woods, prosector .....	20.00	
Oscar Hawkinson, prosector .....	20.00	
Dissecting material .....	\$ 3,031.46	
Apparatus and supplies .....	12.41	

## Chemistry:

E. W. Rockwood, professor, part time .....	1,100.00	
W. E. Barlow, assistant professor .....	1,100.00	
Frederic Bonnet Jr., assistant professor .....	1,000.00	
J. G. Goodwin, fellow .....	200.00	
Apparatus and supplies .....	683.61	

## Gynecology:

J. R. Guthrie, professor, \$1,100; and dean, \$100 ..	1,200.00	
J. G. Mueller, clinical assistant .....	50.00	
Apparatus and supplies .....	15.00	

## Histology:

W. R. Whiteis, professor, \$1,650; director University hospital, \$100 .....	1,750.00	
A. R. Hoover, assistant instructor .....	800.00	
E. E. Blythe, assistant .....	200.00	
F. W. Boots, assistant .....	100.00	
A. W. Starbuck, assistant .....	100.00	
Apparatus and supplies .....	391.91	

## Materia Medica:

C. S. Chase, professor .....	1,100.00	
W. C. Wolverton, tutor in Medical Latin .....	100.00	
Apparatus and supplies .....	74.99	

## Ophthalmology:

J. W. Dalbey, professor .....	425.00	
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## Otolary:

L. W. Dean, professor .....	500.00	
Apparatus and supplies .....	97.79	

## Pathology:

Henry Albert, acting professor .....	1,000.00	
C. I. Lambert, instructor .....	1,120.00	
C. S. Krause, fellow .....	225.00	
R. L. Byrnes, scholar .....	125.00	
Fred Albert, laboratory assistant .....	50.00	
Apparatus and supplies .....	531.50	

## Physiology:

J. T. McClintock, professor .....	1,780.00	
F. W. Bailey, assistant instructor .....	800.00	
Apparatus and supplies .....	285.74	

## Surgery:

William Jepson, professor .....	\$ 1,180.00	
Apparatus and supplies .....		\$ 100.00

## Theory and Practice:

W. L. Bierring, professor .....	1,100.00	
C. H. Swift, assistant in internal medicine .....	100.00	
Apparatus and supplies .....		30.00

## Lecturers:

J. P. Crawford, Surgical Technique .....	50.00	
G. E. Decker, Paediatrics .....	100.00	
J. F. Clark, Hygiene .....	200.00	
Gershom H. Hill, Insanity .....	100.00	
J. B. Kessler, Dermatology .....	50.00	
Library—books .....		489.74
Surgical instruments .....		407.13

Total salaries, apparatus and supplies for the year 1903-1904 .....	\$ 19,805.00	\$ 6,151.28
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## COLLEGE OF HOMEOPATHIC MEDICINE—1903-1904.\*

## Materia Medica:

George Royal, professor, \$1,100; dean, \$100 ..	1,200.00	
L. W. Struble, assistant .....	50.00	
Apparatus and supplies .....		\$ 10.00

## Obstetrics:

F. J. Becker, professor .....	550.00	
T. L. Hazard, assistant and lecturer .....	200.00	

## Ophthalmology:

W. L. Bywater, professor .....	750.00	
Apparatus and supplies .....		24.65

## Surgery:

J. G. Gilchrist, professor .....	1,100.00	
R. E. Peck, assistant .....	70.00	
Leora Johnson, clinical assistant .....	50.00	
Apparatus and supplies .....		72.96

## Theory and Practice:

B. R. Johnson, professor .....	950.00	
James Moorhead, assistant .....	250.00	
Apparatus and supplies .....		24.80
Library books .....		24.88

Total salaries, apparatus and supplies for the the year 1903-1904 .....	\$ 5,570.00	\$ 157.29
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\* Anatomy, Chemistry, Histology, Pathology and Physiology charged under College of Medicine.

## COLLEGE OF DENTISTRY, 1903-1904.\*

Operative Dentistry:		
F. T. Breene, professor .....	\$ 1,100.00	
R. H. Volland, demonstrator.....	800.00	
W. A. Suthers, demonstrator.....	360.00	
B. A. Small, demonstrator.....	560.00	
Orthodontia:		
W. J. Brady, professor.....	1,500.00	
Oral Surgery:		
G. V. I. Brown, professor.....	1,200.00	
Prosthetic Dentistry:		
W. S. Hosford, professor and dean.....	1,900.00	
Henry Morrow, Jr., demonstrator.....	900.00	
H. H. Quaife, assistant demonstrator .....	300.00	
C. W. Harned, assistant demonstrator.....	300.00	
W. E. Keehl, assistant demonstrator.....	300.00	
Regional Anatomy:		
E. A. Rogers, professor and superintendent of clinic .....	1,800.00	
Lecturers:		
C. C. Nutting .....	50.00	
Help:		
Ella Bashnagel, clerk .....	350.00	
Clarissa J. Joy, storekeeper.....	200.00	
Comparative Anatomy assistants.....	200.00	
Prosthetic Dentistry apparatus and supplies...		\$ 348.24
Dues, National Association of Dental Faculties and National Institute of Dental Pedagogics .....	20.00	
Clinics .....	3,000.00	
Dental Laboratory .....	800.00	
Dental Alumni Lecture Course.....	169.04	
Library—Books .....	40.40	
Total salaries, apparatus and supplies for the year 1903-1904.....	\$ 11,820.00	\$ 4,377.68

\* Anatomy, Chemistry, Histology, Pathology and Physiology charged under College of Medicine.

## COLLEGE OF PHARMACY—1903-1904.

W. J. Teeters, acting dean and professor.....	\$ 1,900.00	
A. N. Brown, assistant .....	600.00	
Zada M. Cooper, assistant.....	600.00	
C. S. Chase, professor.....	100.00	
Bohumil Shimek, professor.....	300.00	
Apparatus and supplies.....		\$ 683.31
Library, books .....		23.43
Total salaries, apparatus and supplies for the year 1903-1904.....	\$ 3,500.00	\$ 706.74

## LIBRARY—1903-1904.

Mabel Colcord, assistant librarian in charge....	\$ 1,000.00	
Ida E. Sawyer, reference assistant .....	840.00	
Jessie Sawyer, assistant cataloguer.....	720.00	
Joanna G. Strange, assistant .....	300.00	
Nyle W. Jones, assistant.....	125.00	
Assistants by the hour.....	125.00	
Liberal Arts library, books.....		\$ 1,400.00
General library, books.....		498.83
General library, apparatus and supplies .....		341.01
General library, binding.....		1,000.00
Total salaries, books, apparatus and supplies, etc., for the year 1903-1904.....	\$ 3,110.00	\$ 3,239.84

## ADMINISTRATION—1903-1904.

George E. MacLean, president .....	\$ 6,000.00	
Alice B. Chase, secretary to president .....	630.00	
F. C. Drake, executive clerk.....	900.00	
Edward C. Barrett, president's clerk .....	275.00	
W. J. McChesney, secretary board of regents...	1,500.00	
L. W. Dutcher, assistant.....	900.00	
Lovell Swisher, treasurer .....	1,400.00	
Alice Young, registrar and dean of women .....	1,500.00	
Clara L. Abernethy, assistant.....	500.00	
President's office supplies .....		73.68
Secretary's office supplies .....		166.38
Registrar's office apparatus and supplies.....		423.63
Total salaries, apparatus and supplies for the year 1903-1904.....	\$ 13,605.00	\$ 663.69

## SUMMER SESSION AND LIBRARY SCHOOL—1903.

Arthur Fairbanks, professor of Greek.....	\$	200.00
F. H. Potter, professor of Latin.....		200.00
Helen M. Eddy, instructor in Latin.....		60.00
F. C. L. Van Steenderen, professor of French...		200.00
S. H. Bush, instructor in French.....		45.00
C. B. Wilson, professor of German.....		200.00
C. A. Williams, assistant in German.....		45.00
C. F. Ansley, professor of English.....		200.00
H. G. Buehler, instructor in English.....		100.00
Ida M. Street, instructor in English.....		100.00
J. G. Bowman, assistant in English.....		45.00
H. E. Gordon, professor of public speaking.....		200.00
Josephine M. Retz, assistant in public speaking..		60.00
H. G. Plum, professor of history.....		200.00
Isaac Loos, professor of sociology, etc.....		200.00
B. F. Shambaugh, professor of political science.		200.00
C. E. Seashore, professor of psychology.....		200.00
J. F. Brown, professor in education.....		100.00
Mabel C. Williams, instructor in philosophy....		60.00
F. E. Bolton, professor of education and director		300.00
C. C. Nutting, professor of zoology.....		200.00
W. B. Bell, assistant in zoology.....		60.00
Bohumil Shimek, professor of botany.....		200.00
Fred J. Seaver, assistant in botany.....		45.00
C. F. Lorenz, instructor in physics.....		150.00
W. M. Boehm, assistant in physics.....		60.00
L. G. Weld, professor of mathematics.....		200.00
A. G. Smith, assistant professor of mathematics.		60.00
Harriet A. Wood, resident director, library school		25.00
Esther Crawford, instructor, library school.....		225.00
Annie C. Moore, instructor, library school.....		75.00
Marjorie Graves, instructor, library school.....		90.00
Apparatus and supplies.....	\$	187.07
Total salaries, apparatus and supplies.....	\$	4,305.00
	\$	187.07

## UNIVERSITY EXTENSION.

Traveling expenses, apparatus and supplies.....	691.87
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## FIXED CHARGES—1903-1904.

President's traveling expenses.....	\$	477.61
Commencement expenses.....		1,095.49
Alumni association.....		106.55
General lectures.....		99.14
This sum was expended for lectures by prominent educators and specialists.		
General Unclassified Account.....		4,990.60
This sum was expended for items for which no special appropriation was made.		
Mimeographic and Stenographic Bureau.....		180.12
Stenographic service, etc., for different departments.		
Board of Publication.....		378.90
This sum was expended in publishing the commencement address of Senator G. F. Hoar, "The Freedmen's Bureau," by Paul S. Peirce, etc.		
Printing and Paper.....		1,296.77
Publications, stationery, and miscellaneous printing.		
Calendars and Announcements.....		2,717.96
Cost of printing and mailing calendars and announcements of the colleges and schools.		
Postage.....		1,162.25
Postage on University Bulletins and postage for all departments.		
Telegrams.....		81.98
Telephones.....		271.71
Advertising.....		215.12
Advertising of all the colleges in miscellaneous papers.		
Janitors.....		7,513.47
The head janitor is paid \$60 per month, janitors in charge of buildings, from \$20 to \$40 per month, scrub women from \$12 to \$18 per month, and extra help 15 cents an hour. Pay roll contains from 30 to 40 persons, many of them paid on part time.		
Engineers and Firemen.....		4,075.78
The head engineer is paid \$75 per month, and firemen from \$35 to \$45.		
Power House and Heating Plant repairs.....		449.72

Fuel.....	\$ 13,441.65
Contract for coal for 1903-1904 was awarded to E. E. Pinney Coal Co., Cedar Rapids, Iowa, as follows: Oskaloosa, Iowa, mine run, \$2.89 per ton; Oskaloosa, Iowa, screenings, \$1.77 per ton; and to H. W. Lynch, Peoria, Ill., as follows: Mapleton or Canton, Illinois, mine run, \$2.90 per ton, all prices F. O. E. Iowa City. Hauling costs 18 cents per ton. Consumption about 5,000 tons.	
Water Service.....	1,600.00
For all water used in all University buildings, the cost is \$400 per quarter.	
Gas and Electric Light.....	1,632.11
Gas costs \$1.40 per thousand square feet, and electric light 10 cents per K. W. Used to light all University buildings.	
Opera house rent.....	\$ 190.00
\$30 per night and \$20 per day for public exercises.	
Y. M. C. A. rent.....	220.66
The University rents the main auditorium and several small rooms in this building for the use of the literary societies; paying \$50 per month for same. The University, on account of receiving a lower rate, furnished fuel and light to the Y. M. C. A., deducting the cost thereof from the cash payments of rent.	
Repairs on Terrill dam.....	460.00
Total.....	\$ 42,657.59

*Exhibit A.*

## UNIVERSITY HOSPITAL ACCOUNT—1903-1904.

Receipts:	
July, 1903.....	\$ 637.58
August, 1903.....	689.69
September, 1903.....	487.66
October, 1903.....	1,415.07
November, 1903.....	1,483.86
December, 1903.....	1,513.30
January, 1904.....	1,269.16
February, 1904.....	1,561.35
March, 1904.....	1,663.85
April, 1904.....	1,602.53
May, 1904.....	1,036.64
June, 1904.....	1,323.16

Disbursements:		
Salaries, Nurse's Training School.....	\$ 3,283.32	
Help.....	1,901.75	
Provisions.....	4,808.32	
Household.....	3,324.74	
Medicine.....	1,953.78	
Loss for year 1903-1904.....	588.06	
Total.....	\$ 15,271.91	\$ 15,271.91

*Exhibit B.*

## UNIVERSITY HOMEOPATHIC HOSPITAL ACCOUNT—1903-1904.

Receipts:		
Cash on hand, July 1, 1903.....	\$ 294.76	
July, 1903.....	215.25	
August, 1903.....	111.00	
September, 1903.....	405.25	
October, 1903.....	473.30	
November, 1903.....	535.05	
December, 1903.....	492.25	
January, 1904.....	346.50	
February, 1904.....	500.70	
March, 1904.....	650.00	
April, 1904.....	602.25	
May, 1904.....	500.00	
June, 1904.....	533.75	
Disbursements:		
Salaries, Nurses' Training School.....	\$ 1,492.00	
Help.....	740.25	
Provisions.....	2,095.56	
Household.....	800.74	
Medicine.....	415.57	
Cash on hand, June 30, 1904.....	115.94	
Total.....	\$ 5,660.06	\$ 5,660.06

*Exhibit C.*

## DENTAL CLINICS—1903-1904.

Receipts:		
October, 1903 .....	\$	253.16
November, 1903 .....		501.78
December, 1903 .....		456.22
January, 1904 .....		471.70
February, 1904 .....		530.58
March, 1904 .....		814.65
April, 1904 .....	1,031.17	
May, 1904 .....	866.66	
June, 1904 .....	1,077.12	
Total .....	\$	6,003.04

*Exhibit D.*

## LAW LOAN BOOK ACCOUNT—1903-1904.

Receipts:		
Cash on hand, July 1, 1903 .....	\$	334.00
Rent on law loan sets .....		355.00
Disbursements:		
Baker, Voorhees & Co., books .....	\$	25.50
Keefe, Davidson & Co., books .....		117.00
Transferred to law library .....		540.00
Cash on hand, June 30, 1904 .....		6.50
Total .....	\$	689.00
	\$	689.00

## ALUMNI BOOK ACCOUNT, 1903-1904.

Cash on hand, July 1, 1903 .....		30.45
Cash on hand, June 30, 1904 .....	\$	30.45
Total .....	\$	30.45
		30.45

## LIBRARY TAX FUND, 1903-1904.

Receipts:		
Cash on hand, July 1, 1903 .....		1,609.30

## Disbursements:

1904		
Jan. 29, G. E. Stechert .....	\$	900.16
G. Falk .....		30.20
J. K. Small .....		4.12
Hudson Kimberly Publishing Co. ....		6.50
Dillon & Folsom .....		49.00
Kenyon News and Subscription Co .....		41.35
National Educational Association .....		2.00
A. C. McClurg & Co. ....	310.27	
N. Heffer & Sons .....		6.38
National Municipal League .....		2.00
Corporation Legal Manual Co. ....		5.00
Doubleday, Page & Co. ....		12.50
McGraw Publishing Co. ....		50.36
North Central Association of Col- leges and Secondary Schools ..		2.00
C. L. Smith .....		2.00
F. C. L. van Steenderen .....		1.20
L. G. Weld .....		7.50
Boston Book Co. ....		95.00
J. T. Ries .....		9.00
J. B. Lippincott Co. ....		16.73
University of Chicago Press. ....		3.20
Science Press .....		3.00
American Society of Municipal Improvement .....		1.00
American Institute of Mining Engineers .....		7.00
Macmillan Company .....		3.10
J. Wiley & Co. ....		4.30
G. Stickney .....		7.00
Moulton Press Co. ....		5.00
Stephens Publishing Co. ....		.43
Johns Hopkins University Press .		20.00
Educational Review .....		2.00
Total .....	\$	1,609.30
		1,609.30

The term of the mill building tax granted the University by the Twenty-sixth General Assembly was lengthened one year by the Twenty-seventh General Assembly (Acts of the Twenty-seventh General Assembly, Chapter 75) for the benefit of the burned library. With the above expenditures the fund was exhausted and the account closed.



## PERMANENT LAND ENDOWMENT FUND—1903-1904.

Cash on hand, July 1, 1903.....	\$ 235,120.36	
Cash on hand, June 30, 1904.....	\$ 235,120.36	
Total.....	\$ 235,120.36	\$ 235,120.36

## DONATED LAND FUND—1903-1904.

Receipts:		
Cash on hand, July 1, 1903 .....	\$	802.11
Interest and rents .....		539.85
Disbursements:		
Oliver Gordon, attorney's fees and court costs. \$	100.00	
B. P. Birdsall, attorney's fees and court costs.	101.50	
Cash on hand June 30, 1904.....	1,140.46	
Total.....	\$ 1,341.96	\$ 1,341.96

## SPECIAL LAND FUND—1903-1904.

Receipts:		
Cash on hand, July 1, 1903.....	\$	1,700.40
State warrant.....		27,000.00
Rents.....		673.53
Old material sold.....		124.50
Disbursements:		
1903		
July 16, Various persons .....	\$	51.09
Aug. 26, Ida M. Warner and Ida M. Warner, guardian Lucile Warner, west 40 feet of lot 3, block 91, Iowa City.....		600.00
Various persons.....		35.77
Sept. 23, Various persons .....		336.80
Oct. 30, Various persons .....		35.75
1904		
Jan. 29, Maria E. Cochran and J. C. Cochran; property beginning at point 38 feet west of southeast corner of lot 4, block 98, Iowa City, Iowa, thence north 80 feet, west 37 feet, south 80 feet, thence east to place of beginning; also one dwelling house thereon .....		700.00

Joseph Barrer and Emma Barrer; lot 4 and south 20 feet of lot 3, block 97, Iowa City, Iowa, and one large dwelling house thereon.....		\$	5,000.00
James A. Boarts and Maud Boarts; 20 feet off from the south side of lot 7, and the north half of lot 6; and commencing 90 feet west of southeast corner of lot 5, block 98, running thence north 120 feet, west 60 feet, south 120 feet, east 60 feet, to place of beginning; all in Iowa City, Iowa; and one dwelling house thereon.....			1,700.00
1904			
Jan. 29,	Helen M. Whittaker, south 23 feet lot 1, and the north 30 feet lot 2, and the south one-half (½) of lot 2, block 97, Iowa City, Iowa, and one dwelling house thereon		5,000.00
	Elizabeth K. Johnson, south 50 feet of north 60 feet of lot 3, block 97, Iowa City, Iowa, and one dwelling house thereon....		2,500.00
	F. J. Newberry and Kate H. Newberry, north one-half of the south one-half of lot 5, block 79, Iowa City, Iowa, and one brick store building thereon...		3,105.00
	Englert heirs, 40 feet off from the east end of lot 6, block 79, Iowa City, Iowa, and one brick store building thereon .....		5,765.15
	Various persons.....		7.61
Feb. 16,	John and Mary Kennedy, 57 feet off north side of lot 1, block 97, Iowa City, Iowa.....		3,000.00
	Various persons.....		23.00
March 25,	J. Havilek, recorder, recording, deeds .....		5.10
	Johnson Co. Abstract Co., looking up titles.....		2.50
	Charge to correct duplicate credit to this fund .....		457.36
April 19,	Various persons.....		9.15
May 24,	Various persons.....		10.74
June 23,	Various persons.....		2.55
	Cash on hand June 30, 1904 .....		1,150.86
Total .....		\$	29,498.43
		\$	29,498.43

## ONE-TENTH OF A MILL BUILDING TAX FUND—1903-1904.

This money was expended in completing the Hall of Liberal Arts and the power house and heating plant.

Overdraft, July 1, 1903 (see previous biennial statement)... \$ 39,614.10

1903			
Sept.	24,	Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee .....	\$ 13,350.95
		Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee.....	10,649.61
Oct.	30,	Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee.....	15,138.44
Oct.	30,	Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee.....	475.10
Total .....		\$ 39,614.10	\$ 39,614.10

## ONE-FIFTH OF A MILL BUILDING TAX FUND—1903-1904.

## Receipts:

1903.			
July	1,	Credit balance (see previous biennial statement).....	\$ 16,328.58
Oct.	12,	By state warrant .....	10,000.00
Oct.	30,	By state warrant .....	27,000.00
		Old material sold .....	80.64
1904.			
Jan.	29,	By state warrant.....	14,000.00
April	19,	By state warrant.....	20,000.00
June	23,	By state warrant.....	25,000.00

## Disbursements:

1903.			
Aug.	26,	C. Hurley, plumbing.....	\$ 170.44
		Kellogg-Mackay-Cameron Co., radiators, University Hospital .....	62.16
		American Engineering Specialty company, radiators, University Hospital.....	21.00
		Leuz & Co., hauling and freight.....	7.10
		First National Bank, Iowa City, interest paid on interest-bearing warrants .....	1,649.31

Sept.	23,	C. Hurley, plumbing.....	\$ 50.00
		G. E. Stewart, removing boilers, west building.....	50.00
		W. F. Leinbaugh, lumber, west building.....	49.37
		Frank Patterson, mason work on west building.....	46.87
		Thomas McLachlan, carpenter work on west building .....	30.63
		Henry Wise, labor, west building .....	14.00
		David Mulcahy, labor, west building .....	40.25
		William Russell, sand for west building.....	39.90
		First National Bank, Iowa City, interest paid on interest-bearing warrants .....	988.79
Nov.	24,	Thos. McLachlan, carpenter work on west building .....	48.75
		Parsons & Stouffer, nails for repairing west building.....	4.00
		Martin Gerber, changing conductor on west building.....	12.78
		B. Stillwell, glass for west building .....	2.45
		W. F. Leinbaugh, lumber for west building.....	221.73
		W. M. Bright, carpenter work on west building.....	39.12
		Wm. Russell, labor on west building.....	16.56
Dec.	22,	Martin Gerber, roof on west building.....	16.45
Dec.	22,	William Russell, labor on west building.....	13.56
		Parsons & Stouffer, nails, west building.....	4.90
		B. Stillwell, painting, west building .....	35.00
		W. F. Leinbaugh, lumber west building .....	43.18
1904			
Jan.	29,	W. F. Leinbaugh, lumber, west building .....	22.72
		Wm. Russell, labor, west building .....	4.45
		Thos. McLachlan, carpenter work, west building .....	25.00
Feb.	16,	Proudfoot & Bird, plans for natural science building, first payment.....	400.00

March 25,	C. C. Nutting, expenses of trip to visit eastern museum buildings.	\$ 106.64
	Thos. Spurgeon, work on plans for gymnasium and armory building .....	7.80
	W. T. Proudfoot, expenses of trip to visit eastern museum buildings.	146.35
May 24,	William Russell, labor, hauling brick	13.00
	Harry Klema, labor, cleaning brick	10.00
	Patrick Hogan, labor, cleaning brick	15.00
	Thos. Glasgow, labor, cleaning brick .....	4.00
	Improvement bulletin, advertising for bids on natural science building and gymnasium and armory .....	8.70
	Minnie Ferguson, stenographic service .....	1.30
	F. Post Co., drawing paper .....	4.72
	Lloyd O. Gable, work on plans of gymnasium and armory .....	32.18
	Edgar H. Willging, stenographic service .....	5.00
	J. T. Ries, drawing material .....	2.48
	D. S. Welch, assisting superintendent on plans, gymnasium and armory .....	23.06
	George Klema, labor, cleaning brick	13.00
June 23,	Joe. Huffman, work on coal bunker and tunnel .....	19.83
	Register and Leader, advertisement for bids on natural science building and gymnasium and armory .....	6.26
	M. J. Evans, stenographic service.	5.25
	Fred Goss, brick for manholes .....	21.00
	George Klema, labor, cleaning brick	34.67
	Harry Klema, labor on tunnel .....	42.66
	Pat Hogan, cleaning brick .....	35.33
	D. S. Welch, assisting superintendent of grounds and buildings .....	20.37
	Leuz & Co., freight and hauling, gymnasium and armory building .....	93.60
	David Mulcahy, cleaning brick .....	25.67
	Wm. Russell, hauling brick for tunnel .....	66.15

	American Contractor, advertisement for bids on natural science building and gymnasium and armory .....	\$ 11.75
	Crane Co., steam pipes for tunnel.	958.46
	Chas. Brown, labor, coal bunkers and tunnel .....	33.83
June 23,	Henry Sterling, brick laying, Old Capitol building .....	20.25
	Wm. McKay, labor on tunnel to medical buildings .....	2.22
	Carver Thompson, labor on tunnel to medical buildings .....	3.90
	Thos. Glasgow, labor, cleaning brick .....	12.00
	American Conduit Co., wiring conduit .....	296.28
	A. Wyckoff & Sons Co., casing for steam pipes .....	729.53
	W. F. Leinbaugh, cement for tunnel, Old Capitol building .....	14.45
	W. A. Kettlewell, blacksmithing for excavation work .....	3.10
	U. S. Express Co., express on material .....	1.55
	Leuz & Co., freight and hauling.	29.67
	1903	
Sept. 24,	Transferred to $\frac{1}{10}$ mill building tax fund .....	13,350.95
	Transferred to $\frac{1}{10}$ mill building tax fund .....	10,649.61
Oct. 30,	Transferred to $\frac{1}{10}$ mill building tax fund .....	15,138.44
	Transferred to $\frac{1}{10}$ mill building tax fund .....	475.10
	1904	
Jan. 31,	Transferred to new medical buildings fund .....	20,000.00
April 19,	Transferred to equipment fund, new medical buildings .....	10,000.00
June 23,	Transferred to new medical buildings fund .....	10,000.00
	Transferred to natural science building fund .....	10,000.00
	Cash on hand June 30, 1904 .....	15,783.64
	Total .....	\$112,409.22 \$ 112,409.22

## NATURAL SCIENCE BUILDING FUND—1903-1904.

## Receipts:

1904

June 23, Transferred from building tax fund.....		\$ 10,000.00
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## Disbursements:

1904

June 23, Proudfoot & Bird, plans.....	\$ 3,000.00	
Cash on hand June 30, 1904.....	7,000.00	
Total.....	\$ 10,000.00	\$ 10,000.00

## NEW MEDICAL BUILDINGS FUND—1903-1904.

## Receipts:

Balance on hand, July 1, 1903....	\$ 16,770.51	
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1903

Sept. 24, Transferred from equipment fund, new medical buildings.....		35,000.00
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1904

Jan. 31, Transferred from building tax fund		20,000.00
June 23, Transferred from building tax fund		10,000.00

## Disbursements:

1903

July 16, Jas. Rowson & Son, contractors..	\$ 3,333.61	
Various persons.....	173.61	
Aug. 26, Jas. Rowson & Son, contractors..	11,409.61	
Various persons.....	150.00	
Sept. 23, Jas. Rowson & Son, contractors..	8,532.63	
Various persons.....	217.50	
Oct. 30, Jas. Rowson & Son, contractors..	9,705.75	
Various persons.....	766.82	
Nov. 24, Jas. Rowson & Son, contractors..	5,451.38	
Various persons.....	1,497.25	
Dec. 22, Jas. Rowson & Son, contractors..	8,011.82	
Various persons.....	1,465.61	

1904

Jan. 29, Jas. Rowson & Son, contractors..	4,072.50	
Various persons.....	735.09	
Feb. 16, Proudfoot & Bird, architects.....	600.00	
Various persons.....	604.92	
March 25, Jas. Rowson & Son, contractors..	4,073.75	
C. Hurley, plumbing .....	1,047.06	
Various persons.....	250.53	
April 19, Jas. Rowson & Son, contractors..	2,312.53	
Various persons.....	2,017.48	
May 24, Jas. Rowson & Son, contractors..	3,349.29	
Various persons.....	1,194.88	
June 23, Jas. Rowson & Son, contractors..	2,317.50	
Various persons.....	1,102.90	
Cash on hand June 30, 1904 .....	7,376.49	

Total.....	\$ 81,770.51	\$ 81,770.51
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## EQUIPMENT FUND, NEW MEDICAL BUILDINGS—1903-1904.

## Receipts:

1903

Aug. 26, State warrant.....	\$ 35,000.00	
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1904

April 19, Transferred from building tax fund		10,000.00
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## Disbursements:

1903

Sept. 24, Transferred to new medical buildings fund .....	\$ 35,000.00	
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1904

April 19, Miscellaneous warrants.....	146.89	
May 24, Miscellaneous warrants.....	667.92	
Cash on hand June 30, 1904 .....	9,185.19	

Total.....	\$ 45,000.00	\$ 45,000.00
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## REPAIR AND CONTINGENT FUND—1903-1904.

## Receipts:

Cash on hand July 1, 1903.....	\$ 140.79	
August 26, 1903, State warrant.....		5,000.00

## Disbursements:

General repairs.....	\$ 3,200.25	
Old Capitol building repairs.....	222.91	
Hall of Liberal Arts repairs.....	50.46	
Science building repairs.....	87.68	
Dental building repairs.....	88.92	
Physics building repairs.....	47.50	
Power house repairs.....	375.28	
Athletic field repairs.....	250.00	
Chemical laboratory repairs.....	112.14	
Homeopathic hospital repairs.....	300.00	
University hospital repairs.....	350.00	
University hospital boiler house repairs.....	7.83	
Electric bell service .....	197.94	
Overdraft, June 30, 1904.....		150.12

Total .....	\$ 5,290.91	\$ 5,290.91
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A. WHITNEY CARR FREE SCHOLARSHIP PRINCIPAL FUND—  
1903-1904.

Cash on hand, July 1, 1903.....	\$ 50,000.00	
Cash on hand, June 30, 1904.....	\$ 50,000.00	
Total.....	\$ 50,000.00	\$ 50,000.00

On this fund Mr. Carr is paid three per cent annually, and the balance of interest pays for the A. Whitney Carr free scholarships in the College of Liberal Arts.

A. WHITNEY CARR FREE SCHOLARSHIP INCOME FUND—  
1903-1904.

Receipts:		
Cash on hand, July 1, 1903.....	\$	9.19
Interest on principal.....		2,470.39
Disbursements:		
A. Whitney Carr annuity.....	\$	1,500.00
Edwinna Bolton, scholarship.....		25.00
Claude A. Bartholow, scholarship.....		25.00
Merlyn B. Call, scholarship.....		25.00
Agnes Mae Crane, scholarship.....		25.00
Harold R. Davis, scholarship.....		25.00
Clara Doll, scholarship.....		25.00
Pearl Avis Gordon, scholarship.....		25.00
Hohannes S. Kacherian, scholarship.....		25.00
Victor T. Neander, scholarship.....		25.00
Herbert S. Allen, scholarship.....		25.00
Philip E. Ritz, scholarship.....		25.00
Nellie Sebern, scholarship.....		25.00
Eva Weber, scholarship.....		25.00
Mary F. Williams, scholarship.....		25.00
Hugh E. Young, scholarship.....		25.00
Cash on hand, June 30, 1904.....		604.58
Total.....	\$	2,479.58
	\$	2,479.58

## F. O. LOWDEN ORATORY PRIZE FUND—1903-1904.

Twenty-five shares of 7 per cent preferred stock of National Biscuit Co., on hand July 1, 1903, and June 30, 1904.....	\$	2,500.00	\$	2,500.00
	\$	2,500.00	\$	2,500.00

## F. O. LOWDEN ORATORY PRIZE INCOME FUND—1903-1904.

Receipts:		
Cash on hand, July 1, 1903.....	\$	93.75
Seven per cent dividend on twenty-five shares of stock in National Biscuit Co., gift of F. O. Lowden.....		175.00
Disbursements:		
George P. Jones, first prize, Northern Oratorical League contest.....	\$	100.00
Thomas J. Meek, second prize, Northern Oratorical League contest.....		50.00
Cash on hand, June 30, 1904.....		118.75
	\$	268.75
	\$	268.75

## WILLIAM JENNINGS BRYAN PRIZE FUND—1903-1904.

Cash on hand, July 1, 1903.....		250.00
Cash on hand, June 30, 1904.....		250.00

## WILLIAM JENNINGS BRYAN PRIZE INCOME FUND—1903-1904.

Receipts:		
Interest on principal.....		3.62
Disbursements:		
J. O. Johnson, first prize, political science essay contest.....		12.50
Overdraft, June 30, 1904.....		8.88
	\$	12.50
	\$	12.50

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR FISCAL  
YEAR ENDING JUNE 30, 1905.

## RECEIPTS.

From State Appropriations:		
Code, 1897, §2643, support.....	\$	65,500.00
27th G. A., Ch. 142, §1, support.....		8,333.33
28th G. A., Ch. 152, §2, support.....		41,666.66
29th G. A., Ch. 183, §2, support.....		29,166.66
30th G. A., Ch. 156, §2, support.....		23,958.34
29th G. A., Ch. 183, §2, special land.....		12,500.00
29th G. A., Ch. 171, §2, $\frac{1}{2}$ mill building tax...		111,500.00
30th G. A., Ch. 156, §2, repair and contingent		7,187.50
30th G. A., Ch. 156, §2, equip't and supplies		10,000.00
30th G. A., Ch. 156, §2, paving and sidewalks		4,000.00
30th G. A., Ch. 156, §2, engineering building		12,500.00
30th G. A., Ch. 156, §2, tunnel and extension		5,000.00
30th G. A., Ch. 156, §2, library.....		10,000.00
	\$	341,312.49

## From Productive Funds:

Donated land fund—rents, etc.....	\$	548.25
Permanent land endowment fund—interest and rents.....		12,296.34

12,844.59

## From Miscellaneous Sources:

Tuitions.....	\$	46,507.00
Diploma fees.....		2,705.00
University Hospital receipts.....		17,033.57
University Homeopathic Hospital receipts....		6,195.76
Dental clinic receipts.....		3,939.99
Special land fund—rents and material sold....		3,189.64
Interest on daily bank balances.....		1,410.28
Law loan book account.....		309.25
Laboratory deposits, net.....		261.88
Miscellaneous cash—material sold, rents, etc..		2,025.89

83,578.26

## From Special Funds:\*

A. Whitney Carr free scholarship interest fund\$	2,483.71	
F. O. Lowden oratory prize interest fund.....	175.00	
W. J. Bryan prize interest fund.....	12.50	2,671.21

Total cash receipts from all sources..... \$ 440,406.55

## Cash on Hand, July 1, 1904:

Income fund.....		4,536.83
Repair and contingent fund.....	\$	150.12
Special land fund.....		1,150.86
One fifth mill building tax fund.....		15,783.64
New Medical buildings fund.....		7,376.49
Donated land fund.....		1,140.46
Equipment fund, new medical buildings.....		9,185.19
Natural science building fund.....		7,000.00
A. Whitney Carr free scholarship interest fund		604.58
F. O. Lowden oratory prize interest fund.....		118.75
W. J. Bryan prize interest fund.....		8.88

Total..... \$ 159.00 \$ 487,303.35

Less overdrafts..... 159.00

Net total of cash available for all purposes, 1904-1905....\$ 487,144.35

\*These "special funds" are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

## DISBURSEMENTS—1904-1905.

College of Liberal Arts.....	\$	101,544.87
College of Law.....		12,271.48
College of Medicine.....		31,665.64
College of Homeopathic Medicine.....		5,685.00
College of Dentistry.....		15,529.19
College of Pharmacy.....		3,748.46
Graduate College.....		4,302.50
Library.....		12,977.76
Administration.....		13,131.08
Summer session and library school.....		5,000.00
University extension expenses.....		885.59
Fiked charges.....		56,595.84
Refunded tuitions.....		253.78
University Hospital.....		16,369.49
University Homeopathic Hospital.....		5,970.94
Law loan book account.....		108.50
Donated land fund.....		37.59
Special land fund.....		15,778.08
One-fifth mill building tax fund.....		19,512.19
* Natural science building fund.....		35,678.22
† New medical buildings fund.....		27,567.30
Equipment fund, new medical buildings.....		30,488.78
* Gymnasium and armory fund.....		33,123.71
Engineering building fund.....		3,042.40
Tunnel and extension fund.....		4,880.73
Paving and sidewalks fund.....		3,875.05
Equipment and supplies fund.....		9,213.30
Repair and contingent fund.....		7,187.66
A. Whitney Carr free scholarship interest fund...		2,130.00
F. O. Lowden oratory prize interest fund.....		150.00
W. J. Bryan prize interest fund.....		10.00

Total..... \$ 478,715.13

## Cash on Hand, June 30, 1905:

Income fund.....	\$	10,293.99
One-fifth mill building tax fund.....		145.74
Special land fund.....		1,064.42
A. Whitney Carr free scholarship interest fund.		958.29
F. O. Lowden oratory prize interest fund.....		143.75
W. J. Bryan prize interest fund.....	6.38	
Equipment fund, new medical buildings.....		2,196.41
Natural science building fund.....		1,422.43
New medical buildings fund.....		809.19
Repair and contingent fund.....	150.28	

\* The natural science building fund and gymnasium and armory fund are funds created by the Board of Regents from the one-fifth mill building tax fund.

† See note under "Disbursements—1903-1904."

NOTE—The above expenditures are itemized in the following pages, the several accounts being set out in the order given above.

Paving and sidewalk fund.....	\$	124.95
Equipment and supplies fund.....		786.70
Engineering building fund.....		9,457.60
Tunnel and extension fund.....		119.27
Donated land fund.....		1,651.12
		<u>\$ 497,595.00</u>
Less overdrafts.....	\$	10,450.65
Net total.....	\$	<u>487,144.35</u>

## INCOME FUND—1904-1905.

Receipts:		
From State appropriations.....	\$	178,624.99
Tuitions:		
College of Liberal Arts.....	\$	13,562.50
College of Law.....		9,644.25
College of Medicine.....		12,952.50
College of Homeopathic Medicine.....		1,978.50
College of Dentistry.....		5,330.25
College of Pharmacy.....		1,832.00
Summer Session and Library School.....		1,035.00
Special examination fees.....		52.00
Graduate College.....		120.00
		<u>46,507.00</u>
Diploma fees.....		2,705.00
University hospital receipts (Exhibit A).....		17,033.57
University Homeopathic hospital receipts (Exhibit B).....		6,195.76
Dental clinic receipts (Exhibit C).....		3,939.99
Law loan book account (Exhibit D).....		309.25
Laboratory deposits—net.....		261.88
Interest on permanent land fund.....		12,022.25
Interest on daily bank balances.....		1,410.28
Rents on land endowment.....		274.09
Miscellaneous cash—rents, and material sold..		2,025.89
		<u>\$ 271,309.95</u>
Cash on hand, July 1, 1904.....		4,285.90
		<u>\$ 275,595.85</u>
Overdraft, June 30, 1905.....		10,444.27
Total income fund, 1904-1905.....	\$	<u>286,040.12</u>

Disbursements:		
College of Liberal Arts, salaries.....	\$	87,369.53
College of Liberal Arts, apparatus and supplies.....		14,175.34
College of Law, salaries.....		12,135.00
College of Law, supplies.....		136.48
College of Medicine, salaries.....		24,571.66
College of Medicine, apparatus and supplies.....		7,093.98
College of Homeopathic Medicine, salaries.....		5,450.00
College of Homeopathic Medicine, apparatus and supplies..		235.00
College of Dentistry, salaries.....		12,050.00
College of Dentistry, apparatus and supplies.....		3,479.19
College of Pharmacy, salaries.....		2,819.52
College of Pharmacy, apparatus and supplies.....		928.94
Library, salaries.....		2,861.60
Library, books.....		9,613.60
Library, supplies.....		502.56
Administration, salaries.....		12,517.05
Administration, apparatus and supplies.....		614.03
Graduate College, fellowships and scholarships.....		4,302.50
Summer Session and Library School, salaries.....		4,845.00
Summer Session and Library School, apparatus and supplies		155.00
University Hospital, expenses (Exhibit A).....		16,369.49
University Homeopathic Hospital, expenses (Exhibit B).....		5,970.94
University extension expenses.....		885.59
Law loan book account (Exhibit D).....		108.50
Fixed charges.....		56,595.84
Refunded tuitions.....		253.78
Total expended, 1904-1905.....	\$	<u>286,040.12</u>

## EXPENDITURES—INCOME FUND—1904-1905.

## COLLEGE OF LIBERAL ARTS.

Botany:		
T. H. Macbride, professor.....	\$	2,400.00
Bohumil Shimek, professor.....		1,600.00
F. J. Seaver, assistant.....		225.00
Lucy M. Cavanagh, herbarium assistant.....		300.00
Apparatus and supplies.....	\$	325.50
Physiological botany supplies.....		200.00
Chemistry:		
Cari von Ende, instructor.....		1,000.00
C. L. Bryden, instructor in metallurgical chemistry.....		900.00
H. H. Lochridge, storekeeper (resigned).....		260.00
H. V. Farr, storekeeper (resigned).....		172.50
C. G. Runyon, storekeeper.....		150.00
R. E. Humphrey, assistant.....		12.50
W. R. Dickson, assistant.....		12.50
Apparatus and supplies.....		646.75
Metallurgical chemistry supplies.....		300.00

## Education:

F. E. Bolton, professor.....	\$ 1,900.00	
J. F. Brown, professor and inspector of high schools.....	1,800.00	
H. C. Dorcas, assistant professor and university examiner, \$1,400.00; registrar, \$100.00..	1,500.00	
University examiner's assistants.....	113.98	
Apparatus and supplies and traveling expenses		\$ 1,014.63

## Engineering, Civil:

W. G. Raymond, professor.....	3,600.00	
B. J. Lambert, instructor.....	1,100.00	
S. E. Shaff, assistant in shop practice, \$650.00; university electrician, \$80.00.....	730.00	
Marcia O. Dunham, stenographer.....	400.00	
Apparatus and supplies.....		1,750.00

## Engineering, Electrical and Mechanical:

R. T. Wells, assistant professor in charge.....	1,200.00	
Apparatus and supplies.....		3,500.00

## Engineering, Municipal and Sanitary:

C. S. Magowan, professor.....	1,500.00	
Apparatus and supplies.....		1,000.00

## Engineering, Steam:

S. M. Woodward, professor.....	1,750.00	
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## English:

C. F. Ansley, professor.....	\$ 2,200.00	
S. N. Hagen, instructor (resigned).....	320.00	
S. B. Sloan, instructor.....	800.00	
Perceval Hunt, instructor.....	600.00	
Mary G. Chawner, assistant instructor.....	400.00	
Sarah R. Quigley, assistant.....	700.00	
Josef Wiehr, Assistant in German.....	100.00	
L. A. Brewer, lecturer on journalism.....	250.00	

## Theme Readers:

Mabel Rundell.....	100.00	
Joanna G. Strange.....	100.00	
Alice M. Waldron.....	50.00	
Ella I. Waterbury.....	100.00	
Frances A. Carroll.....	75.00	
Sadie Jacobs.....	50.00	
Mabel M. Volland.....	50.00	
Martha Hutchinson.....	50.00	
Lois Davidson.....	30.00	
Virginia Haldeman.....	37.50	
E. G. Quigley.....	30.00	
Julia Swanson.....	25.00	
Apparatus and supplies.....		137.00

## French:

F. C. L. Van Steenderen, professor.....	1,800.00	
S. H. Bush, assistant professor.....	1,100.00	
Hertha L. Voss, assistant instructor.....	500.00	
Apparatus and supplies.....		19.75

## Geology and Mining:

Samuel Calvin, professor.....	2,400.00	
F. A. Wilder, professor.....	2,100.00	
John Carville, attendant.....	450.00	
Apparatus and supplies.....		216.58
Apparatus and supplies, applied science.....		1,750.00

## German:

C. B. Wilson, professor.....	2,200.00	
F. B. Sturm, assistant professor.....	1,200.00	
C. W. Eastman, assistant professor.....	1,200.00	
Apparatus and supplies.....		25.00

## Greek:

Arthur Fairbanks, professor.....	2,200.00	
Leona A. Call, professor.....	1,200.00	
Apparatus and supplies.....		25.00
Archaeology supplies.....		98.34

## History:

W. C. Wilcox, professor.....	2,200.00	
H. G. Plum, professor.....	1,400.00	
E. C. Nelson, assistant.....	125.00	
Apparatus and supplies.....		44.63

## Latin:

A. N. Currier, professor and dean of the College of Liberal Arts.....	2,400.00	
F. H. Potter, professor.....	1,300.00	
Assistant, dean's office.....	75.00	
Apparatus and supplies.....		25.00

## Mathematics:

L. G. Weld, professor, and dean of the Graduate College.....	2,300.00	
J. V. Westfall, instructor.....	1,000.00	
E. L. Dodd, instructor.....	800.00	
W. E. Beck, assistant instructor.....	\$600.00	
Assistant at observatory.....	75.00—	675.00
Assistance for dean of Graduate College.....		175.00
Assistance for director of School of Applied Science.....		125.00
Apparatus and supplies.....		83.96



Military Science:		
G. R. Burnett, professor and commandant....	500.00	
F. R. Molsberry, bandmaster.....	150.00	
H. M. Pratt, armorer.....	60.00	
Compensation to professional students playing in band*.....	150.00	
Apparatus and supplies.....		50.00
Morphology:		
G. L. Houser, professor.....	1,600.00	
J. J. Lambert, instructor.....	1,000.00	
H. M. Ivins, laboratory assistant.....	100.00	
H. L. Moon, undergraduate laboratory assistant.....	25.00	
O. V. Wille, undergraduate laboratory assistant.....	25.00	
Apparatus and supplies.....		400.00
Philosophy:		
G. T. W. Patrick, professor.....	2,200.00	
C. E. Seashore, professor.....	1,700.00	
J. B. Miner, instructor.....	600.00	
Apparatus and supplies.....		300.00
Physical Training:		
J. G. Chalmers, professor and director of physical training and athletics.....	1,500.00	
Valborg Kastman, assistant instructor in phys- ical training for women.....	600.00	
Zoe DeSelle, pianist.....	65.55	
Apparatus and supplies.....		39.79
Physics and Mechanics:		
A. G. Smith, professor.....	1,300.00	
A. A. Veblen, professor of experimental phys- ics.....	1,800.00	
C. F. Lorenz, instructor.....	900.00	
Garrett Bos, assistant.....	75.00	
Apparatus and supplies, physics.....		848.63
Apparatus and supplies, mechanics.....		400.00
Political Economy and Sociology:		
I. A. Loos, professor.....	2,200.00	
W. R. Patterson, professor.....	1,800.00	
Margaret Schaffner, instructor.....	800.00	
Assistance and supplies.....		55.28
Supplies, commercial and statistical museum.....		300.00
Political Science:		
B. F. Shambaugh, professor.....	2,000.00	
F. E. Horack, instructor.....	800.00	
Apparatus and supplies.....		75.00

\*Liberal Arts students play in the band in lieu of military service. Professional students, upon whom military drill is not compulsory, receive a small compensation for playing in the band.

Public Speaking:		
H. E. Gordon, professor.....	2,000.00	
Mary S. Everts, assistant instructor and acting dean of women.....	900.00	
Apparatus and supplies.....		19.50
Scandinavian:		
G. T. Flom, acting professor.....	1,200.00	
Apparatus and supplies.....		25.00
Zoology:		
C. C. Nutting, professor.....	2,200.00	
H. F. Wickham, professor.....	1,200.00	
R. M. Anderson, taxidermist.....	300.00	
Museum.....		200.00
Apparatus and supplies.....		300.00
Total salaries, apparatus and supplies for the year 1904-1905.....		
	\$ 87,369.53	\$ 14,175.34

## COLLEGE OF LAW—1904-1905.

C. N. Gregory, professor and dean.....	\$ 4,000.00	
Samuel Hayes, professor.....	2,300.00	
E. A. Wilcox, professor.....	1,600.00	
L. M. Byers, professor.....	1,500.00	
Barry Gilbert, professor.....	1,500.00	
H. M. Towner, lecturer.....	500.00	
M. L. Ferson, librarian.....	400.00	
F. F. Wyckoff, assistant librarian.....	25.00	
H. M. Algyer, assistant librarian.....	25.00	
M. L. Sims, assistant librarian.....	25.00	
J. W. Evans, stenographer.....	260.00	
Furniture and supplies.....		\$ 136.48
Total salaries, apparatus and supplies for the year 1904-1905.....		
	\$ 12,135.00	\$ 136.48

## COLLEGE OF MEDICINE—1904-1905.

Anatomy:		
H. J. Prentiss, professor.....	\$ 3,000.00	
J. P. Mullin, demonstrator.....	75.00	
E. P. Lord, demonstrator.....	150.00	
E. E. Hobby, assistant demonstrator.....	50.00	
W. H. Fox, senior assistant demonstrator.....	40.00	
A. D. Woods, junior assistant demonstrator ..	20.00	
J. M. Cadwallader, prosector.....	20.00	
R. L. Glase, prosector.....	20.00	
Apparatus and supplies.....		\$ 82.62
Dissecting material for all colleges.....		4,470.77

Chemistry:		
E. W. Rockwood, professor.....	2,200.00	
C. T. Lincoln, instructor.....	1,000.00	
W. J. Karslake, instructor.....	1,000.00	
Apparatus and supplies, all professional colleges .....		700.00
Gynecology:		
J. R. Guthrie, professor, \$1,100; dean, \$100..	1,200.00	
J. G. Mueller, clinical assistant.....	50.00	
Apparatus and supplies.....		152.73
Histology:		
W. R. Whiteis, professor, \$1,650; director University hospital, \$100 .....	1,750.00	
A. R. Hoover, instructor.....	800.00	
E. E. Blythe, assistant.....	600.00	
A. W. Starbuck, assistant.....	100.00	
H. W. Murphy, assistant.....	100.00	
E. C. Ward, student assistant.....	50.00	
Apparatus and supplies, all colleges.....		167.62
Materia Medica:		
C. S. Chase, professor.....	1,200.00	
R. E. Hall, student assistant.....	200.00	
W. C. Wolverton, tutor in medical latin.....	100.00	
Apparatus and supplies.....		75.00
Ophthalmology and Otology:		
L. W. Dean, professor.....	500.00	
F. W. Bailey, assistant instructor.....	300.00	
Apparatus and supplies.....		188.91
Pathology		
Henry Albert, professor.....	1,100.00	
Aufin Egdahl, instructor.....	1,000.00	
D. J. Meents, assistant .....	50.00	
C. P. Schenck, assistant .....	100.00	
Joseph Anderson, attendant.....	291.66	
Ort Schaeffer, attendant .....	70.00	
Gertrude Storey, stenographer .....	105.00	
Anna Stach, stenographer.....	30.00	
Apparatus and supplies, all colleges.....		300.00
Physiology:		
J. J. McClintock, professor .....	1,600.00	
R. E. Kleinsorge, assistant instructor .....	600.00	
E. R. Walker, assistant.....	200.00	
Apparatus and supplies, all colleges.....		300.00
Surgery:		
William Jepson, professor.....	1,100.00	
A. J. Burge, assistant.....	1,250.00	
Apparatus and supplies.....		205.12

Theory and Practice:		
W. L. Bierring, professor.....	1,100.00	
Clarence Van Epps, instructor.....	1,000.00	
Apparatus and supplies.....		30.00
Surgical instruments.....		421.21
Lecturers:		
J. B. Kessler, dermatology.....	200.00	
G. E. Decker, Pædiatrics .....	100.00	
J. P. Crawford, surgical technique.....	50.00	
Gershom H. Hill, insanity!.....	100.00	
Total salaries, apparatus and supplies for the year 1904-1905.....		
	\$ 24,571.66	\$ 7,093.98

## COLLEGE OF HOMEOPATHIC MEDICINE—1904-1905.\*

Materia Medica:		
George Royal, professor, \$1,100.00; dean, \$100.00 .....	\$ 1,200.00	
Apparatus and supplies .....		\$ 10.00
Obstetrics:		
F. J. Becker, professor.....	950.00	
T. L. Hazard, assistant and lecturer .....	200.00	
Apparatus and supplies.....		100.00
Ophthalmogy:		
W. L. Bywater, professor.....	750.00	
Apparatus and supplies.....		25.00
Surgery:		
J. G. Gilchrist, professor.....	1,100.00	
Leora Johnson, clinical assistant.....	100.00	
Apparatus and supplies .....		75.00
Theory and Practice:		
B. R. Johnston, professor.....	950.00	
Jas. Moorhead, lecturer.....	200.00	
Apparatus and supplies .....		25.00
Total salaries, apparatus and supplies for the year 1904-1905.....		
	\$ 5,450.00	\$ 235.00

\*Anatomy, chemistry, histology, pathology and physiology are charged under College of Medicine.

## COLLEGE OF DENTISTRY—1904-1905.\*

## Operative Dentistry:

F. T. Breene, professor.....	\$ 1,100.00
R. H. Volland, lecturer and demonstrator....	1,200.00
E. A. Schrader, clinical demonstrator.....	800.00

## Orthodontia:

W. J. Brady, professor.....	1,500.00
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## Oral Surgery:

G. V. I. Brown, professor .....	1,200.00
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## Prosthetic Dentistry:

W. S. Hosford, professor and dean .....	1,900.00
Henry Morrow, demonstrator.....	1,000.00
W. E. Spence, demonstrator.....	800.00

## Regional Anatomy:

E. A. Rogers, professor and superintendent of Clinics.....	\$ 1,800.00
C. C. Nutting, lecturer .....	50.00
Ella Bashnagel, clerk.....	500.00
Clarissa Joy, clerk.....	200.00
Dues, National Institute of Dental Pedagogics	10.00
Clinical supplies.....	2,542.98
Laboratory supplies.....	430.75
Dental Alumni Clinic.....	254.58
Laboratory equipment.....	240.88

Total salaries, apparatus and supplies, for the year 1904-1905.....\$ 12,050.00 \$ 3,479.19

\*Anatomy, chemistry, histology, pathology and physiology are charged to the College of Medicine.

## COLLEGE OF PHARMACY—1904-1905.

W. J. Teeters, professor and dean.....	\$ 2,000.00
Zada M. Cooper, instructor.....	700.00
Student assistants .....	119.52
Apparatus and supplies.....	922.75
Pharmaceutical botany supplies.....	6.19

Total salaries, apparatus and supplies, for the year 1904-1905.....\$ 2,819.52 \$ 928.94

## GRADUATE COLLEGE—1904-1905.

W. B. Bell, fellow in zoology.....	\$ 225.00
R. L. Byrnes, fellow in pathology and bacteriology.....	225.00
Sarah E. Cronin, fellow in mathematics.....	225.00
H. V. Farr, fellow in chemistry, resigned .....	112.50
P. I. Hanzlik, assistant in chemistry.....	90.00
H. H. Fitch, assistant and fellow in latin.....	325.00
C. V. Kent, fellow in physics.....	225.00
Frederike B. Haan, fellow in German.....	225.00
Daniel Starch, fellow in philosophy.....	225.00
C. W. Wassam, fellow in political economy and sociology.....	225.00
Josef Wiehr, fellow in German .....	225.00
May Shuck, fellow in English.....	225.00
Fred Albert, scholar in internal medicine .....	125.00
C. E. Bale, scholar in English.....	125.00
Alice Rigby, scholar in English.....	125.00
Bess Peebles, scholar in English.....	125.00
Elizabeth L. Sherwood, scholar in English.....	125.00
C. H. Hanson, scholar in geology.....	125.00
S. W. Hockett, scholar in geology .....	125.00
E. A. Jenner, scholar in psychology .....	125.00
J. O. Johnson, scholar in political science.....	125.00
J. F. Lee, scholar in public speaking.....	125.00
L. A. Quaife, scholar in pathology and bacteriology.....	125.00
Ethel L. Smith, scholar in German.....	125.00
Ethelind Swire, scholar in French.....	125.00
Fern M. Williams, scholar in Greek.....	125.00

Total of graduate fellowships and scholarships, 1904-1905.....\$ 4,302.50

## LIBRARY—1904-1905\*

M. G. Wyer, acting librarian in charge.....	1,000.00
Della Sanford, cataloguer.....	630.00
Louise Howell, assistant cataloguer.....	400.00
Lavinia Steele, reference assistant, resigned.....	280.00
Joanna G. Strange, assistant.....	300.00
N. W. Jones, assistant.....	125.00
Assistants by the hour.....	126.60
Supplies.....	\$ 502.56

Total salaries, apparatus and supplies for the year 1904-1905.....\$ 2,861.60 \$ 502.56

\*For expenditures for books, see library fund account.

## ADMINISTRATION—1904-1905.

George E. MacLean, president.....	\$ 6,000.00	
F. C. Drake, secretary to president.....	900.00	
Alice B. Chase, executive clerk.....	700.00	
President's office supplies.....		132.49
W. J. McChesney, secretary to Board of Regents.....	1,800.00	
L. W. Dutcher, assistant.....	1,000.00	
R. B. Pike, clerk.....	225.00	
Secretary's office supplies.....		150.00
Lovell Swisher, treasurer.....	800.00	
Clara L. Abernethy, assistant registrar.....	600.00	
Eula DeVoll, assistant.....	330.00	
Registrar's assistants by the hour.....	162 05	
Registrar's office supplies.....		281.54
Superintendent of grounds and buildings, office appropriation.....		50.00
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Total salaries, apparatus and supplies for the year 1904-1905.....	\$ 12,517.05	\$ 614.03

1904-1905.

## SUMMER SESSION AND LIBRARY SCHOOL

June 20-July 30, 1904.

J. H. T. Main, professor of Greek.....	\$ 200.00
F. H. Potter, professor of Latin.....	245.00
F. C. L. Van Steenderen, professor of French.....	200.00
S. H. Bush, assistant professor of French.....	45.00
C. B. Wilson, professor of German.....	200.00
Josef Wiehr, lecturer in German.....	60.00
H. W. Ward, professor of English.....	200.00
H. G. Buehler, instructor in English.....	100.00
Rose M. Kavana, instructor in English.....	100.00
H. E. Gordon, professor of public speaking.....	200.00
Ethel Elliott, assistant in public speaking.....	60.00
W. C. Wilcox, professor of history.....	200.00
I. A. Loos, professor of sociology, etc.....	200.00
B. F. Shambaugh, professor of political science.....	200.00
C. E. Seashore, professor of psychology.....	200.00
Mabel C. Williams, instructor in psychology.....	100.00
F. E. Bolton, professor of education and director.....	300.00
S. S. Colvin, professor of philosophy and education.....	200.00
G. L. Houser, professor of morphology.....	200.00
H. M. Ivins, assistant in morphology.....	50.00
Bohumil Shimek, professor of botany.....	200.00
F. J. Seaver, assistant in botany.....	60.00

A. A. Vebien, professor of physics.....	200.00
W. M. Boehm, assistant in physics.....	60.00
L. G. Weld, professor of mathematics.....	200.00
J. V. Westfall, instructor in mathematics.....	60.00
F. A. Wilder, professor of geology.....	200.00
L. W. Andrews, professor of chemistry.....	200.00
Esther Crawford, instructor, library school.....	225.00
Annie C. Moore, instructor, library school.....	75.00
Fannie Duren, instructor, library school.....	80.00
Alice S. Tyler, director, library school.....	25.00
Apparatus and supplies.....	\$ 155.00

Total salaries, apparatus and supplies, summer session and library school, for the year 1904-1905.....\$ 4,845.00 \$ 155.00

## UNIVERSITY EXTENSION—1904-1905.

Traveling expenses and supplies.....	885.59
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## FIXED CHARGES—1904-1905.

President's traveling expenses.....	\$ 293.33
Commencement expenses.....	857.47
Alumni Association.....	100.00
General unclassified account.....	7,489.12
This sum was expended for items for which no special appropriations were made.	
Mimeographic and stenographic service for the several departments.....	250.00
Board of Publication.....	500.00
This sum was expended for publishing 3,000 copies of the Alumni Register; and monograph, Iowa Studies IV in The Psychological Review; and for plates, etc., purchased from the Franklin Company.	
Printing and paper.....	2,981.71
Publications, stationery, and miscellaneous printing.....	
Calendars and announcements.....	2,463.16
Cost of printing and mailing calendars and announcements of all colleges and schools.	
Postage:	
On second-class matter.....	300.00
On general matter.....	1,449.10
Telegrams.....	80.01
Telephones.....	251.01
Advertising, of the University in miscellaneous papers.....	1,537.56

Janitor service.....	10,342.72
Head janitors are paid from \$40 to \$50 per month, scrub women, from \$12 to \$18 per month, and student and other help, 15 cents an hour. The pay roll contains from thirty to forty persons, many on part time.	
Engineer and firemen .....	4,480.06
Engineer is paid \$75 per month, firemen from \$35 to \$45. From four to ten firemen are employed, varying according to the season of the year.	
Power house and heating plant repairs.....	309.45
Fuel.....	16,212.28
Contract for coal for 1904-1905 was awarded to J. B. Frahm Co., Davenport, Iowa, for Springfield mine run, \$2.80 per ton; and to E. E. Pinney Coal Company, Cedar Rapids, Oskaloosa lump, \$2.80; mine run, \$2.61 per ton; fancy steam, \$1.85 per ton. Prices are f. o. b., Iowa City. Hauling costs about 18c per ton. Consumption about 6,000 tons.	
Water service.....	1,644.00
The Iowa City Water Co. furnishes water for all University buildings for \$411 per quarter.	
Gas and electric light.....	1,722.97
The Iowa City Gas Light Co. furnishes gas for all University buildings for \$1.40 per 1,000 cubic feet. Iowa City Electric Light Co. furnishes electric light for 10c per k. w.	
Opera house rent.....	221.69
\$30 per night and \$20 per day.	
Y. M. C. A., rent.....	784.50
The University rents three large rooms on the second floor for the literary societies, the gymnasium and bath rooms for the ladies' gymnasium, and several smaller rooms; for \$200 per quarter. The University heats and lights the building and furnishes an attendant.	
Janitors' supplies.....	805.80
Scavenger service.....	100.00
Ice.....	75.00
Y. M. C. A., support.....	399.05
Money expended to maintain employment bureau, and to make up directory of rooming and boarding places.	
Lighting campus.....	249.60
The Iowa City Electric Light Company furnishes four arc lights to illuminate campus at a rate of \$6.25 per light per quarter.	
University Hospital supplies.....	167.50
Expended as follows: X-ray motor, \$70.00; compressed air motor, \$37.50; type-writer, \$60.00.	

Soundings for dam.....	300.00
Expended for labor and material for making soundings for dam.	
Louisiana Purchase Exposition material.....	228.75
Expended for freight and labor on material obtained from the Louisiana Purchase Exposition.	
Total fixed charges, 1904-1905.....	\$ 56,595.84

## REFUNDED TUITIONS—1904-1905.

Tuition refunded for various reasons, by order of the Board of regents.....	253.75
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*Exhibit A.*

## UNIVERSITY HOSPITAL ACCOUNT—1904-1905.

Receipts:			
Hospital earnings.....		\$ 14,800.27	
Nurses' earnings.....		158.00	
Bandaging fees.....		2,075.30	
Disbursements:			
Salaries, Nurses' Training School.....	\$ 2,604.67		
Help.....	2,247.54		
Provisions.....	6,747.24		
Household.....	3,408.91		
Medicine.....	1,361.13		
		\$ 16,369.49	
Surplus for year.....		664.08	
Total.....	\$ 17,033.57	\$ 17,033.57	

*Exhibit B.*

## UNIVERSITY HOMEOPATHIC HOSPITAL ACCOUNT—1904-1905.

Receipts:			
Cash on hand, July 1, 1904.....		\$ 115.94	
Hospital earnings.....		5,264.76	
Nurses' earnings.....		426.00	
Bandaging fees.....		505.00	
Disbursements:			
Salaries, Nurses' Training School.....	\$ 1,471.00		
Help.....	765.35		
Provisions.....	2,563.82		
Household.....	916.53		
Medicine.....	254.24		
		\$ 5,970.94	
Surplus for the year.....		330.76	
Total.....	\$ 6,311.70	\$ 6,311.70	

*Exhibit C.*

## DENTAL CLINIC RECEIPTS—1904-1905.

October, 1904 .....	\$	101.66
November, 1904.....		138.82
December, 1904.....		424.55
January, 1905.....		363.68
February, 1905.....		582.75
March, 1905.....		763.80
April, 1905.....		310.20
May, 1905.....		427.35
June, 1905.....		827.18
Total receipts, 1904-1905.....	\$	3,939.99

*Exhibit D.*

## LAW LOAN BOOK ACCOUNT—1904-1905.

Receipts:				
Cash on hand, July 1, 1904.....	\$	6.50		
Rent on law loan sets.....		309.25		
Disbursements:				
Z. Seeman, binding.....	\$	15.35		
Baker & Voorhees, books.....		39.00		
Jas. Barr, books.....		54.15		
Cash on hand, June 30, 1905.....		207.25		
Total .....	\$	315.75	\$	315.75

## ALUMNI BOOK ACCOUNT—1904-1905.

Cash on hand July 1, 1904.....	\$	30.45		
Cash on hand June 30, 1905.....	\$	30.45		
Total .....	\$	30.45	\$	30.45

## LIBRARY FUND—1904-1905.

## RECEIPTS.

State warrants .....	\$	10,000.00
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## DISBURSEMENTS.

General Library:		
Peabody Institute, books.....	\$	4.50
J. A. Burlingame Co., books.....		57.00
Sampson, Law, Marston & Co., books.....		2.69

B. G. Teubner, books.....	16.72
Modern Law Association of America, books..	2.70
Am. Ass'n Adv. Science, books.....	8.00
Anderson Auction Co., books.....	4.00
Morang & Co., books.....	1.50
W. H. Lowdermilk & Co., books.....	50.00
Philadelphia Bookstore Co., books.....	53.75
J. I. Wyer, books.....	2.00
Military Service Institute, books.....	1.00
Society of Chemical Industry, books.....	11.25
Universal Research Ext., books.....	42.00
Library of Congress, books.....	2.56
G. L. Marick.....	8.00
Merwin-Clayton Sales Co., books.....	7.79
Libbie & Co.....	2.81
J. T. Ries.....	2.75
Library Bureau.....	47.50
K. C. Koferkorn.....	1.25
G. F. Ackley.....	1.00
H. W. Wilson Co.....	5.00
E. D. North.....	4.50
F. Edwards.....	390.00
Mining Magazine.....	2.50
Kenyon News and Postal Subscription Co....	143.78
A. C. McClurg & Co.....	239.84
Boston Book Co.....	29.00
G. E. Stechert & Co.....	318.34
Dodd, Mead & Co.....	112.00
Publishers' Weekly.....	7.00
A. L. A. Publishing Board.....	42.95
G. Fock.....	40.96
Jos. McDonough.....	57.41
Miscellaneous persons.....	75.95
Total .....	\$ 1,800.00
Liberal Arts Library:	
G. E. Karsten, books.....	6.00
Albert Britnell.....	30.02
Kenyon News and Postal Subscription Co....	298.40
A. C. McClurg & Co.....	1,144.28
Putnam & Sons.....	12.20
D. H. Ward.....	2.50
J. B. Ellis.....	20.00
Speyer & Peters.....	104.40
Eugene Dietzgen Co.....	16.70
Engineering and Mining Journal.....	27.45
Review of Reviews.....	11.00
Jos. McDonough.....	12.75
Edward Caldwell.....	78.00

Burrows Bros. & Co.....	19.60
Library Bureau.....	46.20
F Edwards.....	97.25
L. N. Wilson.....	3.50
C. L. Smith.....	140.20
G. E. Stechart & Co.....	1,848.69
Jos. Baer.....	70.85
Iowa Publishing Co.....	25.00
T. J. Fitzpatrick.....	47.00
C. E. Lauriat Co.....	35.88
G. L. Houser.....	25.00
Miscellaneous persons.....	373.10
<b>Total.....</b>	<b>\$ 4,496.97</b>
<b>Law Library:</b>	
Bancroft-Whitney Co., books.....	108.17
Hobbs-Merrill Co.....	12.00
Banks-Law Publishing Co.....	15.20
S. H. Carr.....	133.50
West Publishing Co.....	276.00
T. H. Flood & Co.....	273.90
Z. Seeman, binding.....	90.70
Lawyers Co-operative Publishing Co.....	20.00
Boston Book Co.....	106.93
E. Thompson & Co.....	18.00
American Law Book Co.....	50.80
Callaghan & Co.....	5.00
Miscellaneous persons.....	42.33
<b>Total.....</b>	<b>\$ 1,152.53</b>
<b>College of Medicine Library:</b>	
Polk & Co., books.....	10.00
G. E. Stechart & Co.....	393.92
A. C. McClurg & Co.....	46.86
Kenyon News and Postal Subscription Co.....	79.45
Gustav Fock.....	200.00
Miscellaneous persons.....	12.50
<b>Total.....</b>	<b>\$ 742.73</b>
<b>College of Homeopathic Medicine Library:</b>	
Polk & Co., books.....	10.00
A. C. McClurg & Co.....	168.00
P. Reilly.....	12.00
Davis & Co.....	10.00
<b>Total.....</b>	<b>\$ 200.00</b>

## DISBURSEMENTS.

<b>College of Dentistry Library:</b>	
A. C. McClurg & Co., books.....	\$ 71.01
A. Britnell.....	26.89
G. E. Stechart & Co.....	10.00
Miscellaneous persons.....	17.10
<b>Total.....</b>	<b>\$ 125.00</b>
<b>College of Pharmacy Library:</b>	
Boston Book Co., books.....	\$ 4.86
A. C. McClurg & Co.....	109.74
Kenyon News & Postal Sub. Co.....	6.80
<b>Total.....</b>	<b>\$ 121.40</b>
<b>Binding:</b>	
Zaccheus Seeman.....	\$ 576.22
Neuman & Co.....	24.25
P. Ringer and Hertzberger.....	370.00
T. S. Metcalf.....	4.50
<b>Total.....</b>	<b>\$ 974.97</b>
Cash on hand, June 30, 1905.....	386.40
<b>Total.....</b>	<b>\$ 10,000.00 \$ 10,000.00</b>

## PERMANENT LAND ENDOWMENT FUND—1904-1905.

Cash on hand, July 1, 1904.....	\$ 235,120.36
Cash on hand, June 30, 1905.....	\$ 235,120.36
<b>Total.....</b>	<b>\$ 235,120.36 \$ 235,120.36</b>

## DONATED LAND FUND—1904-1905.

<b>Receipts:</b>	
Cash on hand, July 1, 1904.....	\$ 1,140.46
Rents on land and interest on loans.....	548.25
<b>Disbursements:</b>	
County Clerk, Wright county, court costs.....	\$ 37.59
Cash on hand, June 30, 1905.....	1,651.12
<b>Total.....</b>	<b>\$ 1,688.71 \$ 1,688.71</b>

## SPECIAL LAND FUND—1904-1905.

## Receipts:

1904	Cash on hand, July 1, 1904.....	\$ 1,150.86
Oct. 28,	State warrant .....	6,250.00
Dec. 16,	State warrant .....	3,125.00
1905		
March 20,	State warrant .....	3,125.00
	Rents received .....	1,444.50
	Material sold.....	1,747.14

## Disbursements:

1904		
Oct. 28,	C. S. Welch and A. J. Hanley and Sarah Hanley; part payment on lot 1, except 40 feet off from the south end thereof, block 91, Iowa City, Iowa .....	\$ 4,900.00
	Wm. A. Kettlewell and Grace C. Kettlewell; part payment on east half lot 2, block 91, Iowa City, Iowa.....	1,000.00
Dec. 16,	Beatrice T. Emmons and Chas. A. Emmons and Flora E. Porch; part payment on south 40 feet, lot 1, block 91, Iowa City, Iowa.....	1,450.00
	J. C. Cochran and Maria E. Cochran; part payment on east half lot 7 and all of lot 8, block 90, also commencing at southeast corner lot 8, block 90, running north with east line of said lot 8 to northeast corner thereof, running thence east 10 feet, south 150 feet, west 10 feet, to place of beginning; all in Iowa City, Iowa.....	3,800.00
	Wm. A. Kettlewell and Grace C. Kettlewell; part payment on east half lot 2, block 91, Iowa City, Iowa.....	950.00
1905		
March 30,	Ida M. Warner and Ida M. Warner, guardian Lucile Warner; west half lot 2 and east half lot 3, block 91, Iowa City, Iowa. ...	3,000.00
	Geo. L. Falk, rent of house as nurses' home for University Hospital, from November 1, 1904, to July 1, 1905, at \$45.00 a month.....	360.00

1905

March 30,	Miscellaneous persons, for labor and material.....	318.08
	Cash on hand June 30, 1905.....	1,064.42
		\$ 16,842.50
		\$ 16,842.50

## ONE FIFTH OF A MILL BUILDING TAX FUND—1904-1905.

## Receipts:

Cash on hand July 1, 1904.....	\$ 15,783.64
July 21, 1904, state warrant.....	25,000.00
September 21, 1904, state warrant.....	6,500.00
October 28, 1904, state warrant.....	30,000.00
November 18, 1904, state warrant.....	10,000.00
December 16, 1904, state warrant.....	8,500.00
March 20, 1905, state warrant.....	6,500.00
May 18, 1905, state warrant.....	25,000.00

## Disbursements:

Transferred to gymnasium and armory fund.....	33,123.71
Transferred to natural science building fund.....	15,000.00
Transferred to new medical buildings fund.....	36,000.00
Transferred to equipment fund, new medical buildings.....	23,500.00

1904

July 21,	Wm. Russell, excavating coal bunkers, 890 yards at 42½ cents.....	378.25
	Frank Patterson, building foundation for Stirling boiler, mason and helper, three days at \$6.00.....	18.00
	John Trump, labor on coal bunkers.....	35.60
	C. A. Brown, hauling stone for coal bunkers.....	29.20
	Henry Stelling, mason work on coal bunkers.....	36.90
	Walter Alberhaskey, labor on coal bunkers.....	2.45
	K. Fowler, labor on coal bunkers, \$2 per day.....	19.90
	N. Ehl, labor on coal bunkers, \$2 per day.....	19.90
	Joe Huffman (and team) labor on coal bunkers, \$3.50 per day....	20.61
	Wm. McKay, labor on coal bunkers, \$2 per day.....	24.67
	Jay Leatherby, labor on coal bunkers, \$2 per day.....	1.11



## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904

July 21, C. W. Murphy, labor on coal bunkers, \$2 per day .....	1.78
D. S. Welch, assisting Sup't Buildings and Construction, 1 month .....	60.00
Jas. Rowson & Son, brick and extra excavation for gymnasium and armory, and stone for coal bunkers .....	40.82
Jas. Rowson & Son, brick for boiler setting, 10,000 at \$9.25 .....	92.50
C. Hurley, sewer from new Natural Science Building to connection with Iowa Avenue sewer ..	102.50
W. F. Leinbaugh, cement and lumber for coal bunkers .....	160.16
J. R. Tobeck, sand and gravel for coal bunkers .....	42.60
The John Davis Co., material for steam lines to new medical buildings ..	19.13
Sheets & Freyder, frames for doors of coal bunkers .....	5.00
N. Oakes, 150 feet 8-inch drain tile at 6 cents, for coal bunkers .....	9.00
August 23 Frank Patterson, mason work on old and new boilers .....	140.00
Herman Bogs, labor on buildings, \$2 per day .....	28.00
John Smith, labor on buildings, \$2 per day .....	2.00
William Klema, labor on buildings, \$2 per day .....	2.00
George Klema, labor on buildings, \$2 per day .....	19.78
John Trump, mason work on coal bunkers, at 40c an hour .....	97.20
Henry Stelling, mason work on coal bunkers, at 45c an hour ..	114.95
Joe Kendall, work on coal bunkers, at \$2.00 a day .....	4.00
P. Fowler, labor on coal bunkers, at \$2.00 per day .....	14.89
Albert Gohr, labor on women's gymnasium, at \$2.00 per day ..	4.00
Harry Klema, labor on women's gymnasium, at \$2.00 per day ..	23.77

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904

August 23, The Stirling Co., 200 horse-power Stirling boiler, less freight .....	1,605.71
The John Davis Co., steam line joints .....	14.51
Electric Appliance Co., material for electric line, new medical buildings .....	196.76
W. F. Leinbaugh, material for buildings .....	156.29
N. Ehl, labor on coal bunkers at \$2.00 per day .....	11.78
Sheets & Freyder, two doors for coal bunkers .....	10.00
G. W. Schmidt, brick for setting Stirling boiler .....	72.59
Ditmar & Ayers, lumber for women's gymnasium .....	62.23
C. Hurley, labor in women's gymnasium .....	4.80
J. R. Tobeck, sand and gravel ..	9.00
W. S. Thomas, hardware for doors, coal bunkers .....	1.75
K. Fowler, labor on coal bunkers, \$2.00 per day .....	54.00
Wm. McKay, labor on coal bunkers, \$2.00 per day .....	54.00
Joe Erb, labor on sewer, \$2.00 per day .....	12.00
Joe Huffman, man and team hauling gravel and sand, \$3.50 per day .....	21.00
Wm. Bright, carpenter work connecting to engineering sheds and reconstruction old medical building .....	560.22
Frank Anton, labor on boiler at \$2.00 per day .....	30.00
Iowa City Sand Co., sand and gravel for coal bunkers .....	21.05
Leuz & Co., freight on boiler and hauling, etc .....	178.26
Fox, Hutchinson & Lake Co., lumber .....	13.20

## \* ONE FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904	
August 23, D. S. Welch, assisting superintendent of grounds and buildings, one and one-third months at \$60.00.....	80.00
Jas. Rowson & Son, 10,000 brick for coal bunkers at \$9.25.....	92.50
American Conduit Co., conduit for connection.....	21.60
W. A. Kettlewell, hangers and clamps.....	15.50
Parsons & Stouffer, hardware for women's gymnasium.....	27.86
Dan Leuz, painting engineering sheds.....	90.00
D. Morgan, carpenter work on women's gymnasium, \$3.00 per day.....	168.00
Crane Co., steam pipe and fittings	98.48
C. A. Brown, hauling stone for coal bunkers.....	24.66
J. Betzler, carpenter work, women's gymnasium, at 50 cents an hour.....	85.50
J. T. Ries, tracing cloth.....	2.76
Wm. Russell, man and team, excavating.....	6.40
Sept. 21. Dan Leuz, painting women's gymnasium.....	165.00
Wm. Bright, carpenter work, old medical sheds, at \$2.75 per day	25.78
Frank Patterson, mason work on boiler, at 45 cents an hour....	22.28
W. F. Leinbaugh, cement and lumber.....	91.69
Fox, Hutchinson & Lake Co., lumber and lime.....	40.65
Maresh Bros., steel ceiling, women's gymnasium.....	175.00
G. W. Schmidt, fire brick, pipes, etc.....	264.94
Ira E. Tulloss, manhole covers, coal bunkers.....	103.50
C. Hurley, plumbing, women's gymnasium.....	7.05
Jas. Rowson & Son, brick for coal bunkers, at \$9.25 per thousand	76.81

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904	
Sept. 21, Parsons & Stouffer, hardware....	8.92
Iowa City Sand Co., washed sand	8.40
G. H. Ellsworth, one-half month's salary as superintendent buildings and construction.....	75.00
Wm. Russell, cement floor work, women's gymnasium.....	12.50
H. Bogs, labor, cement floor work, women's gymnasium.....	14.00
Leuz & Co., freight and hauling.	7.88
Joe Erb, labor, cement floor, women's gymnasium, at \$2.00 per day.....	14.00
P. Fowler, labor, cement floor, women's gymnasium, at \$2.00 per day.....	9.11
Albert Gohr, labor, cement floor, women's gymnasium, at \$2.00 per day.....	13.33
George Klema, labor, coal bunkers, at \$2.00 per day.....	8.89
Harry Klema, labor, coal bunkers, at \$2.00 per day.....	8.89
Joe A. Jenks, labor, coal bunkers.	50.00
D. S. Welch, assisting superintendent buildings and construction, one month.....	60.00
E. L. Kauffman, labor, coal bunkers, \$2.00 per day.....	26.00
Frank Anton, labor, coal bunkers, \$2.00 per day.....	9.00
K. Fowler, labor, coal bunkers, \$2.00 per day.....	12.67
Wm. McKay, labor, coal bunkers, \$2.00 per day.....	12.67
J. Trump, labor, coal bunkers, \$2.00 per day.....	24.40
A. Wykoff & Sons Co., steam pipe lines.....	55.75
Quaker City Rubber Co., gaskets..	16.26
Henry Stelling, mason work on coal bunkers, 45c per hour....	27.45
Pat Hogan, cement work, women's gymnasium, \$2.00 per day.....	5.11
J. A. Huffman, man and team hauling sand, \$3.50 per day....	21.00

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904

Sept. 21,	Crane Co., pipe fittings, etc.....	225.48
	Electric Appliance Co., electrical supplies.....	42.95
	J. Betzler, carpenter work, women's gymnasium.....	26.25
Oct. 28.	D. S. Welch, assisting superintendent buildings and construction, 1 month.....	60.00
	Crowley & Son, 130 perches stone at quarry, at 80c.....	104.00
	Jas. Rawson & Son, 12,000 brick for coal bunkers, at \$9.25.....	111.00
	B. Stillwell, painting women's gymnasium.....	45.70
	Parsons & Stouffer, hardware....	7.74
	G. H. Ellsworth, superintendent building and construction, one half salary, one month.....	75.00
	C. Hurley, plumbing, women's gymnasium.....	265.20
	Western Electric Co., electrical supplies, women's gymnasium.....	2.65
	Electric Appliance Co., electrical supplies, women's gymnasium..	86.93
	C. E. Fawcett, wiring in woman's gymnasium.....	1.25
	G. W. Schmidt, steel work in coal bunkers, per contract.....	934.10
	R. Witzke, hauling sand.....	4.88
	L. Wolf, Manufacturing Co., supplies, women's gymnasium..	193.05
	J. W. Osborn, supplies, women's gymnasium.....	28.50
	Leuz & Co., freight and hauling...	25.46
	Jas. Rawson & Son, contract price, coal bunkers.....	850.00
	C. R. I. & P. Railway Co., freight	3.78
	P. Fowler, labor on coal bunkers, \$2.00 per day.....	28.33
	Wm. Klema, labor on coal bunkers, \$2.00 per day.....	5.56
	Joe Kindl, labor on coal bunkers, \$2.00 per day.....	11.11
	Herman Bogs, labor on coal bunkers, \$2.00 per day.....	11.44

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904

Oct. 28,	John Trump, labor on coal bunkers, \$2.00 per day.....	16.00
	John Shrader, labor on women's gymnasium, \$2.00 per day.....	21.33
	Albert Gohr, labor on coal bunkers, \$2.00 per day.....	17.45
	W. F. Leinbaugh, lumber.....	35.50
	George Klema, labor on coal bunkers, \$2.00 per day.....	5.56
	Harry Klema, labor on coal bunkers, \$2.00 per day.....	5.56
	Thos. McLachlan, carpenter work women's gymnasium, \$2.50 per day.....	52.50
	Wm. Russell, labor on coal bunkers, \$2.00 per day.....	16.44
	W. McArthur, labor in women's gymnasium.....	7.25
	Bert Elmore, labor in medical buildings.....	3.40
	J. M. Stevens, labor in medical buildings.....	22.62
	Jas. B. Clow & Sons, steam pipes	60.89
	N. O. Nelson Mfg. Co., 10 shower baths, women's gymnasium...	126.20
	Oakes Brothers, tile.....	.97
	The Vulcan Co., window guards, women's gymnasium.....	47.54
Nov. 18,	Albert Gohr, labor in women's gymnasium.....	10.00
	P. Fowler, labor in women's gymnasium.....	16.00
	Joe Kendall, labor in women's gymnasium.....	5.78
	H. Bogs, labor in women's gymnasium.....	6.00
	Wm. Russell, labor in women's gymnasium.....	10.70
	D. S. Welch, assisting superintendent of buildings and construction, one month.....	60.00
	I. N. Crow, labor in women's gymnasium.....	11.60
	C. Hurley, plumbing in women's gymnasium.....	151.33
	Parsons & Stouffer, hardware....	2.51

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1904.

Nov. 18,	Fox, Hutchinson & Lake Co., lumber.....	5.09
	Dan Leuz, painting women's gymnasium.....	26.16
	G. H. Ellsworth, one half month's salary as superintendent buildings and construction.....	75.00
Dec. 16,	G. H. Ellsworth, one half month's salary as superintendent buildings and construction.....	75.00
	D. S. Welch, assisting superintendent buildings and construction, one month.....	60.00

1905

Jan. 25,	Johnson Service Co., air compressor, L. A. building.....	35.00
	Thos. McLachlan, carpenter work.....	55.00
	J. M. Stevens, labor as electrician.....	15.75
	G. H. Ellsworth, one half month's salary as superintendent buildings and construction.....	75.00
	Timothy Collins, labor, women's gymnasium.....	2.50
	Jas. Russell, labor on liberal arts building.....	9.00
	John Shrader, labor, steam heating apparatus.....	26.67
	Engineering Record, advertising bids, moving science building.....	4.40
	American Contractor, advertising bids, moving science building.....	3.00
	George Bright, carpenter work....	5.00
	C. Hurley, plumbing in three buildings.....	151.93
	D. S. Welch, assisting superintendent building and construction, one month.....	60.00
March 10,	G. H. Ellsworth, one-half month's salary as superintendent of buildings and construction.....	75.00
	D. S. Welch, one month's salary for assisting superintendent building and construction.....	60.00
	W. G. Raymond, expenses, inspecting engineering schools....	164.98

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1905

April 13,	D. S. Welch, salary for assisting superintendent buildings and construction.....	60.00
	G. H. Ellsworth, one-half month's salary as superintendent buildings and construction.....	75.00
	C. Hurley, plumbing in homeopathic hospital.....	96.09
	W. F. Leinbaugh, lumber.....	1.95
	Frank Patterson, plastering University hospital.....	3.50
	W. S. Thomas, hardware, University hospital.....	1.25
	Frank Englert, carpenter work, \$2.50 per day.....	13.75
May 18,	G. H. Ellsworth, superintendent buildings and construction, one-half month's salary.....	75.00
	D. S. Welch, one and one-half months' salary, assisting superintendent buildings and construction.....	95.50
	W. S. Thomas, hardware, old science building.....	17.50
	Parson & Stouffer, hardware....	6.00
	C. Hurley, plumbing, University hospital and homeopathic hospital.....	111.13
	Anthony Carroll, labor, man and team, hauling, old science building.....	59.15
	Crane Co., material.....	24.58
	M. Gerber, repairing roofs on buildings.....	77.31
	Chandler Pump Co., pipe fittings.....	44.54
	John Shrader, labor, old science building.....	33.00
	Mike Ganz, labor, old science building.....	31.11
	R. Witzke, man and team hauling stone, old science building....	52.12
	F. P. Inglert, carpenter work, \$2.50 per day.....	49.16
	J. F. Conner, man and team hauling stone, old science building.....	61.84

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1905

May	18	Pat Burke, cement work, University laundry .....	16.00
		Harry Klema, cement work, University laundry .....	6.67
		P. Fowler, cement work, University laundry .....	6.67
		F. A. Slyfield, cement work, University laundry .....	4.00
		R. Thompson, labor, old science building .....	28.89
		Jas. Mungovan, labor, old science building .....	22.67
		Emil Mocha, labor, old science building .....	20.00
		Laborers on excavation, old science building, at \$2.00 as follows:	
		H. Lovlady .....	16.89
		Frank Kehrie .....	16.89
		P. K. Siepman .....	14.22
		Eli Seydel .....	21.00
		F, F. Smith .....	21.00
		Jas. Vitoush .....	10.50
		Albert Wise .....	10.00
		M. Hutka .....	6.89
		F. Bittner .....	25.12
		F. Chensky .....	26.67
		W. Klema .....	36.00
		Pat Hogan .....	36.00
		Joe Erb .....	34.67
		Jas. Russell .....	21.79
		A. Goettle .....	6.89
		J. Sulmash .....	19.78
		Chas. Murphy .....	31.56
		R. Wiese .....	52.50
		J. Carroll .....	6.00
		F. Russell .....	4.00
		D. Conley .....	27.56
		C. W. Thompson (man and team) .....	64.17
		G. Cronan .....	14.67
		Wm. Russell (man and team) .....	84.89
		Joe Dvorak .....	.89
		Geo. Emmons .....	40.50
		Tom Davis .....	33.84
		H. Bouge .....	26.45
		Tom Glasgow .....	22.67
		Geo. Klema .....	32.89

## ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

## Disbursements—Continued.

1905

May	18,	F. Johnson .....	7.56
		W. F. Leinbaugh, cement for University laundry .....	28.88
		Fox, Hutchinson & Lake Co., lumber .....	46.41
		Cerny & Lewis, blue print paper ..	1.00
		Maresh Bros., steel ceiling University hospital dining room .....	45.75
		J. H. Allen, expenses, inspecting engineering buildings .....	192.85
		G. H. Ellsworth, superintendent buildings and construction, one-half month's salary .....	75.00
June	14	Laborers on excavation, old science building, at \$2.00, as follows ..	41.11
		Robt. Thompson .....	12.00
		Wm. Klema .....	37.11
		Pat Hogan .....	55.21
		R. Witzke .....	45.50
		J. F. Conner ..	34.00
		Mike Ganz .....	8.16
		R. Wiese .....	6.50
		D. Sediveck .....	6.50
		J. Herring .....	48.00
		E. Crowley, stone for old science building .....	65.00
		D. S. Welch, one month's salary assisting superintendent of buildings and construction ..	50.00
		J. Shrader, repairing steam heating systems .....	299.22
June	14,	Jas. Rowson & Son, excavation, old science building .....	4,300.00
		L. P. Friestedt Co., one-third of total contract price for moving science building ..	381.30
		Fox, Hutchinson & Lake Co., cement, foundation, old science building .....	21.15
		C. Hurley, plumbing, old science building .....	274.05
		Oakes Brothers, brick foundation, old science building .....	75.66
		C., R. I. & P. R'y. Co., freight on material, old science building .....	145.74
		Cash on hand, June 30, 1905 .....	
			\$ 127,283.64
			\$ 127,283.64

## NATURAL SCIENCE BUILDING FUND, 1904-1905.

Receipts:	
Cash on hand, July 1, 1904.....	\$ 7,000.00
Transferred from building tax fund .....	30,000.00
Disbursements:	
Jas. Rowson & Son, contractors.....	\$ 33,772.14
Proudfoot & Bird, architects .....	1,200.00
G. H. Ellsworth, one-half of salary for eight months as superintendent buildings and construction .....	600.00
Miscellaneous persons, labor or material.....	5.43
Cash on hand, June 30, 1905.....	1,422.43
	<hr/>
	\$ 37,000.00 \$ 37,000.00

## NEW MEDICAL BUILDINGS FUND, 1904-1905.

1904	
Balance on hand, July 1, 1904....	\$ 7,376.49
Sept. 16, Transferred from building tax fund	15,000.00
Nov. 18, Transferred from building tax fund	1,000.00
Dec. 22, Transferred from building tax fund	5,000.00
Disbursements:	
Jas. Rowson & Son, contractors .....	\$ 15,458.06
Proudfoot & Bird, architects .....	362.00
G. H. Ellsworth, part of salary as superintendent buildings and construction.....	375.00
Johnson Temperature Controlling Co.....	724.50
New York Blower Co.....	3,303.00
L. Wolff Manufacturing Co.....	511.90
Link-Belt Machinery Co .....	144.63
Western Electric Co.....	673.00
Berggren Electric Co .....	545.00
G. W. Schmidt .....	235.00
Martin Gerber.....	319.04
C. Hurley.....	350.47
Winslow Electric and Machine Co.....	1,940.05
Automatic Heating Co.....	800.00
C., R. I. & P. R'y Co, freight.....	501.01
Miscellaneous persons .....	1,324.64
Cash on hand June 30, 1905.....	809.19
	<hr/>
	\$ 28,376.49 \$ 28,376.49

## EQUIPMENT FUND—NEW MEDICAL BUILDINGS, 1904-1905.

Receipts:	
Cash on hand July 1, 1904.....	\$ 9,185.19
Transferred from building tax fund.....	23,500.00
Disbursements:	
Equipment, Department of Histology.....	\$ 1,876.81
Equipment, Department of Materia Medica...	349.00
Equipment, Department of Ophthalmology and Otology.....	1,890.96
Equipment, Department of Pathology .....	2,732.97
Equipment, Department of Physiology.....	2,286.23
Equipment, Department of Theory and Practice .....	612.58
Equipment, Bacteriological Laboratory.....	2,342.35
Equipment, Department of Anatomy .....	438.03
Equipment, Department of Surgery.....	1,055.54
Chicago General Fixture Co., equipment.....	851.85
Slatington-Bangor Slate Syndicate, equipment.	147.26
Bausch & Lomb Optical Co., equipment.....	290.00
C., R. I. & P. R'y Co., freight on equipment.	777.02
J. T. Bailey, equipment.....	55.00
Herrick Refrigerator and Cold Storage Co., equipment.....	65.00
Toledo Desk and Fixture Co., equipment.....	6,611.69
C. A. Yetter, equipment.....	140.00
Geneva Optical Co., equipment.....	75.00
L. Wolff Mfg. Co., equipment.....	235.50
University Press Co., equipment.....	294.10
W. P. Hohenschuh, equipment.....	709.10
C. Hurley, equipment .....	246.42
Grand Rapids School Furniture Works, equipment.....	1,214.71
Western Electric Co., equipment.....	76.71
G. W. Schmidt, equipment.....	74.90
Schneider Brothers, equipment.....	1,199.09
Sheets & Freyder, equipment.....	276.25
Proudfoot & Bird, plans and specifications for equipment.....	360.00
W. J. Welch, equipment.....	187.50
Martin Gerber, equipment.....	87.77
M. Gillet, equipment.....	2,814.82
Miscellaneous persons, for labor and material.	114.62
Cash on hand June 30, 1905 .....	2,196.41
	<hr/>
	\$ 32,685.19 \$ 32,685.19

## GYMNASIUM AND ARMORY FUND—1904-1905.

Receipts:	
Transferred from building tax fund.....	\$ 33,123.71
Disbursements:	
Jas. Rowson & Son, contractors.....	\$ 28,640.12
C., R. I. & P. R'y Co., freight.....	102.52
C. Hurley, plumbing.....	1,019.91
N. O. Nelson Manufacturing Co., material..	143.08
Crane Co., material.....	341.08
Julius Andrae & Sons Co., material.....	494.39
Rundle-Spence Manufacturing Co., material..	928.77
Miscellaneous persons, labor and material....	1,453.84
	<hr/>
	\$ 33,123.71    \$ 33,123.71

## ENGINEERING BUILDING FUND—1904-1905.

Receipts:	
State warrants.....	\$ 12,500.00
Disbursements:	
Proudfoot & Bird, architects.....	\$ 1,000.00
Wm. Grace Co., contractors.....	1,998.00
Improvement Bulletin, advertisement.....	9.80
The Construction News, advertisement.....	11.10
Register and Leader Co., advertisement.....	17.25
H. C. Danielson, labor.....	6.25
Cash on hand June 30, 1905.....	9,457.60
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	\$ 12,500.00    \$ 12,500.00

## TUNNEL AND EXTENSION FUND—1904-1905.

Receipts:	
State warrants.....	\$ 5,000.00
Disbursements:	
W. F. Leinbaugh, lumber and cement.....	\$ 195.45
Electric Appliance Co., material.....	533.09
Scott Valve Co., material.....	769.55
H. W. Johns-Manville Co., material.....	329.90
Chandler Pump Co., material.....	101.98
Iowa Telephone Co., material.....	152.43
C., R. I. & P. R'y Co., freight.....	157.86
The Michigan Pipe Co., material.....	297.06
Miscellaneous persons, labor and material....	2,343.41
Cash on hand June 30, 1905.....	119.27
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	\$ 5,000.00    \$ 5,000.00

## PAVING AND SIDEWALKS FUND—1904-1905.

Receipts:	
State warrants.....	\$ 4,000.00
Disbursements:	
City of Iowa City, curbing and paving Wash- ington street:	
1,367.81 square yards paving at \$1.80.....	\$ 2,462.06
420 lineal feet curbing at 60 cents	252.00
1—18-inch radius curb corner....	3.50
	<hr/>
	\$ 2,717.56
W. F. Leinbaugh, material.....	362.18
Fox, Hutchinson & Lake Co., material.....	50.08
Miscellaneous persons, labor and material— labor paid \$2.00 per day.....	745.23
Cash on hand, June 30, 1905.....	124.95
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	\$ 4,000.00    \$ 4,000.00

## EQUIPMENT AND SUPPLIES FUND—1904-1905.

Receipts:	
State warrants.....	\$ 10,000.00
Disbursements:	
C., R. I. & P. Ry. Co., freight.....	\$ 246.55
Martin Gerber, labor.....	74.67
W. P. Hohenschuh, chairs, electrical laboratory	6.50
Lansing Wheelbarrow Co., truck, University hospital.....	4.80
Iowa City Electric Light Co., lights, women's gymnasium.....	13.93
B. Stillwell, numbering lockers, woman's gymnasium.....	41.65
American Blower Co., ventilating lockers, women's gymnasium.....	60.53
W. P. Hohenschuh, furniture, civil engineering department.....	75.60
Schneider Bros., chairs for Liberal Arts building.....	504.36
Carson, Pirie Scott & Co., household furnish- ings, nurses' home.....	281.80
Narragansett Machine Co., 192 lockers, women's gymnasium.....	435.48
W. P. Hohenschuh, furniture for University hospital and nurses' home.....	261.60
Schneider Bros., beds and mattresses, nurses' home.....	245.25

## Disbursements:

Sheets & Freyder, 3 bookcases, engineering library.....	46.00	
Dove Sisters, rugs and curtains, nurses' home.....	22.35	
Schneider Bros., desk, umbrella rack, womens' gymnasium.....	21.65	
W. J. Welch, basins and cuspidors, University hospital.....	19.14	
W. P. Hohenschuh, furniture, 3d floor, University hospital.....	63.90	
Herrick Refrigerator & Cold Storage Co., refrigerator, University hospital.....	19.80	
W. P. Hohenschuh, 83½ dozen chairs for gymnasium building.....	610.83	
Narragansett Machine Co., apparatus for gymnasium building.....	\$ 1,401.21	
Carson, Pirie Scott & Co., furnishing nurse's home and third floor, University hospital..	349.89	
Miller Lock Co., gun lockers in armory.....	54.00	
C. & W. McClain, base ball cage, gymnasium.	93.00	
Sheets & Freyder, gun lockers, armory, and furniture, University hospital.....	452.18	
Spalding Mfg. Co., apparatus for women's gymnasium.....	359.20	
Kny-Scheerer Co., 16 bedside tables, University hospital.....	100.00	
Schneider Bros., chairs and tables, University hospital.....	65.48	
Nelson & Kreuter Co., laundry machinery for University laundry.....	544.45	
Ed. Rabenau, engine and machinery for University laundry.....	180.94	
F. Tanner, laundry machinery for University laundry.....	75.00	
Troy Laundry Machinery Co., machinery for University laundry.....	245.00	
Spalding Mfg. Co., apparatus for women's gymnasium.....	103.24	
Merritt & Co., 454 steel lockers for gymnasium	1,193.01	
W. P. Hohenschuh, furniture, women's gymnasium, gymnasium and University hospital.....	98.75	
Schneider Bros., furniture, departments of German and military science.....	84.27	
Miscellaneous persons, labor and material....	757.29	
Cash on hand, June 30, 1905.....	786.70	
	<u>\$ 10,000.00</u>	<u>\$ 10,000.00</u>

## REPAIR AND CONTINGENT FUND—1904-1905.

## Receipts:

Overdraft, July 1, 1904.....	\$ 150.12	
August 23, 1904, state warrant.....		\$ 1,562.50
September 30, 1904, state warrant.....		1,875.00
December 16, 1904, state warrant.....		1,875.00
March 20, 1905, state warrant.....		1,875.00
Error in account for 1903-1904, corrected in 1904-1905.....		.10

## Disbursements:

General repairs.....	4,196.29	
Old Capitol building repairs.....	205.44	
Hall of Liberal Arts repairs.....	295.30	
Science building repairs.....	7.68	
Physics building repairs.....	106.58	
Dental building repairs.....	317.05	
Old medical building repairs.....	11.32	
Engineering building repairs.....	58.79	
Chemical laboratory repairs.....	370.26	
University hospital repairs.....	386.92	
Homeopathic hospital repairs.....	166.04	
Power house and tunnel repairs.....	798.87	
Athletic field work.....	267.22	
Overdraft, June 30, 1905.....		150.28
	<u>\$ 7,337.88</u>	<u>\$ 7,337.88</u>

A. WHITNEY CARR FREE SCHOLARSHIP PRINCIPAL FUND  
1904-1905.

Cash on hand July 1, 1904.....		\$ 50,000.00
Cash on hand June 30, 1905.....	\$ 50,000.00	
	<u>\$ 50,000.00</u>	<u>\$ 50,000.00</u>

NOTE—On this fund Mr. Carr is paid 3 per cent annually, and the balance of interest pays for the A. Whitney Carr free scholarships in the College of Liberal Arts.

A. WHITNEY CARR FREE SCHOLARSHIP INTEREST FUND  
1904-1905.

Receipts:		
Cash on hand July 1, 1904.....		\$ 604.58
Interest on principal of \$50,000.....		2,483.71



## Disbursements:

A. Whitney Carr, annuity.....	\$	1,500.00	
Scholarships as follows:			
Thos. Peterman .....		20.00	
John Valerius.....		20.00	
Bertha E. Sparks.....		20.00	
J. C. Landers .....		20.00	
Clara B. Westbrook .....		20.00	
Agnes Mae Crane .....		20.00	
Mary F. Williams.....		20.00	
Clara M. Schultz.....		20.00	
Hazel M. Sweet .....		20.00	
Ella McNeely.....		20.00	
Clara Doll.....		20.00	
Nellie B. Sebern.....		20.00	
Maizie Mortland.....		20.00	
Ray Highland.....		20.00	
H. D. Repass.....		20.00	
C. L. Vestal.....		20.00	
Katherine J. Hodge .....		20.00	
Pearl A. Gordon.....		20.00	
P. E. Ritz.....		20.00	
Eva Weber.....		20.00	
H. S. Kacherian.....		20.00	
Jo Worster.....		20.00	
Andrew Chalmers.....		20.00	
M. B. Call.....		20.00	
Edwinna Bolton.....		20.00	
Wilhelmina Becker.....		20.00	
Florence E. Neyens.....		20.00	
Abigail E. White.....		30.00	
Samuel R. Hartnell.....		30.00	
John Campbell.....		10.00	
Hilda Rudy.....		20.00	
Cash on hand June 30, 1905 .....		958.29	
	\$	3,088.29	\$ 3,088.29

## F. O. LOWDEN ORATORY PRIZE FUND, 1904-1905.

25 shares of 7 per cent preferred stock of the National Biscuit Co. on hand July 1, 1904, and June 30, 1905 .....	2,500.00	2,500.00
	\$ 2,500.00	\$ 2,500.00

## F. O. LOWDEN ORATORY PRIZE INTEREST FUND, 1904-1905.

## Receipts:

Cash on hand July 1, 1904 .....	\$	118.75
Interest—7 per cent dividend on 25 shares of stock of National Biscuit Co., gift of F. O. Lowden .....		175.00

## Disbursements:

Max Loeb, first prize, Northern Oratorical League contest.....	\$	100.00
Theo. Christianson, second prize, Northern Oratorical League contest.....		50.00
Cash on hand, June 30, 1905.....		143.75
	\$	293.75
	\$	293.75

## WILLIAM JENNINGS BRYAN PRIZE FUND, 1904-1905.

Cash on hand July 1, 1904 .....	\$	250.00
Cash on hand June 30, 1905 .....	\$	250.00
	\$	250.00
	\$	250.00

NOTE.—This fund was established by W. J. Bryan, the interest to be used for an annual prize for the best political science essay.

## WILLIAM JENNINGS BRYAN PRIZE INTEREST FUND, 1904-1905.

## Receipts:

Overdraft, July 1, 1904 .....	\$	8.88
Interest on principal.....	\$	12.50

## Disbursements:

F. E. Snedecor, prize .....	10.00
Overdraft, June 30, 1905.....	6.38
	\$ 18.88
	\$ 18.88

STATE OF IOWA, }  
JOHNSON COUNTY, } ss.

I, William J. McChesney, Secretary of the Board of Regents of the State University of Iowa, being duly sworn, on oath say that the foregoing statement of receipts and expenditures during the period set out is correct and true as I verily believe. W. J. McCHESNEY.

Subscribed and sworn to before me by William J. McChesney, Secretary of the Board of Regents of the State University of Iowa, this 28th day of August, 1905.

Witness my hand and notarial seal.

LOUIS W. DUTCHER,  
*Notary Public in and for Johnson County, Iowa.*

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## Report of the Treasurer

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REPORT OF THE TREASURER.

IOWA CITY, September 25, 1905.

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

GENTLEMEN,—I have the honor to submit herewith a statement of income and disbursements of this office for the biennial period commencing June 30, 1903, and ending June 30, 1905.

Included in this statement are the transfer of funds ordered by you.

I also submit herewith a statement of assets of the State University of Iowa on June 30, 1905:

RECEIPTS AND DISBURSEMENTS FROM JUNE 30, 1903, TO JUNE 30, 1905.

Balance June 30, 1903:

Income fund.....	\$ 4,880.79
Building tax fund.....	15,954.98
Medical buildings fund.....	16,923.36
Repairs and contingent fund.....	828.27
Special land fund.....	1,258.04
Donated lands fund.....	802.11
Providential contingent fund.....	8.25
Library fund.....	4,908.86
The A. Whitney Carr free scholarship fund....	759.19
The Frank O. Lowden Northern Oratorical League prize fund.....	93.75
	\$ 46,417.60

RECEIPTS.

From June 30, 1903, to June 30, 1904.

State Appropriations:

Support fund.....	\$ 160,500.00
Building tax fund.....	96,000.00
Repairs and contingent fund.....	5,000.00
Special land fund.....	27,000.00
Equipment new medical building.....	35,000.00
	\$ 323,500.00

## Other receipts:

Interest permanent fund.....	\$ 11,978.30
Interest, The A. Whitney Carr free scholarship fund.....	2,470.39
Tuitions less refunds by order Board of Regents.....	50,862.25
Hospital fees.....	20,049.15
Dental clinic fees.....	6,003.04
Graduation fees, law loan book account and miscellaneous.....	2,352.82
Rents.....	274.09
Rents, donated lands.....	414.85
Rents, special land fund.....	673.53
Interest and endorsed on principal, donated lands fund.....	125.00
Dividends on the Frank O. Lowden Northern Oratorical League prize fund.....	175.00
Interest W. J. Bryan prize fund.....	3.62
Building tax fund from secretary.....	80.64
Medical buildings fund transferred from equipment new medical building fund.....	35,000.00
Medical building fund transferred from building tax fund.....	30,000.00
Equipment new medical building fund transferred from building tax fund.....	10,000.00
Natural science building fund transferred from building tax fund.....	10,000.00
Income fund transferred from library fund....	2,466.64

\$ 182,929.32

## RECEIPTS.

From June 30, 1904, to June 30, 1905.

## State Appropriations:

Support fund.....	\$ 168,624.99
Building tax fund.....	111,500.00
Repairs and contingent.....	7,187.50
Special land fund.....	12,500.00
Equipment and supplies fund.....	10,000.00
Paving and sidewalks fund.....	4,000.00
Engineering building fund.....	12,500.00
Tunnel and extension fund.....	5,000.00
Library fund.....	10,000.00

\$ 341,312.49

## Other receipts.

Interest permanent fund.....	\$12,022.25
Hospital fees.....	23,229.33
Dental clinics fees.....	3,939.99
Tuitions.....	46,507.00
Diploma fees, law loan book account and miscellaneous.....	4,134.27
Rents.....	274.09
Interest on deposits.....	1,410.28
Special land fund from Secretary.....	3,189.64
Interest, The A. Whitney Carr fund.....	2,483.71
Rents, donated land fund.....	228.25
Interest, donated land fund.....	20.00
Principal, donated land fund.....	300.00
The Frank O. Lowden fund from secretary....	175.00
W. J. Bryan fund interest.....	12.50
Income fund transferred from providential contingent fund.....	8.25
Income fund transferred from repairs and contingent fund.....	617.20
Income fund transferred from building tax fund.....	101.50
Income fund transferred from library fund....	10,329.56
Building tax fund transferred from medical buildings fund.....	300.00
Building tax fund over credit of warrants....	.28
Medical building fund transferred from building tax fund.....	21,000.00
Natural science building fund transferred from building tax fund.....	30,000.00
Gymnasium and armory fund transferred from building tax fund.....	33,123.71
Equipment new medical building fund transferred from state tax fund.....	23,500.00

\$216,906.81

## DISBURSEMENTS.

Warrants paid from June 30, 1903, to June 30, 1904:

Building tax fund .....	\$ 44,278.39
Income fund .....	246,623.76
Medical buildings fund .....	70,849.32
Special land fund .....	27,910.21
Equipment new medical building fund .....	814.81
Donated land fund .....	201.50
The A. Whitney Carr free scholarship fund ..	1,875.00
The Frank O. Lowden fund .....	150.00
Library fund .....	2,112.66
Repairs and contingent .....	5,350.10

\$400,165.75

Transfers:

Building state tax transferred to medical buildings fund .....	\$ 30,000.00
Building tax fund transferred to equipment new medical building fund .....	10,000.00
Building tax fund transferred to natural science building fund .....	10,000.00
Tuitions over credited .....	25.50
Equipment new medical building fund transferred to medical buildings fund .....	35,000.00
Library fund transferred to income fund .....	2,466.64

\$ 87,492.14

Warrants paid from June 30, 1904 to June 30, 1905:

Income fund .....	\$ 287,429.44
Repairs and contingent fund .....	7,198.75
Building tax fund .....	21,592.26
Medical buildings fund .....	30,964.85
Special land fund .....	15,771.08
Equipment and supplies fund .....	9,114.03
Paving and sidewalk fund .....	3,870.85
Engineering building fund .....	3,042.40
Tunnel and extension fund .....	4,880.73
The A. Whitney Carr free scholarship fund ..	2,880.00
Natural science building fund .....	38,577.57
Gymnasium and armory fund .....	33,123.71
Equipment new medical building fund .....	30,435.44
Donated land fund .....	37.59
The Frank O. Lowden fund .....	150.00
W. J. Bryan fund .....	22.50

\$489,001.20

Transfers:

Repairs and contingent transferred to income fund .....	617.20
Building tax fund transferred to income fund ..	101.50
Building tax fund transferred to gymnasium and armory fund .....	33,123.71
Building tax fund transferred to natural science building fund .....	30,000.00
Building tax fund transferred to equipment, new medical building fund .....	23,500.00
Building tax fund transferred to medical buildings fund .....	21,000.00
Medical buildings fund transferred to building tax fund .....	300.00
Library fund transferred to income fund .....	10,329.56
Providential contingent fund transferred to income fund .....	8.25

\$ 118,980.22

Balances June 30, 1905:

Building tax fund .....	\$ 330.04
Medical buildings fund .....	809.19
Special land fund .....	1,064.42
Natural science building fund .....	1,422.43
Equipment, new medical building fund .....	2,249.75
Donated lands fund .....	1,651.12
Equipment and supplies fund .....	885.97
Paving and sidewalk fund .....	129.15
Engineering building fund .....	9,457.60
Tunnel and extension fund .....	119.27
The A. Whitney Carr free scholarship fund interest .....	958.29
The Frank O. Lowden fund .....	143.75

19,220.98

Overdrafts:

Repairs and contingent fund .....	\$ 150.28
Income fund .....	3,637.41
W. J. Bryan prize interest fund .....	6.38

\$1,114,860.29

## ASSETS JUNE 30, 1905.

## PERMANENT FUND,

Cash on hand .....	\$ 1,175.36
Mortgage notes .....	233,945.00

Total working capital .....

\$ 235,120.36

## THE STATE UNIVERSITY.

## THE A. WHITNEY CARR FREE SCHOLARSHIP FUND.

Cash on hand.....	\$	100.00
Mortgage notes.....		49,900.00
		49,900.00
Total working capital.....	\$	50,000.00

## THE FRANK O. LOWDEN NORTHERN ORATORICAL LEAGUE PRIZE FUND.

Preferred stock National Biscuit Co., 25 shares..	\$	2,500.00
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## THE WM. J. BRYAN PRIZE FUND.

Part of mortgage note.....	\$	250.00
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## DONATED LANDS FUND.

Balance mortgage note.....	\$	100.00
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The books of this office show the number of acres of land unsold June 30, 1905, to be 2,738.03.

Respectfully submitted,

LOVELL SWISHER,  
*Treasurer.*

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## Report of Registrar

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REPORT OF REGISTRAR.

IOWA CITY, June 28, 1905.

*To the President and the Board of Regents:*

I have the honor to submit to you the following report for the biennium, ending July 1, 1905:

SUMMARY OF REGISTRATION—1903-1904.

THE SUMMER SESSION, 1903.

	Men.	Women.	Total.
Graduate College .....	29	49	78
College of Liberal Arts.....	47	56	103
Library Training School .....	..	32	32
College of Medicine—Nurses' Training School.....	..	1	1
College of Pharmacy .....	..	1	1
Total .....	76	139	215

THE GRADUATE COLLEGE.

Candidates for the degree of Ph. D.....	22	3	25
Candidates for the degree of M. A.....	34	19	53
Candidates for the degree of M. S.....	31	7	38
Candidates for the degree of C. E.....	2	..	2
Students not candidates for degrees.....	11	57	68
Total.....	100	86	186

## THE COLLEGE OF LIBERAL ARTS.

## Fourth Year:

	Men.	Women.	Total.
Classical .....	4	8	12
Philosophical A .....	4	10	14
Philosophical B .....	16	10	26
Philosophical .....	9	7	16
Scientific .....	23	3	26
Civil Engineering .....	13	..	13
Electrical Engineering .....	1	..	1
Total .....	70	38	108

## Third year:

Classical .....	12	13	25
Philosophical A .....	6	10	16
Philosophical B .....	13	12	25
Philosophical .....	7	11	18
Scientific .....	13	8	21
Civil Engineering .....	18	0	18
Total .....	69	54	123

## Second year:

Classical .....	5	5	10
Philosophical A .....	0	2	2
Philosophical B .....	5	7	12
Philosophical .....	30	37	67
Scientific .....	17	5	22
Civil Engineering .....	19	0	19
Electrical Engineering .....	4	0	4
Mining Engineering .....	2	0	2
Total .....	82	56	138

## First year:

Classical .....	8	6	14
Philosophical A .....	1	0	1
Philosophical .....	28	26	54
Scientific .....	31	11	42
Civil Engineering .....	12	0	12
Electrical Engineering .....	8	0	8
Mining Engineering .....	1	0	1
Total .....	89	43	132

Total in four college classes .....	310	191	501
Unclassified students .....	39	75	114
Professional students taking elective work .....	54	3	57
Total in the College of Liberal Arts .....	403	269	672
Library Training School* .....	0	32	32

\*The remainder of the summer session has been already included under the Graduate College and the College of Liberal Arts.

## THE COLLEGE OF LAW.

	Men.	Women.	Total.
Third year .....	52	0	52
Second year .....	51	0	51
First year .....	60	0	60
Unclassified .....	1	0	1
Combined course .....	12	0	12
Students in the College of Liberal Arts taking elective work .....	7	0	7
Total .....	183	0	183

## THE COLLEGE OF MEDICINE.

Fourth year .....	45	5	50
Third year .....	61	3	64
Second year .....	59	3	62
First year .....	53	5	58
Unclassified .....	7	0	7
Combined course .....	7	1	8
Nurses' Training School .....	0	15	15
Total .....	232	32	264

## THE COLLEGE OF HOMEOPATHIC MEDICINE.

Fourth year .....	10	0	10
Third year .....	9	0	9
Second year .....	8	0	8
First year .....	6	0	6
Unclassified .....	1	0	1
Nurses' Training School .....	0	12	12
Total .....	34	12	46

## THE COLLEGE OF DENTISTRY.

Third year .....	48	1	49
Second year .....	31	0	31
First year .....	25	0	25
Unclassified .....	2	0	2
Combined course .....	1	0	1
Total .....	107	1	108



## THE COLLEGE OF PHARMACY.

Graduate .....	1	0	1
Second year.....	12	3	15
First year.....	10	0	10
Unclassified .....	3	0	3
Students taking pharmacy as elective work.....	1	0	1
<b>Total.....</b>	<b>27</b>	<b>3</b>	<b>30</b>
Total including duplicates.....	1,086	435	1,521
Duplicates .....	117	11	128
<b>Total excluding duplicates .....</b>	<b>969</b>	<b>424</b>	<b>1,393</b>

## SUMMARY OF REGISTRATION—1904—1905.

## THE SUMMER SESSION, 1904.

	Men.	Women.	Total.
Graduate College.....	34	36	70
College of Liberal Arts.....	49	80	129
College of Medicine.....	1	1	1
Library Training School.....	26	26	26
<b>Total.....</b>	<b>83</b>	<b>143</b>	<b>226</b>

## THE GRADUATE COLLEGE.

Candidates for the degree of Ph. D.....	20	2	22
Candidates for the degree of M. A.....	27	20	47
Candidates for the degree of M. S.....	20	4	24
Candidates for the degree of C. E.....	1	1	1
Students not candidates for degrees.....	9	15	24
<b>Total.....</b>	<b>77</b>	<b>41</b>	<b>118</b>

## THE COLLEGE OF LIBERAL ARTS.

Fourth Year:			
Classical.....	11	13	24
Philosophical.....	24	37	61
Scientific.....	12	5	17
Civil Engineering.....	13	..	13
<b>Total.....</b>	<b>60</b>	<b>55</b>	<b>115</b>

## Third Year:

	Men.	Women.	Total.
Classical.....	8	9	17
Philosophical.....	23	40	63
Scientific.....	17	4	21
Civil Engineering.....	14	..	14
Electrical Engineering.....	6	..	6
Mining Engineering.....	1	..	1
<b>Total.....</b>	<b>69</b>	<b>53</b>	<b>122</b>

## Second year:

Classical.....	9	8	17
Philosophical.....	30	38	68
Scientific.....	21	7	28
Civil Engineering.....	11	..	11
Electrical Engineering.....	7	..	7
Mining Engineering.....	1	..	1
Mechanical Engineering.....	1	..	1
<b>Total.....</b>	<b>80</b>	<b>53</b>	<b>133</b>

## First year:

Classical.....	7	11	18
Philosophical.....	33	57	90
Scientific.....	31	4	35
Civil Engineering.....	21	..	21
Electrical Engineering.....	13	..	13
Mining Engineering.....	2	..	2
Mechanical Engineering.....	5	..	5
<b>Total.....</b>	<b>112</b>	<b>72</b>	<b>184</b>
Special students.....	17	7	24
Unclassified students.....	59	46	105
Professional students taking elective work.....	67	1	68
<b>Total in the college of Liberal Arts.....</b>	<b>464</b>	<b>287</b>	<b>751</b>

## THE COLLEGE OF LAW.

Third year.....	53	..	53
Second year.....	55	..	55
First year.....	69	..	69
Unclassified.....	5	..	5
Combined course.....	9	1	10
<b>Total.....</b>	<b>191</b>	<b>1</b>	<b>192</b>

## THE COLLEGE OF MEDICINE.

	Men.	Women.	Total.
Graduate students.....	2	2	2
Fourth year.....	29	26	55
Third year.....	15	38	53
Second year.....	56	17	63
First year.....	15	15	15
Unclassified.....	18	18	18
Nurses' Training School.....			
Total.....	249	28	277

	Men.	Women.	Total.
Graduate students.....	2	2	2
Fourth year.....	9	9	9
Third year.....	8	8	8
Second year.....	5	5	5
First year.....	16	16	16
Nurses' Training School.....	12	12	12
Total.....	40	12	52

	Men.	Women.	Total.
Graduate students.....	1	1	1
Third year.....	24	25	25
Second year.....	22	22	22
First year.....	55	55	55
Unclassified.....	3	3	3
Dental Assistant's Course.....	1	1	1
Total.....	105	107	107

	Men.	Women.	Total.
Graduate students.....	1	1	1
Second year.....	7	1	8
First year.....	18	1	19
Unclassified.....	9	1	10
Total.....	34	38	38
Total including duplicates.....	1,243	1,761	1,904
Duplicates.....	152	191	243
Total excluding duplicates.....	1,091	1,569	1,660

## DEGREES CONFERRED.

1903-1904

	Men.	Women.	Total.
Master of Arts.....	12	10	22
Master of Science.....	7	5	12
Bachelor of Arts.....	5	9	14
Bachelor of Philosophy.....	25	22	47
Bachelor of Science.....	15	3	18
Bachelor of Science in Civil Engineering.....	13	0	13
Bachelor of Didactics.....	1	5	6
Bachelor of Laws.....	52	0	52
Doctor of Medicine.....	53	5	58
Doctor of Dental Surgery.....	46	0	46
Graduate in Pharmacy.....	12	3	15
Civil Engineer.....	1	0	1
Total.....	242	62	302

1904-1905.

	Men.	Women.	Total.
Doctor of Philosophy.....	2	0	2
Master of Arts.....	10	6	16
Master of Science.....	5	1	6
Bachelor of Arts.....	10	12	22
Bachelor of Philosophy.....	22	35	57
Bachelor of Science.....	12	5	17
Bachelor of Science in Civil Engineering.....	11	1	12
Bachelor of Didactics.....	0	4	4
Bachelor of Laws.....	53	0	53
Doctor of Medicine.....	69	3	72
Doctor of Dental Surgery.....	18	0	18
Graduate in Pharmacy.....	7	1	8
Civil Engineer.....	1	0	1
Total.....	220	67	287

## STATISTICS FOR THE BIENNIUM 1903-04 AND 1904-05.

## RESIDENCE.

California.....	2
Canada.....	4
Connecticut.....	1
District of Columbia.....	2
Georgia.....	1
Illinois.....	44
Indiana.....	1
Iowa.....	1,978
Japan.....	3
Kansas.....	7
Massachusetts.....	3
Mexico.....	1
Michigan.....	2
Minnesota.....	11
Missouri.....	5
Montana.....	5
Nebraska.....	11
New Jersey.....	1
New Hampshire.....	1
New Mexico.....	1
New York.....	6
North Dakota.....	4
Ohio.....	3
Oklahoma.....	2
Oregon.....	2
Pennsylvania.....	3
South Dakota.....	16
Texas.....	2
Utah.....	2
Washington.....	4
West Virginia.....	2
Wisconsin.....	7
Statistics not given.....	1
Total.....	2,138

## COUNTIES IN IOWA.

Adair.....	10	Franklin.....	9	Montgomery.....	9
Adams.....	4	Fremont.....	7	Muscataine.....	54
Allamakee.....	9	Greene.....	7	O'Brien.....	21
Appanoose.....	5	Grundy.....	19	Osceola.....	2
Audubon.....	5	Guthrie.....	15	Page.....	3
Benton.....	21	Hamilton.....	10	Palo Alto.....	12
Black Hawk.....	50	Hancock.....	4	Plymouth.....	15
Boone.....	10	Hardin.....	35	Pocahontas.....	9
Bremer.....	5	Harrison.....	16	Polk.....	44
Buchanan.....	13	Henry.....	20	Pottawattamie.....	29
Buena Vista.....	5	Howard.....	10	Poweshiek.....	15
Butler.....	23	Humboldt.....	14	Ringgold.....	2
Calhoun.....	16	Ida.....	17	Sac.....	6
Carroll.....	13	Iowa.....	42	Scott.....	41
Cass.....	21	Jackson.....	21	Shelby.....	31
Cedar.....	40	Jasper.....	13	Sioux.....	22
Cerro Gordo.....	12	Jefferson.....	9	Story.....	12
Cherokee.....	19	Johnson.....	423	Tama.....	26
Chickasaw.....	17	Jones.....	19	Taylor.....	5
Clarke.....	1	Keokuk.....	19	Union.....	6
Clay.....	2	Kossuth.....	12	Van Buren.....	9
Clayton.....	17	Lee.....	11	Wapello.....	12
Clinton.....	23	Linn.....	64	Warren.....	11
Crawford.....	21	Lucas.....	5	Washington.....	24
Dallas.....	17	Louisa.....	14	Wayne.....	25
Davis.....	4	Lyon.....	17	Webster.....	24
Decatur.....	15	Madison.....	8	Winnebago.....	7
Delaware.....	16	Mahaska.....	19	Winneshieck.....	8
Des Moines.....	38	Marion.....	5	Woodbury.....	33
Dickinson.....	3	Marshall.....	19	Worth.....	6
Dubuque.....	14	Mills.....	5	Wright.....	15
Emmet.....	9	Mitchell.....	9		
Fayette.....	25	Monona.....	8	Total.....	1,978
Floyd.....	8	Monroe.....	5		



## OCCUPATIONS OF PARENTS.

Abstractors.....	1	Grain dealers.....	22	Plumbers.....	6
Accountants.....	6	Grocers.....	26	Postmasters.....	7
Agents.....	3	Guides.....	1	Poultrymen.....	2
Architects.....	4	Gunsmiths.....	1	Printers.....	3
Artists.....	2	Hardware dealers... 17	Professors.....	12	
Auctioneers.....	2	Harness makers.....	12	Quarrymen.....	1
Bakers.....	2	Hotel proprietors... 8	Publishers.....	5	
Bankers.....	35	Implement dealers... 6	Railroad employes... 38		
Barbers.....	3	Insurance men.....	30	Ranchmen.....	6
Bartenders.....	1	Janitors.....	3	Real estate men... 47	
Blacksmiths.....	16	Jewelers.....	7	Restaurant keepers.. 2	
Bookbinders.....	1	Journalists.....	4	River captains.....	2
Bookkeepers.....	8	Judges.....	2	Saddlers.....	1
Brickmakers.....	1	Laborers.....	12	Secretary Y. M. C. A. 1	
Brokers.....	5	Land agents.....	2	Shipowners.....	1
Broommakers.....	1	Lawyers.....	102	Shoemakers.....	3
Butchers.....	2	Lecturers.....	1	Silver platers.....	1
Cabinetmakers.... 4		Liquor dealers.....	2	Stock dealers.....	39
Capitalists.....	1	Liverymen.....	6	Surveyors.....	1
Carpenters.....	45	Lumber dealers.....	31	Supt. Anti-Saloon	
Cashiers.....	7	Mail clerks.....	1	League.....	1
City, county and State officers..... 38		Managers of business concerns... 12		Supt. of schools.... 5	
Clerks and salesmen.. 11		Manufacturers.....	17	Supt. Industrial school.....	1
Clothiers.....	3	Marble workers.....	3	Tailors.....	10
Coal dealers.....	4	Masons.....	9	Teachers.....	23
Coopers.....	2	Mechanics.....	15	Teamsters.....	2
Commercial travelers 35		Merchants.....	159	Telephone operators. 1	
Contractors.....	23	Millers.....	12	Tobacco buyers..... 1	
Dairymen.....	2	Miners.....	4	Undertakers.....	2
Dentists.....	8	Ministers.....	58	U. S. inspector of steamships..... 1	
Draymen.....	2	Missionaries.....	1	U. S. Consul.....	1
Druggists.....	23	Musicians.....	1	Veterinary surgeons. 2	
Editors.....	12	Naval officers.....	1	Wagonmakers.....	3
Engineers.....	6	Nurses.....	1	Well diggers.....	1
Expressmen.....	1	Nurserymen.....	1	Statistics not given.. 92	
Farmers.....	783	Opticians.....	1		
Fruit raisers.....	3	Painters.....	8		
Foremen.....	2	Photographers.....	4		
Gardners.....	5	Physicians.....	93		
Government employes..... 3		Piano tuners.....	1		
		Pilots.....	1		
				Total.....	2,138

## PREPARATIONS.

Colleges and Universities in Iowa—		Not graduates.....	37
Graduates.....	257	Grade and District Schools—	
Not graduates.....	180	In Iowa.....	11
Colleges and Universities in other States—		In other States.....	1
Graduates.....	45	Normals in Iowa—	
Not graduates.....	68	Graduates.....	94
Accredited Schools—		Not graduates.....	58
Graduates.....	795	Normals in other States—	
Not graduates.....	142	Graduates.....	13
Other Schools and Academies in Iowa—		Not graduates.....	8
Graduates.....	216	Business Colleges.....	41
Not graduates.....	79	Professional Schools.....	9
Other Schools and Academies in other States—		Military Schools.....	6
Graduates.....	58	Foreign Schools.....	8
		Private instruction.....	4
		Statistics not given.....	8
		Total.....	2,138

## RELIGIOUS STATISTICS.

COLLEGES.	Church Members.	Church Preference.	No Church Preference.	Statistics Not Given.	Total.
<i>Men—</i>					
Liberal Arts.....	309	223	35	11	578
Graduate.....	64	17	6	4	91
Law.....	107	92	24	3	226
Medicine.....	166	99	14	9	288
Homeopathic Medicine..... 26		21	6	1	54
Dentistry.....	89	76	4	2	171
Pharmacy.....	22	24	5	2	53
Total.....	783	552	94	32	1,461
<i>Women—</i>					
Liberal Arts.....	386	110	7	5	508
Graduate.....	86	16	1	1	103
Medicine.....	14	2	1	0	17
Dentistry.....	2	0	0	0	2
Pharmacy.....	6	2	0	0	8
Nurses' Training Schools... 28		10	0	1	39
Total.....	522	140	9	6	677
Grand total.....	1,305	692	103	38	2,138

## RELIGIOUS DENOMINATIONS.

DENOMINATIONS.	Church Members.	Church Preference.	Total.
Amana Society.....	1	.....	1
Apostolic.....	1	.....	1
Baptist.....	84	51	135
Baptist (Free).....	2	.....	2
Baptist (German).....	1	.....	1
Baptist (St. John).....	1	.....	1
Brethren (Plymouth).....	2	.....	2
Brethren (Progressive).....	1	.....	1
Brethren (United).....	14	2	16
Catholic.....	185	14	199
Christian.....	72	48	120
Christian (Reformed).....	2	1	3
Christadelphian.....	2	.....	2
Christian Science.....	2	4	6
Church of England.....	1	.....	1
Church of God.....	3	.....	3
Congregational.....	169	142	311
Congregational (Welch).....	1	.....	1
Episcopal.....	69	37	106
Episcopal (Reformed).....	1	.....	1
Evangelical (German).....	2	.....	2
Evangelical (St. Johns).....	1	.....	1
Evangelical (United).....	6	.....	6
Friends.....	14	3	17
Jewish.....	1	.....	1
Latter Day Saints.....	9	1	10
Lutheran.....	40	7	47
Lutheran (English).....	14	3	17
Lutheran (Norwegian).....	6	.....	6
Lutheran (Swedish).....	4	.....	4
Lutheran (German).....	20	2	22
Menonite.....	2	.....	2
Methodist.....	327	211	538
Mormon.....	1	.....	1
Presbyterian.....	203	123	326
Presbyterian (Cumberland).....	2	.....	2
Presbyterian (United).....	18	.....	18
Reformed.....	10	9	19
Seventh Day Advent.....	2	1	3
Unitarian.....	7	28	36
Universalist.....	1	4	5
Any Protestant Church.....	.....	.....	91
No preference whatever.....	.....	.....	12
Statistics not given.....	.....	.....	38
Total.....	.....	.....	2,138

Respectfully,

H. C. DORCAS.

## TWENTY-FIRST BIENNIAL REPORT

OF THE

Iowa State College of Agriculture  
and Mechanic Arts

MADE TO

## THE GOVERNOR OF IOWA

For the Biennial Period

July 1, 1903 to June 30, 1905

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1906