

FIFTEENTH
BIENNIAL REPORT

[NUMBER 26 IN THE SERIES]

of

THE BOARD OF REGENTS

of

The University of Minnesota

FOR THE FISCAL YEARS ENDING
JULY 31, 1907, 1908.

1908
SYNDICATE PRINTING CO.,
MINNEAPOLIS MINN.

To His Excellency John A. Johnson, Governor of Minnesota.

SIR: On behalf of the Board of Regents of the University of Minnesota, and pursuant to law, I have the honor to herewith submit the fifteenth biennial report of the Board for the period ending July 31st, 1908.

Respectfully,

JOHN LIND, President.

FIFTEENTH BIENNIAL REPORT.

FINANCES.

The balance on hand to the credit of the general university fund, August 1st, 1906, was \$72,180.23. The total receipts for the fiscal year ending July 31st, 1907, were \$540,154.57, making the total amount available for that year, \$612,334.80. The expenses for the year were \$537,771.54, leaving a balance of \$74,563.26, indicating that the expenses were \$2,383.03 less than the income for the year.

The balance on hand August 1st, 1907, was \$74,563.26, the total income for the year was \$670,556.76, making a total of \$745,120.02, available for the year. The expenses for the year were \$686,588.14, leaving a balance, August 1st, 1908, of \$58,531.88.

This indicates on its face that the expenses exceeded the income by only \$16,031.38 in the fiscal year ending July 31st, 1908, but an analysis of the items of the balance (as shown in the tabulated statement) shows that the receipts for that year were swelled by the apportionment to the University of an extraordinary distribution of interest from the State Institutions Fund amounting to \$16,542.92. Deducting this sum from the gross receipts the ordinary income for that year was \$654,014.84. The expenses of the year exceeded that sum by \$32,573.30.

The large increase in attendance the present year, the necessary increase in expenses incident to this fact and to the general growth and development of the institution makes it inevitable that the excess of the absolutely unavoidable expenses of the year will exceed the income by at least \$26,257.08, as shown by the estimate which follows:

ESTIMATED RECEIPTS AND CURRENT EXPENSE EXPENDITURES FOR THE FISCAL YEAR ENDING JULY 31, 1909.

RECEIPTS:

From grants made by the United States government, etc., approved March 2, 1861 and July 2, 1868, being the interest on bonds of various states in which the resulting funds are invested	\$57,000.00	
Interest in bank deposits.....	800.00	
United States treasurer, Morrill bill.....	15,000.00	
United States treasurer, Nelson bill.....	10,000.00	
From State Appropriations:		
Direct appropriation	165,000.00	
23-100 mill revenue tax.....	235,000.00	
State institutions fund interest.....	16,542.92	
From the University:		
Fees	159,000.00	
Dental infirmary receipts.....	15,000.00	
Miscellaneous receipts, university.....	1,500.00	
Agricultural school and station receipts.....	23,000.00	
Total receipts		\$707,842.92

EXPENDITURES:

Estimated payroll for 1908-09.....	\$570,100.00	
Estimated bills for supplies.....	126,000.00	
Bills for fuel.....	38,000.00	
Total estimated expenditures.....		\$734,100.00
Estimated excess of expenditures over receipts....		\$26,257.08

To cover the probable excess of expense over income for the current year, as indicated above, there is available the balance on hand August 1st, 1908, amounting as shown to \$58,531.88, but this balance contains two items received from the federal government amounting to \$35,000.00 (\$25,000 under the Morrill bill and \$10,000 under the Nelson bill) which, by reason of the fact that the year of the federal government ends one month earlier than that of the State, were paid to the University before the end of the last fiscal year, and have been, for the purposes of book-keeping, carried as part of the receipts for that year, but as a matter of law those appropriations are only available for the current year and they are included in the estimated receipts for this year, so that the apparent balance of \$58,531.88 should be reduced by \$35,000, leaving \$23,531.88 as the real balance on hand August 1st, 1908, available for the current year.

It will thus be observed that the Board of Regents entered upon the work of the current year with an income for the maintenance of the institution much below its indispensable requirements and

with a deficit at the end of the year threatened. While the writer of this report was not a member of the Board during the time in which the expenditures of the last fiscal year were principally incurred, careful investigation convinces him that the like painstaking economy was exercised by the Board as then constituted as is the endeavor of the present Board.

Our State is growing in population, wealth and development with leaps and bounds. The attendance of our institutions of learning and the demands for additional facilities are increasing in like manner. Estimates of increase in these respects are barely made before they require revision and larger figures. To guide the efficient and symmetrical development of the institution under such conditions is in itself a great task. It cannot be accomplished without adequate means. New buildings and other instrumentalities are demanded from time to time, but the money appropriated for those purposes is little better than wasted unless the funds available for maintenance and general expenses are sufficient to secure and maintain harmonious development and complete co-ordination of the several colleges and departments and the highest attainable efficiency in all.

The pressure on the Board of Regents, both from within and without the institution, to enter new fields of activity is constant and at times almost irresistible. Under that influence the institution has attained its present vast dimensions, both in the scope of its work and in attendance. No backward step will be tolerated but unless the legislature in its wisdom otherwise directs it is not the plan of the Board to enter upon any new work, at present, except such as may be necessarily incident to the efficiency of that already undertaken. But notwithstanding this attitude of the Board it is impelled to urge the absolute necessity of an increase in the annual appropriation for current expense. The Board earnestly recommends that the legislature devote $\frac{1}{2}$ mill to this purpose, instead of 23.100 of a mill supplemented by special annual appropriations as is now the practice. A certain income, from year to year, fixed in advance and governed in amount by the growth of the State, and the consequent requirements of the University, would enable the Board to adopt and follow a more settled policy in the administration of the affairs of the institution and would be conducive to economy. Intermittent and irregular appropriations for permanent objects always result in loss and more or less waste. Inadequate funds for maintenance means inefficient work. The State having assumed the responsibility for furnishing our future citizens higher education they should not be permitted to waste their time.

A matter of \$50,000 to \$75,000 per annum cannot in justice or with safety to the State, be allowed to outweigh the present and future vital interests of an army over four thousand of young men and women.

The following table showing the attendance in each year from 1868, to the present time best illustrates the growing needs of the institution:

1868.....	83	1882.....	253	1896.....	2,467
1869.....	146	1883.....	222	1897.....	2,647
1870.....	212	1884.....	289	1898.....	2,890
1871.....	225	1885.....	310	1899.....	2,925
1872.....	265	1886.....	406	1900.....	3,236
1873.....	278	1887.....	412	1901.....	3,413
1874.....	287	1888.....	491	1902.....	3,656
1875.....	237	1889.....	781	1903.....	3,788
1876.....	267	1890.....	1,002	1904.....	3,845
1877.....	304	1891.....	1,183	1905.....	3,790
1878.....	371	1892.....	1,374	1906.....	3,955
1879.....	386	1893.....	1,620	1907.....	4,145
1880.....	308	1894.....	1,828	1908.....	4,421
1881.....	271	1895.....	2,171	1909.....	4,671

ESTIMATES FOR NEW BUILDINGS AND FOR ANNUAL APPROPRIATIONS FOR THE ENSUING BIENNIAL PERIOD.

The Board of Regents feels that the estimates herewith submitted for new buildings may seem high, but they beg leave in that connection to express their judgment that the time has come for requiring all new construction to be made not only fire-proof, but time-proof as far as possible. Every structure hereafter erected should be permanent in every sense of the word. To meet these requirements the initial expenditure will of necessity be somewhat larger than would be required for construction to afford more temporary facilities. The estimates submitted are designed to cover the expense of adequate construction, both with regard to fire-proof and permanency. Estimates are submitted only for necessary buildings. Of these the necessity for some is *imperative*. The required buildings and estimates are given in the order of urgency.

The existing heating plant is not only utterly inadequate to supply the buildings already provided for, and in process of construction, but it is very wasteful. The fuel bill is necessarily large for an institution of the size and extent of the University, but it is the judgment of the Board, based on the best available expert information, that the coal bill, based on present demands for heating, could be reduced by 25 per cent by an up-to-date plant and modern appliances. Large sums are paid out annually for light and electric

energy which ought, on grounds of economy, if for no other reason, be generated in the plant. Careful investigation leads us to believe that an adequate plant for heating, light and power cannot be erected and equipped for less than \$150,000. This amount would not be sufficient except for the fact that much, if not all, of the present equipment can be utilized in the new plant. Hence we recommend an appropriation of \$150,000 for the erection and equipment of an adequate plant for heating, lighting and power purposes.

Some months ago the interior of the Anatomy building and contents were wholly destroyed by fire. The loss was well covered by insurance and will be reported upon by the Board of Control. The Anatomy building was wholly inadequate for the purposes for which it was constructed, and the walls are in such condition that the Board does not deem it advisable to attempt its repair for the same use. Whether it can be profitably repaired for any purpose can probably not be determined until in the spring. A new structure for Anatomy has accordingly become an imperative necessity and we recommend an appropriation of \$200,000 for an anatomy building which will also provide quarters for the departments now housed in the medical laboratory building, which will then be assigned to the use of the College of Dentistry. \$40,000 should be spent upon that building to re-arrange it and make it adequate to the needs of the College of Dentistry.

The College of Pharmacy has suffered greatly for years from being inadequately housed and from lack of proper facilities. To erect a new building for that college at the present time does not seem advisable to the Board of Regents, especially as the grouping of the different colleges and buildings on the new campus has not been sufficiently studied. The location of the new Elliott hospital and the Anatomy building has been practically determined on, as well as the future location of the other buildings pertaining to the Medical group. It seems therefore more economical and better policy for the Board of Regents to recommend the construction of another building for the Medical college in place of the structure known as Millard hall at a cost of \$200,000. The present Millard hall, with some changes, deemed entirely feasible, can be made to adequately accommodate the College of Pharmacy, and the re-arrangement of the use of the several buildings referred to would also afford more ample facilities for the College of Dentistry.

For the reasons already indicated it is also deemed absolutely necessary by the Board that the donation for the Elliott Memorial

hospital (Ch. 80 Laws of 1907) be supplemented by an appropriation of \$40,000 to aid in its erection and equipment.

Equally imperative with the need of the buildings already recommended is the necessity for a woman's dormitory. \$100,000 would be sufficient for that purpose.

In regard to the College of Education the Board submits the following statement and recommendations:

By chapter 120, General Laws of 1905, the Board of Regents of the University were required to "organize and establish in the University of Minnesota as soon as practicable a teachers' college or department of pedagogy, for the purpose of affording proper professional training for those persons who intend to become public and high school instructors, principals and superintendents of schools." Prior to this enactment the Board of Regents had established a department of pedagogy as part of the college of Science, Literature and the Arts, which fact must have been known to the legislature at the time of the passage of the Act referred to. Hence the Board assumed that the legislature required the work already undertaken to be extended, and with that end in view the Board of Regents on December 12, 1905, voted to establish a college of education, and selected Professor George F. James as dean.

A course of study was prepared and promulgated with the sanction of the board which involved the establishment and maintenance of various classes in a model school, and additional teachers have been employed for conducting those classes. Such model school has been efficiently conducted during the past two years, but under conditions which do not afford the facilities that the work demands. The board has been without room and without funds to make better or more adequate provisions for the work.

The majority of the board also seriously question the wisdom of conducting a model school in connection with the work done in the university, believing that provision for that part of the work as incidental to the training of teachers might better be made in the normal schools. It is proper to say, however, that this view is not shared by the faculty of the college, nor by the professional teachers of the state or the heads of the normal schools. All these bodies insist most urgently that pedagogical work along the lines specified by the legislature cannot be efficiently or properly done without the aid of an adequate model school; assuming that the legislature will be governed by the views of the profession in this matter, we have no hesitancy in expressing our deliberate judgment that if it is the aim of the legislature to maintain an efficient college

of education along lines demanded by the teaching profession of the state, it is absolutely necessary that the legislature appropriate not less than \$150,000 for a new building for that purpose and to provide not less than \$25,000 annually for its maintenance. If, however, the legislature should see fit to grant the recommendation of the board and allow one-half mill for maintenance of the entire institution, no annual appropriation will be required for maintenance.

The departments of Animal Biology and Botany, at present housed in Pillsbury Hall, are greatly hampered in their work for want of room and the quarters are illy suited for the work. A new building for those departments is necessary, but its construction cannot be wisely undertaken at an expense of less than \$300,000. If that sum cannot be appropriated to be available in the present biennial period it had better be deferred until the next session.

Many of the existing buildings have been in use for a long time and require considerable expenditure for repair and maintenance. It is deemed better economy for the legislature to make a substantial increase in the appropriation for general repairs than to make appropriations for specific buildings. The increase in other appropriations where such increase is recommended, is made necessary by the growth and general increase in the work of the institution. The appropriations for the library have been so inadequate in the past that the board was compelled to take upward of \$6,000 last year from the meagre fund for maintenance to increase the library facilities. The board recommends the following annual appropriations for the State University:

A.

1. For current expense, one-half mill.
2. For the law library, \$5,000.
3. For the general library, \$20,000.
4. For periodicals and binding, \$3,500.
5. For care of campus, \$3,000.
6. For general repairs, \$25,000.
7. For cataloging labrary, \$2,500.
8. For maintenance of Elliott hospital, \$50,000.

B. For Agricultural School at St. Anthony Park.

1. For soil inspection, \$1,000.
2. For purchase of live stock, \$4,500.
3. Investigation of horticultural crops, \$1,000.
4. For paying expenses of necessary assistance, apparatus, etc., state entomologist in the investiagtion of injurious insects, \$2,000.
5. Care of campus, \$1,000.
6. Breeding field crops, \$5,000.
7. Support of forestry school, \$4,000.
8. Library fund, \$3,500.

9. Study of drainage problems, \$1,000.
10. Study of plant diseases, \$400.
11. Also the following specific appropriations for new construction and repair:
 - Pendergast hall, repair, \$13,000.
 - Dining hall and home building, repair, \$2,500.
 - Extension of water mains, \$700.
 - Extension of gas mains, \$1,000.
 - New well and pump, \$2,000.
 - Extension of sewers, \$2,000.
 - Repairs, veterinary building, \$800.
 - Completion of dairy pavilion and barn, \$15,000.
 - Remodeling dairy hall, \$15,000.
 - Repairing greenhouses, \$1,500.
 - Construction of coal bunkers, \$6,000.
 - Construction of girls' dormitory, \$50,000.
 - Building for hog cholera work, \$5,000.
 - For construction of alcohol plant, \$6,000
 - C. For maintenance of the agricultural school at Crookston, \$12,000.
 - D. For maintenance of substation at Crookston, \$8,000.
 - E. For maintenance of substation at Grand Rapids, \$7,000.

THE NORTHERN PACIFIC RAILROAD.

When the Northern Pacific Railroad Company instituted proceedings to secure the right of way through the university campus, the Board of Regents appears to have used every effort to defeat the application, but the supreme court, by a divided vote, permitted the condemnation and the road was constructed through a portion of the campus as its boundaries were then defined. The extension of the campus pursuant to authority granted by the legislature has been wholly to the south of the railroad tracks and as a result the campus is now practically divided in two by the line of the railway. The company's right of way is 132 feet in width. Only two tracks have been constructed and are now in operation. Their grade is at an average depth of approximately 30 feet below the surface, the excavation being greatest near the river and decreasing toward the east. Some of the buildings now erected have been necessarily located near these tracks, others to be erected in the future will also of necessity have to be placed in close proximity to it. As was anticipated by the Board of Regents the operation of trains through the campus has been disastrous. The noise incident to operation interrupts class work in many of the buildings every day and frequently work has to be suspended while trains are passing. The loss of time to the faculty and students is very great in the aggregate. Another very serious embarrassment, as well as absolute loss to the university, arises from the constant emission by the locomotives passing through the campus of vast volumes of smoke and fumes which are destructive not only to the buildings, but especially to all kinds of delicate apparatus.

At some distance to the east of the campus the line crosses Oak street at grade. There is an active movement afoot to abolish this grade crossing, either by elevating the railroad track above the street, which would necessitate the elevation of the tracks for a considerable distance through the campus, or, by lowering the tracks and bridging the same for the purpose of street travel. The engineering department of the city of Minneapolis favors the former course very strongly, but the city council up to the present time, at the earnest solicitation of the board, backed by public-spirited bodies of the city, has refrained from consenting to the raising of the railroad tracks, as such course would prevent their being covered through the campus in the future.

The present situation is absolutely intolerable. The railroad tracks must either be removed to another location, which is probably feasible, though it would involve considerable expense, or they must be covered through the campus.

The board earnestly requests your excellency and the legislature to give this matter careful consideration, to take such action and to confer upon the board such additional power as may be necessary to insure a proper adjustment of this question.

CAMPUS EXTENSION.

The status of the financial operations of the board under authority of Chapter 359 of the Laws of 1907, at the end of the last fiscal year, is as shown by the statement which follows. But the proceedings for the acquisition of the land are not sufficiently advanced at this time to enable the board to make a report that would be of any practical value to your excellency or to the legislature.

It is believed, however, that such report may be made in the early part of the session and the board will accordingly make, and submit a special report on this subject at an early day.

UNIVERSITY CAMPUS EXTENSION FUND CERTIFICATE PRINCIPAL AND INTEREST.

Certificate No.	Interest.	Principal.	Due.	Fund from which to be drawn.	To whom to be made payable.
1 to 8, inclusive.....	\$2,250.00		Jan. 10, 1908.	Campus Fund	Minn. L. & T. Co.
9	1,125.00		Mar. 19, 1908.	Campus Fund	State of Minnesota
1 to 8, inclusive.....	2,250.00		July 10, 1908.	Campus Fund	Minn. L. & T. Co.
1 and 2		\$25,000.00	July 10, 1908.	Tax Fund	Minn. L. & T. Co.
10 to 69, inclusive.....	9,000.00		Aug. 1, 1908.	Campus Fund	Minn. L. & T. Co.
9	1,125.00		Sept. 19, 1908.	Campus Fund	State of Minnesota
3 to 8, inclusive.....	1,687.50		Jan. 10, 1909.	Campus Fund	Minn. L. & T. Co.
10 to 69, inclusive.....	6,750.00		Feb. 1, 1909.	Campus Fund	Minn. L. & T. Co.
9	1,125.00		Mar. 19, 1909.	Campus Fund	State of Minnesota
3 to 8, inclusive.....	1,687.50		July 10, 1909.	Campus Fund	Minn. L. & T. Co.
3 and 4		25,000.00	July 10, 1909.	Tax Fund	Minn. L. & T. Co.
10 to 69, inclusive.....	6,750.00		Aug. 1, 1909.	Campus Fund	Minn. L. & T. Co.
10 to 29, inclusive.....		100,000.00	Aug. 1, 1909.	Tax Fund	Minn. L. & T. Co.
9	1,125.00		Sept. 19, 1909.	Campus Fund	State of Minnesota
9		50,000.00	Sept. 19, 1909.	Tax Fund	State of Minnesota
5 to 8, inclusive.....	1,125.00		Jan. 10, 1910.	Campus Fund	Minn. L. & T. Co.
30 to 69, inclusive.....	4,500.00		Feb. 1, 1910.	Campus Fund	Minn. L. & T. Co.
5 to 8, inclusive.....	1,125.00		July 10, 1910.	Campus Fund	Minn. L. & T. Co.
5 and 6		25,000.00	July 10, 1910.	Tax Fund	Minn. L. & T. Co.
30 to 69, inclusive.....	4,500.00		Aug. 1, 1910.	Campus Fund	Minn. L. & T. Co.
30 to 49, inclusive.....		100,000.00	Aug. 1, 1910.	Tax Fund	Minn. L. & T. Co.
7 and 8, inclusive.....	562.50		Jan. 10, 1911.	Campus Fund	Minn. L. & T. Co.
50 to 69, inclusive.....	2,250.00		Feb. 1, 1911.	Campus Fund	Minn. L. & T. Co.
7 and 8	562.50		July 10, 1911.	Campus Fund	Minn. L. & T. Co.
7 and 8		25,000.00	July 10, 1911.	Tax Fund	Minn. L. & T. Co.
50 to 69, inclusive.....	2,250.00		Aug. 1, 1911.	Campus Fund	Minn. L. & T. Co.
50 to 69, inclusive.....		100,000.00	Aug. 1, 1911.	Tax Fund	Minn. L. & T. Co.
	<u>\$51,750.00</u>	<u>\$450,000.00</u>			

UNIVERSITY CAMPUS EXTENSION FUND.

Year 1907-8, Ending August 1, 1908.

RECEIPTS.

From sale of certificates of indebtedness.....	\$150,000.00	
Interest	487.50	
Sale of house.....	1,000.00	
Total receipts		\$451,487.50

EXPENDITURES.

Land purchased by condemnation.....	\$145,568.95	
Land purchased by agreement.....	80,428.25	
Printing, advertising, etc.....	1,146.94	
Attorney's fees	1,500.00	
Services of appraisers and commissioners.....	1,956.25	
Interest on certificates of indebtedness.....	5,625.00	
Traveling expenses advanced to engineering building committee	500.00	
Prizes awarded for two best plans.....	1,500.00	
Survey of campus and plans.....	632.89	
Miscellaneous expenses	123.27	
Total expenditures		\$238,961.55
Auditor's balance August 1, 1908.....		\$212,525.95

STATE INSTITUTIONS FUND.

Under the state law of 1865, certain swamp lands were set aside to be sold for the benefit of state institutions. The state constitutional amendment, adopted in 1881, acted to repeal the law of 1865 and the law of 1907 was passed to make effective the plain intent of the constitutional amendment of 1881. The fund from the sale of this land had grown to be \$780,556.25 at the end of the fiscal year 1906. This fund must be kept intact and its income apportioned for the benefit of state institutions. One half of the interest which amounted to \$62,145 goes to the common school fund and the balance to the state institutions pro rata on the basis of the cost of maintenance. This brought into the university fund \$16,542.92. Hereafter the interest will be apportioned annually upon the same basis, and will amount to approximately \$6,000.

BORROWING MONEY.

The Board of Regents again call the attention of the governor and members of the legislature to the recommendation in their report four years ago:

“Moneys coming into the treasury for the benefit of the university from the June tax settlement, and from interest on part of

its permanent fund, constituting a considerable part of our income, are not received until after the close of the academic year. This necessitates the borrowing of money by the University, in the winter and spring months, to meet its current expenses. It is suggested that this necessity may be avoided, and the interest saved, by the enactment of a law authorizing the temporary transfer, to a limited amount, and under proper supervision, of moneys from the general revenue fund of the state to the general University fund. The State Auditor is of the opinion that this may be done without embarrassment to the treasury."

The situation then existing has not changed and the relief asked for would be in the interest of economy.

INCREASE IN SALARIES.

The most important matter entrusted to the Board by the last Legislature was an increase of \$105,000 in the annual appropriation for current expense, mainly for the purpose of increasing salaries of the University professors. The Board used \$93,250 for that purpose and the balance to employ needed instructors and assistants.

There has been no appropriation made by the Legislature for the University that has meant so much for the improvement of University conditions as has this for advancing salaries to something nearer a proper living basis. While this advance has afforded great relief, the present scale of salaries of members of the faculty is below that which must in time be established and maintained if Minnesota is to attract and retain men of high rank and advance to its proper place among the leading institutions of the country. The urgent necessity at this time, however, is for means to enable the Board to employ more mature and better equipped instructors.

THE RETIRING AGE AND THE CARNEGIE FOUNDATION.

Inasmuch as the Board of Regents have adopted the following resolutions, by the operation of which men and women who have rendered years of faithful service to the State will be retired at the age of sixty-five years we feel that the least that can be done for these faithful servants of the state is the enactment of legislation that shall permit them to share in the benefits of the Carnegie Foundation. Resolved:

1. The age limit for retirement of those in the service of the University on an annual salary is hereby fixed at 65 years.
2. Those now in the service of the University on an annual salary, who have reached the age limit shall be retired at the end of the present fiscal year.

3. Thereafter retirement shall take place at the end of the fiscal year in which the age limit is reached.

4. The service of any person retired may, by special resolution of the Board of Regents, be continued from year to year, if in the judgment of the Board his services are indispensable to the welfare of the University.

ABSORPTION OF HAMLINE MEDICAL DEPARTMENT.

On the fourth of March, 1908, the Board of Regents took action by which the medical department of Hamline University was taken over by the University and made part of its College of Medicine and Surgery. The details of this transaction will be found set forth in the report of President Northrop.

THE CROOKSTON SCHOOL OF AGRICULTURE.

The question of provision for the future growth and development of the Agricultural School at Crookston, should, in the judgment of the Board be considered together with the general proposition to establish such schools in various parts of the state. We feel, however, very strongly that such schools, if established, should be made feeders to the institution at St. Anthony Park and that their courses of study should be made to lead up to that school just as the high schools furnish preparation for the University. Whatever is done regarding the whole matter should be done with a view to bringing the Crookston school under the general provisions of the plan.

SPECIAL FUNDS APPROPRIATED BY THE LEGISLATURE OF 1907.

For Permanent Improvements:

\$12,000 for sewers for the Department of Agriculture.

\$6,000 for the Military Department.

\$5,500 for additional water mains for the Campus.

For Experimental Purposes—for each of the two years:

\$1,000 for additional buildings at the Crookston Station.

\$3,000 for additional buildings at the Grand Rapids Station.

\$1,000 for soil inspection.

\$3,500 for breeding field crops.

\$4,500 for purchase of live stock.

\$1,000 for horticultural investigations.

For Current Expense—for each of the two years:

\$3,500 for care of the Campus.

\$15,000 for general repairs.

For the Library, \$19,500—for each of the two years. For statement of the disposition made of this fund see report of President Northrop.

These funds, so far as they have been available to date, have been used for the purposes specified in the appropriation. The Department of Agriculture now has an up-to-date sewer system; the University buildings have been given better fire protection by the laying of much-needed water mains and the fund for Military Department has been used to grade the drill field at the School of Agriculture and for needed changes and improvements in the University Armory.

The buildings provided for the Experiment Stations have been erected and the money appropriated for experiments has been expended as shown in the detailed financial statements in this report.

The appropriation of \$25,000 for the support of the Elliott Hospital has been kept intact, since the hospital has not been built, save for an appropriation of \$1,500 made for the support of the dispensary in St. Paul.

THE UNITED STATES GOVERNMENT SPECIAL FUNDS.

The Adams Fund was devoted to the following uses:

- \$1,200 for the Farm.
- \$1,500 for Chemistry.
- \$1,600 for Dairy.
- \$900 for Entomology.
- \$1,200 for Animal Husbandry.
- \$1,200 for Veterinary Science.
- \$1,400 for Plant Pathology.

The Nelson Fund was divided as follows:

- \$1,800 for Plant Pathology.
- \$900 for Agriculture.
- \$400 for Chemistry.
- \$1,000 for Horticulture.
- \$400 for Entomology.

The money received under the Morrill bill goes into the general expense fund of the University and is used for current expenses of the Department of Agriculture.

The Hatch Fund is used solely for experimental purposes and has been expended as shown in the financial statement of the fund and with the results shown in the report of the Experimental Station.

EXPERIMENT STATION REPORT.

Reference is made to the full report of the station which will be published in book form and placed in the hands of the Governor and members of the Legislature. Further reference is made to the financial report which will be found included in the financial statement which follows.

BUILDINGS.

Since the last biennial report was made the following named buildings have been completed and occupied:

Folwell Hall, replacing the Old Main Building which was burned, was completed and occupied in October, 1907.

The Institute of Public Health and Pathology was completed and occupied in January of 1907.

The New Main Building for the Department of Agriculture was completed and occupied at the opening of the fall term of 1907.

These buildings have afforded a greatly-needed relief and it has been possible to prosecute work of the departments affected much more successfully than before.

The Legislature of 1907 made appropriations for buildings as follows:

Two hundred fifty thousand dollars for an Engineering Building. This building has not yet been erected, work on the same having been delayed on account of delay in securing additional land for the Campus and also in settling upon plans for the development of the New Campus.

Fifteen thousand dollars for a dairy barn at St. Anthony Park. This has been erected according to approved plans and is now in use.

Twenty-two thousand dollars for remodeling the Dairy Hall. This money was used in making much needed changes and improvements in this building.

For a dormitory for the Crookston School of Agriculture, \$50,000. This building has been completed and is now in use.

Fifteen thousand dollars for an Industrial Building for the same school, available this year.

The Elliott Memorial Hospital has not been built for the same reasons that have prevented the construction of the Engineering Building.

The destruction of the Anatomy Building by fire makes provisions for a new building imperative.

ADDITION TO THE UNIVERSITY FARM.

Showing expenditure of money appropriated for the purchase of additional land for the University Farm at St. Anthony Park.

Appropriation, year 1908.....	\$50,000.00
Appropriation, year 1909.....	26,000.00
Total available	\$76,000.00
Purchased from Annie L. Hendrickson, 146 and 371-400 acres of land in Section 21, Town 29, Range 23, for.....	\$72,761.33
Balance on hand August 1, 1908.....	\$3,238.67

FRUIT BREEDING FARM.

Appropriation, year 1907.....	\$16,000.00	
Appropriation, maintenance to August 1, 1908....	2,000.00	
Total available		\$18,000.00
Expenditures:		
Land, 77.89 acres.....	\$8,185.05	
House and cellar.....	3,543.37	
Salary and wages	1,473.06	
Farm implements	342.86	
Live stock	225.00	
Feed	234.39	
Trees, plants and seeds.....	487.76	
Fuel	22.05	
Survey	39.50	
Lumber	397.49	
Miscellaneous expense	232.22	
Total expenditures		\$15,182.75
Balance August 1, 1908.....		\$2,817.25

SALT SPRING LANDS.

The auditing committee of the Board of Regents were entrusted with making a thorough investigation of the Salt Spring Lands and accounts relative thereto. The committee was authorized to employ expert accountants and this was done. A thorough investigation of the whole matter was made and the following report submitted:

The Board of Regents of University of Minnesota.

Gentlemen: Your auditing committee begs leave to report as follows:

Pursuant to authority granted by your Board, your auditing committee employed Mr. N. B. Hinckley to examine the Salt Spring Lands and the accounts relative thereto. He has completed his report, and a copy of it is submitted herewith. It appears from the report that these Salt Spring lands and the funds accruing therefrom have been carefully safeguarded by those who had them in charge.

The report shows that there is a slight difference in the plats of 9 98-100 acres, being less than the amount certified to the state. This probably is a loss to the state.

There is another allowance for acceptance in lieu of actual acreage, which appears on the certificate of 12 94-100 acres that proved to be a loss to the state, but there remains yet to be certified 1, 149 40-100 acres. Steps should be taken to recover this from the government.

There appears to be a tract of land containing 4 96-100 acres in Otter Tail county used by the Great Northern Railway for right of way, which has never been paid for by that company. We would suggest that steps be taken to obtain the value of this land from the railway company.

It appears that there are 76 61-100 acres of timber land in St. Louis county yet uncut. The above tract is not mentioned in any contract for timber previously sold. Your committee calls attention to its present condition.

We also call special attention to the mineral rights which are reserved on certain lands in St. Louis county, as these mineral rights may some day be a valuable asset to the University.

There appears to have been sold 32,838 27-100 acres of land, including that on which contracts have not matured. The amount received for this land, including interest up to date, is \$246,441.55. The sale of timber on land amounts to \$62,183.44. A total received for sale of land and timber of \$308,624.99. Of this money it appears that \$51,183.35 has been turned over to the Geological and Natural Survey account at the University. The state treasurer has received \$252,273.77, and there remains in the hands of the University treasurer \$883.86.

For the lands sold there still remains unpaid an amount of \$4,035.17. The land record books show a difference of \$4,283.00 between the actual sales and the amounts remitted to the treasurer. This is accounted for in commissions, fees and expenses paid out of these funds, amounting to \$3,836.54, leaving unaccounted for \$447.36. As the records of the University from 1878 to 1893 were not kept in complete order, it is impossible to locate amounts covering this difference of \$447.36, but if the original statements of lands sold and amounts remitted could be obtained from the very first, it would be found that certain commissions had been deducted and only the net amount included in the statements of the University. The land record books show the gross sales, and this discrepancy is accounted for from the fact that net sales are reported instead of gross, in certain cases.

In the cash turned over to the state treasurer it appears that it would be necessary to go into the old records of the state treasurer's office, prior to January 30, 1898, in order to prove that the money for Salt Spring land sales was actually received by the state treasurer. This was not sent in separately from other receipts of the University, at that time.

The books containing the list of all Salt Spring lands, with sale price, etc., containing recapitulation figures used in this report and other data, are herewith turned over to the University.

Your committee recommends that the bill of Mr N. B. Hinckley for \$271.14 be paid.

Your committee would further suggest the advisability of having the University lands and the University land account examined in the same manner as the Salt Spring lands have been.

Respectfully submitted,

(Signed) J. W. OLSEN,
A. E. RICE,
B. F. NELSON.

September 23, 1907.

The committee was instructed to continue its investigation into the state of the University lands; to confer with the State Auditor regarding the sale of timber, supposed to be on University lands; and to consult with the State Auditor and take such steps as may be necessary to recover the lands supposed to belong to the University as mentioned in the committee's report.

THE GEOLOGICAL AND NATURAL HISTORY SURVEY.

The Legislature of 1872 set aside certain lands, known as salt spring lands, for the endowment of a Geological and Natural His-

tory Survey of the State. The survey was entrusted to the Regents of the University who were authorized to sell the lands and use the proceeds in the prosecution of the work of the survey.

The geological division of the survey was completed in 1901, having been under the charge of Professor N. H. Winchell. A small amount of work is now being done along this line by the University Department of Geology in the St. Croix Valley.

The natural history part of the survey has been under the charge of the University professors of Animal Biology and Botany, as zoologist and botanist of the survey. This work is being carried on at the present time.

FINANCIAL STATEMENT.

Balance on hand August 1, 1906.....	\$33,339.43
Received from sales of reports, 1906-7.....	265.33
To sales of reports, interest, transfer of funds, etc., 1907-8.....	208.31
From land contracts.....	1,728.16
	<hr/>
Total amount available.....	\$35,541.23
Expenditures for prosecution work on the survey, 1906-1908.....	\$12,134.23
	<hr/>
Balance available for further work.....	\$23,406.81

There are also outstanding accounts due on land contracts, amounting to \$2,318.20, plus the interest on the same.

GIFTS AND BENEFACTIONS.

During the past biennial period the University has received gifts and benefactions as follows:

The William His working library or "handapparar" at a cost of \$750, the gift of Messrs. Alfred P. Charles S., and John S. Pillsbury. This is a notable addition to the library of the Department of Medicine, embracing as it does, some 8,400 titles and constituting the working library of one of the leading histologists of the world.

Dr. Gisle Botline, professor of Norwegian language and literature has secured contributions amounting to \$500 for the purchase of books for the Scandinavian department.

Francis B. Guthrie, a graduate of the College of Agriculture and now in charge of an industrial mission at Batanga, Kamerun, West Africa, contributed a very valuable collection of implements and ornaments representing practically all of the manufactures of the people of that part of Africa, to the ethnological museum.

The State Horticultural Society has contributed \$500, which has been invested in the bonds of the City of Grand Rapids, Minn., by the Board of Regents, the income therefrom to be used to provide prizes in horticulture, to be known as the Gideon Memorial prize.

The most important benefaction of the period was, however, that left by the last will and testament of John D. Ludden. This good man who proved himself so generous a friend of the University during his life did not forget it in his will, and provided that

\$15,000 should be added to the amounts which had previously been given by him, to make it possible to extend the usefulness of the same. He also provided that after all other bequests had been met that the residue of his estate should be devoted to the same use. Upon suggestion of the trustees, and to facilitate their closing up the estate, the Board of Regents consented to a payment of all other legacies first and to accept the remainder of the estate. Just how much this will add to the total is not known at the present time, but it will be a substantial addition.

PRESIDENT'S REPORT.

I submit herewith the report of the President of the University, in which is fully set forth the work and growth of the University for the last biennial period:

Hon. John Lind, President of the Board of Regents.

Dear Sir: I submit herewith my biennial report as President of the University.

The last two years, 1906-7 and 1907-8, have been somewhat remarkable for the many changes in the personnel of the various faculties, for the expansion of work in some of the colleges, for the completion of several large and much needed buildings, and for the inauguration of a plan for the material enlargement of the Campus. In one sense the University has been passing through a crisis, a crisis, however, full of hope and not danger.

THANKS TO THE LEGISLATURE.

The liberality of the last legislature in adding one hundred five thousand dollars to the appropriation for the University to enable the Regents to increase the salaries of professors and instructors is gratefully acknowledged. The amount is small in comparison with the two millions recently given to Chicago University by Mr. John D. Rockefeller for the purpose of increasing salaries, by means of which, salaries in that institution have been raised twenty-five per cent and professors now receive six thousand dollars a year. But it was a generous act on the part of the Minnesota legislature to appropriate one hundred five thousand dollars for increasing salaries and it brought great relief and comfort to many of the teachers in the University. Full justice has not yet been done to all, though the Regents appropriated for salaries every dollar that could be spared for the purpose.

The liberality of the legislature is further gratefully acknowledged for its appropriation of four hundred fifty thousand dollars for the enlargement of the Campus. The Regents have fully realized the seriousness of the situation and have understood that in the enlargement of the Campus it was necessary to have definite plans that would meet the requirements for many years to come. They have therefore called to their assistance

the best talent in architecture in the country, they purpose to add to the natural beauty of the Campus whatever the highest artistic intelligence can suggest, and for the first time in the history of the University they have secured plans for laying out the Campus and for the location of buildings which it is believed will ultimately make the University with all its natural advantages of location, as attractive to the people of the state for the beauty of its grounds as it is for its educational work. These plans can not be executed in a day or a year. It will take many years. But the State of Minnesota will not die and it will see to it that the wise plans now contemplated are followed to completion by successive Boards of Regents, years after those now in service shall have passed away. The people of Minnesota are all proud of our beautiful Capitol; and I am sure that they will be proud in just degree of the University and its Campus, if the plans which the Regents have devised shall be successfully followed.

COLLEGE OF SCIENCE, LITERATURE AND ARTS.

Some new regulations governing the admission of students to the University and the course of study have been adopted by the Faculty of the College of Science, Literature and Arts.

First, the principals of high school have been requested to mark their students "passed," "passed with credit" and "passed with honor," figures being designated to indicate these. Every mark below "passed with credit" is counted as a condition; unless a State High School Board certificate is presented in addition for the subject and a student may enter the University with three of these conditions.

Second, mathematics has heretofore been required of every student entering the college. This included elementary and higher algebra and plane and solid geometry. One year of mathematics was required of every student in the University whether he had had the full preparatory work or not, the work in the University being adapted to the attainments of new students both elementary and advanced mathematics being offered to meet the requirements. Now mathematics is entirely elective for all students who have completed all the preparatory mathematics in the high school. Those who have not completed this work, are required to take mathematics five times a week during freshman year.

It should be noted that this change in mathematics applies only to the College of Science, Literature and Arts, the College of Engineering and School of Mines requiring an examination in three years' preparatory mathematics.

Third, the election of subjects by the Freshmen has been limited to three groups of subjects: First, Languages; second, Sciences; and third, Greek, History and Mathematics. Heretofore all freshmen were required to take Mathematics and Rhetoric and permitted to select their other studies without limitation. The change is in the interest of more orderly and purposeful study.

The University has heretofore established rules to secure proper scholarship of students who may engage in athletic contests. It has now adopted rules which demand as high scholarship of candidates for literary honors. No student in this college with any "condition" or failure standing against him shall be eligible after his first year, as a competitor in intercollegiate debate or oratory, or for membership on the editorial board of any student publication, or for membership in the Dramatic Club or in any student dramatic or musical organization which gives entertainments outside the University.

The College of Science, Literature and Arts now offers, in addition to the usual degree of Bachelor of Arts, a degree with distinction in some particular subject. The student who wishes to secure this degree may register as a candidate at any time during Sophomore or Junior year, when he must have an average of "good" in all previous work. At graduation in order to secure the degree he must have an average of "good" in four-fifths of his work. He must present a thesis, before May 1st of his Senior year, upon a theme related to the subject in which he is to secure distinction and approved by his adviser. He must be recommended by the Department for special excellence in the selected subject and must be approved by the Faculty.

Every regular student before the close of his sophomore year must select a major subject and the Professor in charge of the subject selected or some instructor in the department named by the Professor, becomes the student's adviser as to the other subjects he shall take. The student is not controlled in his choice of subjects by the professor but he must have forty-eight credits approved by the adviser out of one hundred and twenty-six. Of these forty-eight credits eighteen can be secured in the major subject and thirty must be selected in other departments as approved by the adviser.

A student cannot graduate in the College of Science, Literature and Arts unless he has a mark of "good" in one-half of his work or in sixty-three credits. The mark below "good" is "passed" and the mark above "good" is "excellent." A student may therefore technically "pass" and yet not receive a diploma. The reason for this action is that it was felt to be important that the standard of scholarship for a diploma should be raised and this method secures the result without embittering the life of the instructors.

CHAIR OF ACCOUNTING AND INSURANCE.

In the College of Science, Literature and Arts a chair of Accounting and Insurance has been established and has been filled by the appointment of a cultured and trained expert who it is believed will make the courses offered extremely valuable to the students. This is only one of the many subjects that are continually appealing for special recognition either by the establishment of new chairs or the introduction of new specialists to deal with new courses. Practically there is no end to the possible demands of this kind. But there is a limit to the University's ability to establish

and maintain new chairs—and it is not wise to search very much for opportunity to expand. It is wise for all departments to do the best work they can and in the most thorough way with the forces at their command. Such new subjects as may present themselves as desirable additions to the Curriculum the Regents will entertain as hospitably always as the funds of the University will permit.

CAUSES OF POOR SCHOLARSHIP.

The most certain way for a college to determine the fitness of candidates for admission is to examine them. The examination can be made so comprehensive and difficult as to test thoroughly the candidate's knowledge of the subject. A few of the oldest universities examine all their candidates for admission and do not accept high school diplomas nor teachers' certificates as evidence of proper preparation. Yale College is one of these, and from the recent report of Dean Wright it would seem that the examinations must have increased in severity in late years. Five hundred forty-two candidates presented themselves for either preliminary or final examination for the class of 1911 and of these only three hundred thirty-five, or about 62 per cent. were admitted. It appears that notwithstanding the careful and probably severe examination for admission, Yale is not entirely free from incompetent and unsatisfactory students, as the last year, the whole number of men under "warning" for the whole or a part of freshman year, was one hundred thirty-two, of whom thirty-six had entered college without conditions. Of these one hundred thirty-two, one had passed freshman year in another college and the remaining one hundred thirty-one had received their preparation as follows:

- By private tutoring, 2.
- In Connecticut high schools, 6.
- In high schools in other states, 7.
- In private schools, 116.

Upon this statement the comment is made that "the young men who enter college from high schools are as a rule good students and come for study. Among those who enter from private schools are many for whom college means general culture and social standing to be gained by extra curriculum activity rather than by study."

It is evident from all this that there is a strong tendency among students in Yale as elsewhere to relax their efforts after admission to the university has been once secured.

The University of Minnesota admits students upon satisfactory evidence furnished by certificate of high school principal that they have successfully completed a four years' course in high school, or by evidence of equivalent work in other schools. It is naturally to be expected that under this arrangement a larger proportion of candidates will be admitted than would be if an examination by the university were required. It is not surprising therefore to find that of 446 students who entered the last freshman class only 142 completed the year's work without any condition or failure.

Three causes may contribute to the multiplication of "conditioned" students. First—poor preparation for college; second—lack of industry and devotion to study after admission to college; third—the high standard of scholarship required by the college.

I do not think the standard of scholarship of the university is so high that any reasonably well-prepared student of industrious habits can not attain to it without injury to health. I do not think that the work of the university is so difficult that even a poorly prepared student can not do it successfully if he is industrious. I do think that the university course is so hard and exacting that the idle student who does not make study a business will be pretty sure to fail—and I am quite certain that most of the failures of freshman year are the result of neglect of study and not at all necessary. Many students seem to think that their work is done when they once get into the university, and that all that remains for them to do in order to secure a diploma is to hang around the institution, manage college politics, get into a secret society, cultivate social life, or in some way pleasantly or vilely spend their time to the total neglect of the things for which theoretically they have entered the university. While lack of preparation for college is to be deplored, I believe that very few students who have done well enough in the high school to secure a recommendation from the principal, need fail in college if they were fairly faithful in attending to their studies. No feature in our present day educational work impresses me so unfavorably as the limited time and labor which students generally in school and in college are willing to devote to preparation for recitations. With scant study and a great miscellaneous collection of subjects to choose from, it is no wonder that there should be a note of sorrow in the official statements of all the colleges, as their faculties realize how imperfect is the training of many who receive the diploma of the college. The only remedy is more study devoted to a smaller number of subjects at a time. But it is almost impossible to secure this when new subjects of real importance are constantly presenting themselves for admission to the college curriculum and the heads of every department in the college are constantly multiplying courses of study. I can readily see how this problem can be successfully dealt with in a small college where necessity demands that there shall be some degree of conformity to old methods for securing intellectual discipline; but in the great universities where of late years there has been a wild rivalry to show which can furnish the greatest number and variety of subjects that may be taken by students, I do not see any possible remedy but the formation of a number of more or less absolutely determined curricula by confinement to any one of which a student would pursue a logical course and would at graduation know a good deal of one large field of learning, instead of having a glimpse of all fields.

Dean Downey in his report to me dwells with great satisfaction on the relief afforded by the increase of salaries and says that "the payment of larger salaries has greatly stimulated the work by encouraging men who were receiving pay much below the value of their services, and by enabling us to compete with other institutions when we go into the field for new men."

FOLWELL HALL.

Dean Downey, to whom the university is deeply indebted for the completeness and perfection of details of the new building, Folwell Hall, makes the following statement respecting this building:

"Another great advance has been in the housing of twelve departments in a new building. Even before the burning of the old Main building all departments in the college, except, perhaps, Chemistry and Physics, were greatly cramped for room. During the three years following the fire, the work was greatly hampered by over-crowding in all the buildings. Folwell Hall, opened at the beginning of the past year, with its commodious class rooms, seminary rooms, public rooms and offices, amply accommodates all the departments that were in the old Main building and three departments that were in the Library building. The departments of Economics and Politics, History and English in the Library building, and Animal Biology, Botany, and Geology in Pillsbury Hall are still greatly in need of more room."

NEEDED BUILDINGS.

Dean Downey reports as follows respecting the need of new buildings in the College of Science, Literature and Arts.

I call attention to the greatly crowded condition of Pillsbury Hall and the Library building and urge the securing of appropriations for two new buildings to provide relief, and a women's dormitory.

The departments of Animal Biology, Botany, and Geology, all housed in Pillsbury Hall, are greatly hampered in their work for want of room and, aside from this, the quarters occupied by the department of Animal Biology are very illy suited to the work of the department. The laboratories are too small, there is no adequate place for the care of living materials for laboratory use, and the museum is a disgraceful jumble of valuable specimens which, for want of room, cannot be displayed in a way to render them useful. In spite of this jumble, many high schools send their classes in Zoology to our museum to study these collections, and doubtless many others would send their classes if the collections were more accessible. In making the collections more available to the students of the Department of Animal Biology in the University, we shall incidentally confer a great benefit upon secondary schools in our vicinity. Besides, adequate museum quarters would invite additional collections, which are now cut off for want of space to display them. Most of the specimens of the collection bought by the legislature two years ago for the University are stored in boxes and out-of-the-way corners where they cannot be used. I urgently recommend the securing of an appropriation of \$200,000 for a building for Animal Biology and a Zoological museum.

I have just learned from professors in the department that, notwithstanding the inadequacy of the rooms and facilities here, the department has many more students than has the same department in any other institution in the country. Harvard, for example, with 2,677 students in the

College of Science, Literature and the Arts, has only 251 in Animal Biology; while our college, with 1,585 students, has 416 in Animal Biology

Although the departments of Philosophy, Sociology and Philology were transferred from the Library building to Folwell Hall, the expansion of the remaining departments in the Library building and of the Library itself has much exceeded the space thus gained. During the first semester of the past year (and the figures were practically the same for the second semester) the department of Economics and Politics had 506 students, with a teaching staff of five, the department of English had 895 students, with a teaching staff of five, and the department of History had 537 students, with a teaching staff of five; yet the departments have but two class rooms each—six class rooms for 15 instructors with 36 classes—with a very inadequate supply of offices and seminar rooms. The class rooms are not only crowded beyond their reasonable capacity, but one big class follows another in each room until it becomes foul from want of ventilation. Two additional instructors have been elected in one of these departments for the present year, and others will need to be added from time to time. The library, too, is in great need of more room for the storage of books and for carrying on its work efficiently.

I therefore recommend that there be erected either a new Library building and the space now occupied by the Library be divided among the departments occupying the building, or a Chapel building and the space now occupied by the Chapel be divided among the departments and the Library.

To care for the large number of women students whose homes are not in Minneapolis, a woman's dormitory is very much needed. Nearly two-thirds of the students in the College of Science, Literature and the Arts, and the College of Education are women. Those of them whose homes are out of the city must take such places as they are able to secure in the vicinity of the University. Not enough good places devoted exclusively to women students are available. In many cases young ladies are forced to take places that are quite unsuitable, either on account of poor rooms or the presence of men students in the same house and often in adjacent rooms. I believe that not a few Minnesota young ladies go elsewhere to college because their parents are not willing that they should be situated as the conditions here require; and University authorities ought not to be willing that young lady students should be situated as many of ours are at the present time.

A Women's dormitory, in which rooms would be rented at a reasonable price to out-of-town women students, is a prime necessity.

THE COLLEGE OF ENGINEERING AND MECHANIC ARTS.

Dean Jones reports as follows: A most important change is to be noted in the curriculum of the College of Engineering. The course of study in this department has been changed from four to five years and marks a turning point in the history of technical education in the middle west. For twenty years the curriculum has been in process of readjustment made necessary by the growing demands of modern practice. The rapid development

in every line of engineering science has necessitated the instruction of a great variety of purely technical subjects at the expense of those studies which are commonly called cultural and which are admitted to be essential factors in a liberal education, such as an engineering education should aim to be. Heretofore the demand for men of technical training has been so great and the pecuniary inducements so attractive, that students have hastened to avail themselves of any opportunity offered to prepare for service in the several engineering professions. The graduating classes have increased in size and the men have found remunerative employment awaiting them upon the completion of their college course. This has been taken as a proof of the value of the technical education now offered and the engineering courses have been extolled as practical and sensible, notwithstanding the fact that they have failed to produce truly educated men. "Men are graduating in engineering courses all over the country with an ignorance of literature, history and the liberal arts so dense that no proficiency in science and technology can save them from the charge of being uncultured." Recognizing the truth of this criticism, the faculty of the Engineering College and the Regents of the University of Minnesota have agreed that an extension of the course to five years is feasible and desirable. The additional year permits the instruction of work in languages, history, philosophy and economics and justifies the college in conferring the B. S. degree at the end of the fourth year, the full degree of engineer to be granted at the end of the fifth year. It has been decided that no additional technical work shall be injected into the new course but that the year added shall be devoted exclusively to such studies as tend to liberalize the education of the prospective engineer. The work of the five years has been distributed in such a manner as to require students desiring the engineer's degree to complete the entire course, the first two years being cultural and the last three being increasingly technical in character.

It was expected that a very considerable reduction in the enrollment would result from this change in the curriculum, but the present freshman class, the first to enter upon the five-year course, numbers one hundred sixty-seven. Last year's freshman class numbered one hundred seventy-three. There is thus no reason for supposing that the additional requirement will result in turning students of the state away from the University, even though there is a possibility of obtaining an engineer's degree in shorter time at some other institution.

The requirements for admission remain as heretofore, although the acceptance of State High School Board certificates in lieu of University examinations in mathematical subjects is not proving entirely satisfactory. Many students enter the college on presentation of their certificates, who have had no practice in mathematical work for one year, and in many cases for two years. The requirement of an examination in the mathematics offered for admission would result in a thorough review of these subjects just before the student enters the college. If such a review could be made a feature of the senior year in the high school it would insure a continuity of mathematical study which would be of the greatest benefit to the en-

gineering student. This possible change in the requirement for admission is now under consideration.

The college is conducting its work under trying conditions but anticipates the relief which will be afforded by the erection of the new engineering building.

THE AGRICULTURAL DEPARTMENT

The Agricultural Department is in a very flourishing condition and by reason both of the character and extent of its work is today one of the most important parts of the University. The number of students in the College of Agriculture is increasing at a surprising rate, and it is evident that the tide has now set strongly towards agricultural education of the highest character. In view of the demand which is growing stronger every day for an increased number of technical schools and of agricultural high schools, the importance of the College of Agriculture of the University is greatly increased as a means of supplying the force of teachers needed for these multiplying schools, as well as a means of providing intelligent scientists to make needed investigations in the interest of agriculture. The special appropriations of the National Government, increased as they have recently been by the passage of the Adams bill and the Nelson bill by Congress, have placed our Agricultural College in the front rank of the University in respect to original research, and create a natural desire for a like endowment of the other colleges with means for extended and important research.

The School of Agriculture is growing in numbers and in efficiency. The school at Crookston is also doing well and is enjoying its fine new building for which the last legislature made an appropriation. A summer school for teachers has been established and has held one session of four weeks at which a large number of teachers were present. An elementary school in engineering heretofore conducted in summer by Principal Mayne, has been taken up by the University and will hereafter be conducted under the direction of the University.

Much good work has been done in the Experiment Station. Professor Haecker in particular has conducted a long series of experiments leading to most valuable conclusions in animal nutrition and he is still engaged in this work with every prospect of further valuable results. A considerable increase in the corps of experiment workers has been made possible by the enlarged appropriations by Congress, and judicious appointments have been made of men who are believed to have peculiar aptitude for the work to which they have been called.

THE DEAN AND DIRECTOR.

Hon. Wm. M. Liggett who for years had been the Dean of the Agricultural Department and Director of the Experiment Station was compelled by failing health to lay down the heavy burden which he had so faithfully and efficiently carried, and Hon. E. W. Randall was appointed to succeed him. Dean Liggett has my most hearty sympathy in his impaired health and consequent retirement from official duties.

THE SCHOOL OF FORESTRY.

Professor Green, at the head of the Forestry School, makes the following interesting report:

ITASCA STATE PARK AND THE STATE UNIVERSITY.—Itasca State Park contains about 35 sections of land surrounding Lake Itasca at the head waters of the Mississippi river. As yet, its forest growth is scarcely touched by the lumbermen, and it is a beautiful place that has in it many possibilities for good for this commonwealth. The Legislature of 1907 placed this park in the hands of the State Forestry Board and provided for the carrying on of a forest school in connection therewith, under the direction of the University. In accordance with this act, a Summer School of Forestry has been held in the park during the past year. It has been well attended, and the results plainly show that applied work of this kind can be made interesting and instructive to students, and I believe that if it is continued and properly supported it is destined to exert a very potent effect upon the proper management of our forest wealth. I feel that in this park the state of Minnesota has an opportunity for the building up of a great forestry school.

FOREST EXPERIMENTS.—There are many problems in connection with the conservation of the forest wealth of Minnesota that the University could undertake to advantage. It could use Itasca Park as a demonstration forest, where could be shown on a commercial scale, without in any way interfering with the park features of the place, the most practicable means of protecting forests from fire and of securing a re-stocking of land with the valuable kinds of timber trees.

FUNDS FOR STUDENT LABOR IN STATE FORESTS.—In the development of our School of Agriculture we have found it best to provide that our students put in a portion of their time with some good farmer or gardener, thus getting valuable experience, and there has been no difficulty about finding places of this kind, where they could earn the means to take care of part of their expenses, as well as secure the experience needed. One of the greatest handicaps in our forestry work is the lack of means for giving our students practical experience. There are no forests properly managed in this state, so our students are absolutely powerless to secure the needed experience, and I would suggest that a liberal provision be made by the next legislature for the employment of these students on the forest reserves of this state, since the students need the experience and the state needs the labor. An arrangement of this kind could be worked out to mutual advantage.

A CONVENIENT DEMONSTRATION FOREST AT HAND.—The citizens of Cloquet are desirous of having a demonstration forest in their vicinity and are prepared to donate to the state for forestry purposes a suitable tract of land, amounting to 2,640 acres, and located in what is now known as the Fond du Lac Indian reservation. This land is only two and one-half miles from the city of Cloquet and four miles from Carlton, and can be reached in four hours from the University. I would recommend that this tract of land be accepted by the state for the University for forestry purposes, and that the Legislature be requested to make provisions for its proper maintenance.

If the University of Minnesota is afforded reasonable means for the work of forest conservation it stands ready to take hold of it in earnest. I believe that the only permanent way of conserving our forest resources is by educating many young men who shall understand the importance of, and the best method of managing them. It should be remembered in this connection that the forests of Minnesota have added enormously to its pros-

perity, and that they are capable of producing continuously if properly managed, while under the slovenly system, or lack of systems, now followed, large tracts of timber lands in this state are absolutely non-productive.

I would also call your attention to the fact that when the forests of Germany were in a similar plight and the people woke up to an appreciation of the importance of the conservation of forest wealth that it was necessary for the state to put enormous sums of money into reforestation, and it will be necessary for Minnesota to treat liberally this phase of University work if our forests are to be properly cared for.

THE SCHOOL OF MINES.

The high standard of work has been maintained in the School of Mines. It is hoped and expected that arrangements will soon be made by which the students will be brought into close relations with the mining in Northern Minnesota, and I am grateful for the interest in this matter shown by the managers of the mines.

THE COLLEGE OF DENTISTRY.

This college is the equal of any college of dentistry in the country so far as its training goes. The pressure for admission is greater than the college can accommodate. If the proposed transfer to the College of Dentistry of the present Medical Science building can be made, there will be ample accommodation for all, and the College of Dentistry will be placed on a permanent foundation and will prosper even more than in the past.

THE COLLEGE OF PHARMACY.

The great need of this college is a building. Dean Wulling has shown wonderful patience as he has waited year after year for an appropriation to be made for a building, and he has never failed to attend to his duties in developing the school. A new building with proper equipment will make our College of Pharmacy what it ought to be—as good as the best.

THE SCHOOL OF CHEMISTRY.

Dean Frankforter in taking charge of all the work in Chemistry for all departments of the University, has assumed a very heavy burden, and although he is assisted by quite a large corps of able assistants, the work is so exacting that it interferes decidedly with his plans for original investigation. There are so many important problems to be solved in connection with the development of the west, and Dean Frankforter has done such valuable work in investigating the value of by-products of timber and grain, that it would be good economy for the University to give him assistance enough to enable him to devote a considerable portion of his time to research work—that work being in part what the University was established for.

THE COLLEGE OF LAW.

Owing to the fact that the requirements for admission to the Law College will be greater next year than this, the attendance is likely to be

larger than ever in the year 1908-09. The college has enjoyed the past year lectures by a number of leading lawyers at the Minnesota bar, in addition to the faithful work of the regular faculty. The library of the college has received substantial additions, and the work of the college has been carried forward with success in all respects.

Beginning September, 1909, students entering the law school for a degree must have one year's college work, in addition to four years of high school work or the equivalent as a preparation for admission. It is proposed to raise the requirements for admission so as to include two years of college work in the near future.

THE COLLEGE OF MEDICINE AND SURGERY.

Notwithstanding the requirement of two years of work in college before entrance to the College of Medicine and Surgery this college is gaining in the number of students. The College of Physicians and Surgeons, the Medical Department of Hamline University, surrendered its charter the present year and its pupils were received into the University of Minnesota. They will complete their course in the University of Minnesota but will be graduated by Hamline University. This arrangement was agreeable, I believe, to all concerned. The burning of the Anatomy building makes it necessary for the Regents to decide whether it is best to rebuild, or to build a new building like the old, or to provide for the work in anatomy in some other building to be erected for the accommodation of other departments as well as anatomy. The College of Medicine and Surgery is doing excellent work, and students desiring the best medical education will make no mistake if they enter this college.

The hospital provided for by the bequest from the Elliot estate has been delayed in its construction beyond all expectation by reason of the enlargement of the campus and the incompleteness of the plans for laying out the campus and locating the buildings on it.

THE LIBRARY.

The librarian, James T. Gerould, submits, at my request, a brief report of the University Library, for the two years beginning August 1, 1906, and ending July 31, 1908. It is as follows:

Total number of books added.....	21,399
The record of gifts is as follows:	
Books	1,733
Pamphlets	3,901
Maps	174

According to the records of the Library, we have expended for books, periodicals and binding a total of \$41,196.70.

This figure does not include the expenditures of the law library. The payments included in the above named sum have been made out of the following funds:

Fire loss	\$ 422.37
Current expense	8,428.64
Main equipment building.....	14,023.05
Special library	13,822.90
Special periodicals and binding.....	4,498.74

The special appropriation for the beginning of a complete catalogue of the Library became available August 1, 1907. The first two months were spent in certain necessary preliminary work and cataloging actually began on October 1. During the twelve months ending September 30, 1908, the cataloging done may be summarized as follows:

Cards prepared	32,812
Volumes catalogued	24,334
Titles catalogued	10,031

Of the cards in the catalogue on October 1, 1908, 15,714 were the printed cards prepared by the Library of Congress and 17,098 were typewritten.

The Library Committee of the University Council makes an earnest plea for largely increased appropriations for the library and they present statistics showing that the University of Minnesota is spending very little for the yearly growth of the library compared with the expenditure for the same purpose by other state universities. I commend the communication of this committee to your careful consideration.

NECROLOGY.

The University has lost three very valuable men by death: Assistant Professor Edward E. McDermott, of the Department of Rhetoric, died Feb. 27, 1908. He had by years of faithful service proved himself most useful both to the University and the high schools of the state. He had organized the debating leagues and had done much to restore debate and oratory to the position they formerly held. Prof. McDermott was a man of excellent character and high ideals and during his whole career at the University he steadily grew in the esteem of his colleagues and of his students, and his death was very sincerely mourned by all.

Dr. Jacob E. Schadle, Professor of Rhinology and Laryngology, died in April, 1908. He was eminent in his profession—beneficent in his spirit and practice—and his death is deeply regretted by his colleagues and by the large circle of patients to whose comfort and health he so patiently and skillfully ministered.

Dr. James O. Wells, Professor of Crown and Bridgework and Porcelain Art, died on August 27, 1908. He had been ill for some time and had expected to take a leave of absence for a year in hopes of recovering his health. But an attack of pneumonia hastened his death. He had been a valued member of the faculty of the College of Dentistry.

CHANGES IN THE FACULTIES.

The last two years have been remarkable for the number of changes which have occurred in the personnel of the faculties of the University of Minnesota. More than twenty professors and instructors have left the University on account of age, or to enter upon other work, or removed by death, and more than fifty new men have been added to the faculties. The list of those who have ceased to be members of the faculties is as follows:

Harold L. Lyon.....	Assistant Professor of Botany.
Wm. W. Folwell.....	Librarian and Professor Political Science.
Frank L. McVey.....	Professor Political Economy.
Arthur L. Parsons.....	Instructor in Geology.
Edward E. McDermott.....	Assistant Professor Rhetoric.
Edward Sanford.....	Assistant Professor Rhetoric.
O. P. McElmeel.....	Instructor in Rhetoric.
Fred D. Calhoun.....	Instructor in Rhetoric.
John S. Carlson.....	Professor Scand. Language and Literature
Hubert C. Carel.....	Professor of Chemistry.
Wm. H. Merriman.....	Instructor Mechanical Engineering Dept.
Edward C. Oliver.....	Instructor Mechanical Engineering Dept.
James M. Tate.....	Instructor in Carpentry.
Wm. R. Hoag.....	Professor Civil Engineering.
Wm. L. Westermann.....	Assistant Professor of History.
Margaret L. Nickerson.....	Instructor Medicine and Surgery.
E. F. Hertz.....	Professor College of Dentistry.
Edward K. Parker.....	Assistant in Agriculture.
C. Schroeder.....	Assistant in Animal Husbandry.
Mary McIntyre.....	Librarian.
Linda H. Maley.....	Instructor in Rhetoric.
Jacob E. Schadle.....	Professor of Rhinology and Laryngology.
James O. Wells.....	Professor of Crown and Bridge Work.

Instructors who have come during the last two years:

Fred E. Clements.....	Professor of Botany.
John H. Gray.....	Professor of Economics.
E. V. Robinson.....	Professor of Economics.
Raymond Phelan.....	Instructor in Economics.
C. D. Allin.....	Instructor in Political Science.
J. B. Miner.....	Assistant Professor of Psychology.
Rowland Hayes.....	Instructor in Psychology.
Frank E. Grout.....	Instructor in Geology.
Wm. H. Bussey.....	Assistant Professor of Mathematics.
Edward M. Lehmerts.....	Assistant Professor of Geography.
W. L. Westermann.....	Assistant Professor of History.
Leulah Judson.....	Instructor in History.
Chas. W. Nichols.....	Instructor in Rhetoric.
Haldor Gislasen.....	Instructor in Rhetoric.
Joseph W. Beach.....	Assistant Professor of English.
Chas. M. Andrist.....	Assistant Professor of French.
Gisle Botlane.....	Prof. of Scand. Language and Literature.
A. A. Stomberg.....	Prof. of Scand. Language and Literature.
Fletcher H. Swift.....	Assistant Professor of Education.
Albert E. Jenks.....	Assistant Professor of Anthropology.
Samuel N. Reep.....	Assistant Professor of Sociology.
John A. Handy.....	Instructor in Chemistry.
James Zimmerman.....	Instructor in Chemistry.
E. H. Comstock.....	Instructor in Mathematics.
Burt L. Newkirk.....	Instructor in Mathematics.
John Martenis.....	Instructor in Mechanical Engineering.
W. T. Ryan.....	Instructor in Electrical Engineering.
S. C. Shipley.....	Instructor in Mechanical Engineering.
Edward Quigley.....	Instructor in Mechanical Engineering.
H. J. Kernes.....	Instructor in Civil Engineering.
A. S. Cutter.....	Instructor in Civil Engineering.
Frank B. Rowley.....	Instructor in Drawing.
E. D. Brown.....	Acting Professor Medicine and Surgery.
Arthur W. Meyer.....	Asst. Professor of Medicine and Surgery.
H. F. Robertson.....	Demonstrator Medicine and Surgery.
J. P. Sedgwick.....	Instructor Medicine and Surgery.
J. P. Johnston.....	Asst. Professor Medicine and Surgery.
H. M. Lufkin.....	Prof. Homeopathic Medicine and Surgery.
H. A. Maves.....	Instructor College of Dentistry.
Jay N. Pike.....	Instructor College of Dentistry.
H. S. Godfrey.....	Instructor College of Dentistry.
I. E. Hedly.....	Instructor College of Dentistry.
G. M. Damon.....	Instructor College of Dentistry.
Robt. L. Greene.....	Instructor College of Dentistry.
Wm. L. Lasby.....	Instructor College of Dentistry.
Edward K. Slater.....	Assistant Professor Dairy Husbandry.
John T. Stewart.....	Prof. Agricultural Engineer and Phys.
Robert C. Lansing.....	Assistant Professor English.
H. B. Roe.....	Instructor Mathematics.
E. M. Freeman.....	Professor Botany and Plant Pathology.

THE CARNEGIE PENSION FUND.

Mr. Andrew Carnegie, whose liberality has done so much good to this country not only directly by gifts for libraries and for the support of educational institutions and work, but even more by the noble example of liberality which he has given to men of wealth every where, has added five millions of dollars to his previous gift of ten millions of dollars to provide pensions for retiring professors, and he has given these additional five millions for the express purpose of enabling state universities to share in the distribution of the pension fund, as at first they could not. In no way could Mr. Carnegie have done an act of greater utility, for it relieves the colleges from the necessity of retaining professors after their usefulness is impaired and it insures peaceful and comfortable old age to many weary professors who have never been able to accumulate much property and have lived all their lives in greater or less anxiety regarding the comfort of those dear to them and regarding their own comfort when they should be no longer able to earn even the small salary they have been accustomed to receive.

A professor to be eligible for retirement on the ground of age, must have reached the age of sixty-five and must have been for fifteen years professor in a higher institution of learning. To be eligible for retirement on the ground of length of service, a professor must have had twenty-five years of service in a higher institution of learning. To receive a pension, the professor must cease absolutely from teaching as a member of the instructing staff of the college. Whether a professor's connection with a college as teacher shall cease at the age of sixty-five or at an earlier or a later age is a matter solely within the jurisdiction of the professor himself and of the authorities of the institution in which he serves.

In order that the University of Minnesota may receive the benefit of this noble pension fund, it is necessary that the Board of Regents, the Governor of the state and the Legislature, shall all formally approve of the University's accepting the pensions from the Carnegie Fund. The Board of Regents has already expressed unanimously its approval; and I can not for a moment suppose that the Governor or the Legislature will hesitate to give their approval also.

The attendance the last two years has been as follows:

SUMMARY OF TOTALS.

	1906-1907.	Men.	Women.	Total
The College of Science, Literature and Arts.....	465	879		1,344
The College of Engineer.....	458	.....		458
The Department of Agriculture.....	628	197		825
The College of Law.....	496	2		498
The Department of Medicine.....	425	17		442
The School of Mines.....	138	.....		138
The School of Chemistry.....	51	9		60
The College of Education.....	4	13		17
The Graduate School.....	60	96		95
The Summer School University Section.....	85	171		256
	2,810	1,323		4,133
Less duplicates .....	.....	.....		62
				4,071

1907-1908.

	Men.	Women.	Total.
The College of Science, Literature and Arts.....	578	906	1,484
The College of Engineer.....	473	.....	473
The Department of Agriculture.....	727	203	930
The College of Law.....	494	6	500
The Department of Medicine.....	422	27	449
The School of Mines.....	148	.....	148
The School of Chemistry.....	61	7	68
The College of Education.....	9	23	32
The Graduate School.....	74	33	107
The Summer School University Section.....	109	223	332
	3,095	1,428	4,523
Less duplicates .....	.....	.....	102
			4,421

The enrollment for the year 1908-9 is already more than 4,650.

New buildings are asked for by the various colleges of the University as follows:

A building for the College of Pharmacy.

A building for Medical Sciences, the present building to be assigned to the College of Dentistry, now so crowded for room as to be unable to receive all students who wish to enter.

A Zoological building and museum.

A Woman's Dormitory.

A building for Practice School in the College of Education.

A Men's building.

And most necessary of all, a heating and lighting plant.

A WOMAN'S DORMITORY.

It is deplorable that the University has no dormitory for women. It is very difficult to find suitable boarding places for women students, and the existing conditions are not at all satisfactory. In very few places are the accommodations such as they ought to be. Without particularizing it is enough to say that any one who will look into the situation as it is, or will confer with Dean Comstock in reference to her experience in providing suitable oversight of the women students, will soon be convinced that a Woman's Dormitory is one of the most pressing needs of the University today.

CYRUS NORTHROP,

President of the University of Minnesota.

Respectfully submitted, with the subjoined financial statement,

JOHN LIND,

President of the Board of Regents.

FINANCIAL STATEMENT.

Hon. John Lind, President of the Board of Regents:

Sir: I herewith submit the financial report of the University of Minnesota for the fiscal years commencing August 1, 1906, and ending July 31, 1908.

JOSEPH D. BREN,

Cashier University of Minnesota.

August 1, 1908.

CURRENT EXPENSE, 1906-1907.

Statement of Receipts and Disbursements for the Year Ending July 31, 1907.

RECEIPTS.

Auditor's balance August 1, 1906.....	\$37,269.53
Auditor's balance in fuel fund August 1, 1906.....	4,794.66
Receipts, year 1905-6, turned into treasury after August 1, 1906.....	40,091.96
Receipts from kitchen and dining hall fund, School of Agriculture to replace amount advanced from current expense fund.....	2,045.46
Total	\$84,201.61
Less June and July bills paid after August 1, 1906.....	14,821.38
Revolving fund	\$69,380.23
	2,800.00
True balance August 1, 1906.....	\$72,180.23
From the United States Government--	
Grant made by the government approved March 2, 1861, and July 2, 1862, being interest on the bonds of various states in which the resulting funds are invested..	\$50,885.54
Interest on bank deposits.....	1,011.06
United States treasurer, Hatch fund, year 1906-7.....	15,000.00
United States treasurer Hatch fund, year 1907-8.....	3,750.00
United States treasurer Morrill fund.....	25,000.00
United States treasurer Nelson fund.....	5,000.00
United States treasurer Adams fund, three quarterly payments	5,250.00
(First quarterly payment for year 1906-7 and \$5,000 for year 1905-6 included in auditor's balance, August 1, 1906).	
Total from the United States government.....	\$105,896.60
From State Appropriations--	
23-100 of one mill revenue tax.....	\$205,051.09
Additional appropriation	60,000.00
Total from the state.....	\$265,051.09
From the University--	
Students' fees	\$127,946.15
Dental Infirmary receipts.....	10,470.65
Miscellaneous receipts	1,493.25
School of Agriculture—sales and fees.....	10,478.61
The Experiment Station—sales.....	8,818.22
Total from the university.....	\$169,206.88
Total receipts	\$612,334.80

DISBURSEMENTS.

	Pay Rolls.	Bills.	
August	\$10,937.42		
September	34,767.26	\$7,205.58	
October	37,005.57	11,990.67	
November	37,918.00	9,911.60	
December	37,101.25	14,262.53	
January	37,510.53	8,703.98	
February	37,760.28	8,864.24	
March	39,974.07	6,641.87	
April	37,701.13	12,369.73	
May	38,769.54	8,314.48	
June	38,401.37	6,906.02	
July	12,398.20	9,414.25	
Total	\$400,244.62	\$104,584.95	
Fees paid county treasurer by state auditor.....		\$168.06	
Bills paid from current expense, later transferred to in- surrectary equipment fund.....		183.45	
Fuel bills		32,590.46	
Pay roll		400,244.62	
Total disbursements			\$537,771.54
True balance August 1, 1907.....			\$74,563.26

Note.—For distribution of balance see following statement:

DISTRIBUTION OF BALANCE, AUGUST 1, 1907.

Hatch Bill, first quarterly payment for year 1907-8..... (Transferred August 1, 1907 to separate account).....	\$3,750.00
Morrill Bill, for year 1907-8.....	25,000.00
Revolving fund	2,800.00
23-100 of one mill revenue tax for year 1907-8.....	43,013.26
Total	\$74,563.26

CURRENT EXPENSE, YEAR 1907-1908.

Statement of Receipts and Disbursements for Year Ending July 31, 1908

RECEIPTS.

Auditor's balance August 1, 1907.....		\$34,388.21
Auditor's balance in fuel fund August 1, 1907.....		1,197.31
Receipts belonging to year 1906-7 turned into treasury after August 1, 1907		49,944.20
Total		\$85,529.72
Less July bills, year 1906-7, paid after August 1, 1907....	\$9,414.25	
Less fuel bills, year 1906-7, paid after August 1, 1907.....	4,352.21	
Total		\$13,766.46
Revolving fund		\$71,763.26
		2,800.00
True balance August 1, 1907.....		\$74,563.26
From the United States Government—		
Grants made by the government approved March 2, 1861 and July 2, 1862, being interest on the bonds of vari- ous states in which the resulting funds are invested.....	\$57,063.82	
Interest on bank deposits.....	430.79	
United States treasurer Morrill bill, 1908-9.....	25,000.00	
United States treasurer Nelson bill, 1908-9.....	10,000.00	
Total from the United States government.....		\$92,494.61
From State Appropriations—		
23-100 of one mill revenue tax.....	\$221,229.27	
Direct additional appropriation.....	165,000.00	
Total from the state.....		\$386,229.27
State institutions fund interest.....		\$16,542.92

From the University—		
Students fees	\$139,948.83	
Dental infirmary	13,868.69	
Miscellaneous receipts, university.....	1,493.02	
School of agriculture, sales and fees.....	11,551.71	
Experiment station, sales.....	8,354.02	
Miscellaneous, farm	73.69	
Total from the university.....		\$175,289.96
Total receipts, year 1907-8.....		\$670,556.76
Total receipts including balance, August 1, 1907		\$745,120.02

DISBURSEMENTS.

	Pay Rolls.	Bills.	
August	\$12,326.17	\$3,179.80	
September	45,236.94	11,149.54	
October	49,082.97	16,437.68	
November	48,959.59	11,380.30	
December	49,225.05	19,897.05	
January	50,047.56	12,184.07	
February	52,031.27	11,316.09	
March	51,373.66	7,524.79	
April	50,539.42	9,828.14	
May	50,074.88	8,799.16	
June	49,363.35	9,806.64	
July	15,287.40	5,250.34	
Total	\$523,548.26	\$126,753.60	
Fees paid county treasurers by state auditor.....		\$139.44	
Hatch bill, first quarterly payment for year 1907-8. (Transferred August 1, 1907 to separate account)....		3,750.00	
Fuel		32,396.84	
Pay roll		523,548.26	
Total expenditures			\$686,588.14
Balance August 1, 1908.....			\$58,531.88

DISTRIBUTION OF BALANCE, AUGUST 1, 1908.

Morrill bill, year 1908-9.....		\$25,000.00
Nelson bill, year 1908-9.....		10,000.00
Revolving fund		2,800.00
State institutions fund, interest.....		16,542.92
23-100 of one mill revenue tax for year 1908-9.....		4,188.96
		\$58,531.88
Note.—23-100 of one mill tax paid after August 1, 1908...	\$26,709.51	\$58,531.88
University fees received after August 1, 1908.....	1,531.75	
Revolving fund	2,800.00	
	\$31,041.26	
June and July Bills, 1907-8, Paid after Aug. 1, 1907—		
June	\$8,707.63	
July	5,250.34	
Fuel	1,818.76	
	\$15,776.73	\$15,264.53
		\$43,267.35
Current expense auditor's balance, August 1, 1908.....	\$42,543.29	
Current expense auditor's balance, August 1, 1908, fuel fund	724.06	
	\$43,267.35	

CURRENT EXPENSES.

Summary of Disbursements by Department, Year 1906-1907.

	Salaries.	Bills.	Totals.
General University	\$41,299.75	\$16,498.62	\$57,798.37
Department of Botany	5,699.20	1,095.04	6,794.24

Department of Biology	7,500.00	2,082.92	9,583.92
School of Chemistry	17,135.00	8,183.79	25,318.79
Department of Physics	9,721.30	1,830.91	11,552.21
Department of English	8,985.00	118.14	9,103.14
Department of Greek	5,400.00	3.50	5,403.50
Department of Latin	8,800.00	.....	8,800.00
Department of German	8,350.00	13.98	8,363.98
Department of French	5,400.00	.25	5,400.25
Department of Scandinavian	2,000.00	11.80	2,011.80
Department of Mathematics	7,300.00	2.90	7,302.90
Department of Astronomy	2,300.00	15.40	2,315.40
Department of Political Science	8,855.00	34.85	8,869.85
Department of Geology	4,825.00	910.45	5,735.45
Department of Philosophy	4,912.50	42.43	4,954.93
Department of History	8,700.00	27.00	8,727.00
Department of Rhetoric	9,960.00	134.70	10,094.70
Department of Sociology	2,962.50	678.62	3,641.12
Department of Physical Culture—Men	2,894.99	108.60	2,973.59
Department of Physical Culture—Women	1,875.00	108.28	1,983.28
Department of Military Science	1,230.00	735.57	1,965.57
General Academic	3,288.74	148.58	3,437.32
College of Education	6,325.00	373.35	6,698.35
Total—Science, Literature and Art.....	\$182,668.98	\$33,160.68	\$215,829.66
General Engineering	\$8,629.61	\$179.07	\$8,808.68
Department of Electrical Engineering	6,250.00	2,969.95	9,219.95
Department of Mechanical Engineering	14,200.00	3,272.44	17,472.44
Department of Civil and Structural Engineering	6,500.00	490.38	6,990.38
Department of Drawing, Engineering	3,385.00	81.22	3,466.22
Total—Engineering Departments	\$38,964.61	\$6,992.06	\$45,957.67
School of Mines	\$6,340.00	\$4,352.96	\$10,692.96
Special appropriation (School of Mines Support	5,000.00	.....	5,000.00
Special appropriation (School of Mines Institute	4,500.00	.....	4,500.00
Total—School of Mines including special appropriations	\$15,840.00	\$4,352.96	\$20,192.96
College of Law	\$18,685.00	\$2,623.84	\$21,308.84
	Salaries.	Bills.	Totals.
General Medicine and Surgery.....	\$13,696.00	\$2,194.64	\$15,890.64
Department of Anatomy	4,300.00	1,335.18	5,635.18
Department of Bacteriology	6,993.21	2,182.23	9,085.44
Department of Physiology	5,267.00	2,347.91	7,614.91
Department of Histology	6,484.40	2,629.66	9,114.06
College of Dentistry	17,331.16	7,691.17	25,022.33
College of Pharmacy	4,991.00	874.04	5,775.04
College of Homeopathy	1,960.00	168.74	2,128.74
Free Dispensary	1,820.00	3,025.34	4,845.34
Total—Medical Departments	\$62,662.77	\$22,448.94	\$85,111.71
Total—University	\$318,821.36	\$69,579.48	\$388,400.84
School and Station	\$36,309.33	\$10,622.46	\$46,931.79
Division of Agriculture	14,483.66	5,108.72	19,592.38
Division of Animal Husbandry	7,350.34	7,990.79	15,341.13
Division of Farm Chemistry	7,480.82	1,665.61	9,146.43
Division of Dairy Husbandry	8,696.24	5,973.05	14,669.29
Division of Entomology	3,110.98	489.98	3,600.96
Division of Horticulture	8,889.04	972.84	9,861.88
Division of Veterinary	4,692.85	2,182.02	6,784.87
Total—Farm	\$90,923.26	\$35,005.47	\$125,928.73
Total—University and Farm	\$409,744.62	\$104,584.95	\$514,329.57
University current expense—salaries			\$318,821.36
University current expense—bills			69,579.48
Farm current expense—salaries			90,923.26
Farm current expense—bills			35,005.47
Grand total			\$514,329.57

CURRENT EXPENSE.

Summary of Disbursements by Departments, Year 1907-1908.

	Salaries.	Bills.	Totals.
General University	\$51,531.79	\$25,829.04	\$77,360.83
Department of Botany	6,465.00	3,512.21	9,977.21
Department of Biology	9,859.99	2,879.66	12,739.66
School of Chemistry	22,832.20	11,422.56	34,254.76
Department of Physics	13,210.00	1,698.29	14,908.29
Department of English	12,850.00	89.20	12,939.20
Department of Greek	6,300.00	67.81	6,367.81
Department of Latin	6,700.00	295.46	6,995.46
Department of German	9,975.00	13.44	9,988.44
Department of French	8,450.00	.....	8,450.00
Department of Scandinavian	4,200.00	187.09	4,387.09
Department of Mathematics	10,400.00	2.50	10,402.50
Department of Astronomy	3,225.00	46.13	3,271.13
Department of Political Science	12,075.00	924.41	12,999.41
Department of Geology	6,650.00	1,216.46	7,866.46
Department of Philosophy	8,225.00	1,098.37	9,323.37
Department of History	11,525.00	86.83	11,611.83
Department of Rhetoric	11,650.00	47.30	11,697.30
Department of Sociology	4,887.50	532.16	5,419.66
Department of Physical Culture—Men.....	4,000.04	1,028.96	5,029.00
Department of Physical Culture—Women...	2,050.00	116.19	2,166.19
Department of Military Science	1,416.00	291.30	1,707.30
General Academic	8,305.89	305.24	8,611.13
College of Education.....	8,710.00	841.76	9,551.76
Total—Science, Literature and Arts.....	\$245,483.42	\$52,532.37	\$298,015.79
General Engineering	\$17,882.50	\$1,179.99	\$19,062.49
Department of Electrical Engineering.....	8,060.00	2,155.76	10,215.76
Department of Mechanical Engineering.....	12,985.00	2,716.90	15,701.90
Department of Civil and Structural Engi- neering	8,500.00	301.49	8,801.49
Department of Drawing Engineering.....	5,000.00	52.70	5,052.70
Total Engineering Departments.....	\$52,427.50	\$6,406.84	\$58,834.34
School of Mines.....	\$10,320.00	\$5,257.99	\$15,577.99
Special appropriation (School of Mines Sup- port)	5,000.00	.....	5,000.00
Special appropriation (School of Mines In- struction)	4,500.00	.....	4,500.00
Total School of Mines including special appropriations	\$19,820.00	\$5,257.99	\$25,077.99
College of Law.....	\$23,670.00	\$1,477.99	\$25,147.99
	Pay Roll.	Bills.	Totals.
General Medicine and Surgery.....	\$20,881.00	\$4,945.04	\$25,826.04
Department of Anatomy	6,520.00	2,082.16	8,602.16
Department of Bacteriology	11,088.63	3,375.05	14,463.68
Department of Physiology	6,450.00	2,913.65	9,363.65
Department of Histology	9,427.92	3,487.31	12,915.26
College of Dentistry	25,440.00	1,868.73	26,308.73
College of Pharmacy	6,065.00	2,086.08	8,151.08
College of Homeopathy	2,460.00	390.10	2,850.10
Free Dispensary	160.00	5.50	165.50
Total Medical Departments.....	\$88,492.55	\$30,153.62	\$118,646.17
Total—University	\$420,393.47	\$95,828.81	\$516,222.28
School and Station	\$44,635.85	\$9,680.95	\$54,316.80
Division of Agriculture	17,853.04	5,235.47	23,088.51
Division of Animal Husbandry	7,158.55	5,555.19	12,713.74
Division of Farm Chemistry	7,654.16	1,331.43	9,035.59
Division of Dairy Husbandry	8,965.17	5,857.27	14,822.44
Division of Entomology	1,925.00	468.11	2,393.11
Division of Horticulture	11,368.09	1,199.28	12,567.37
Division of Veterinary	3,594.93	1,547.09	5,142.02
Total—Farm	\$103,154.79	\$30,921.79	\$134,076.58
Total, University and Farm.....	\$523,548.26	\$126,753.60	\$650,301.86
University current expense, salaries	\$420,393.47	.....	\$420,393.47
University current expense, bills .....	.....	95,828.81	95,828.81
Farm current expense, salaries	103,154.79	.....	103,154.79
Farm current expense, bills .....	.....	30,921.79	30,921.79
Grand total .....	.....	.....	650,301.86

CURRENT EXPENSE, YEAR 1906-1907.

Disbursements by Expense Lists.

	University		Farm	
	Pay Roll.	Bills.	Pay Roll.	Bills.
August	\$4,903.06		\$6,034.36	
September	28,330.58	\$1,758.61	6,436.68	\$2,446.97
October	28,761.75	8,863.20	3,243.82	3,127.47
November	28,708.28	5,631.21	9,209.72	4,280.39
December	28,718.83	9,203.80	8,382.42	5,058.73
January	28,945.18	5,630.09	8,565.35	3,073.89
February	29,203.14	7,494.36	8,557.14	1,369.88
March	31,341.01	4,513.94	8,633.06	2,127.93
April	31,107.69	8,157.85	6,593.44	4,211.88
May	32,030.89	5,400.15	6,738.65	2,914.33
June	31,432.43	5,206.49	6,963.94	1,699.53
July	5,838.52	4,719.78	6,559.68	4,694.47
	<u>\$309,321.36</u>	<u>69,579.48</u>	<u>\$90,923.26</u>	<u>\$35,005.47</u>
University, salaries			\$309,321.36	
University, bills		\$69,579.48		
University, fuel bills		20,152.79		
			<u>\$89,732.27</u>	
				<u>\$399,053.63</u>
Farm, salaries			\$90,923.26	
Farm, bills		\$35,005.47		
Farm, fuel bills		12,437.67		
			<u>\$47,443.14</u>	
				<u>\$138,366.40</u>
Total University and Farm pay roll and bills.....				<u>\$537,420.03</u>

CURRENT EXPENSE, YEAR 1907-1908.

Disbursements by Expense Lists.

	University		Farm	
	Pay Roll.	Bills.	Pay Roll.	Bills.
August	\$6,155.45	\$2,439.97	\$6,170.72	\$739.83
September	37,716.49	9,032.36	7,520.45	2,117.18
October	39,577.34	12,267.21	9,505.63	4,170.47
November	39,221.57	7,779.23	9,737.92	3,601.07
December	39,847.98	15,577.65	9,377.97	4,319.40
January	40,266.67	9,182.25	9,780.99	3,001.82
February	42,372.58	8,096.22	9,658.69	3,219.87
March	41,717.37	5,921.00	9,656.29	1,603.79
April	42,147.74	7,541.45	8,391.68	2,286.69
May	42,179.39	7,258.86	7,895.49	1,540.30
June	41,507.63	6,315.56	7,855.72	3,491.08
July	7,683.26	4,417.05	7,604.14	833.29
Totals	<u>\$420,393.47</u>	<u>\$95,828.81</u>	<u>\$103,154.79</u>	<u>\$30,924.79</u>
University, salaries			\$420,393.47	
University, bills		\$95,828.81		
University, fuel bills		18,144.30		
			<u>\$113,973.11</u>	
Total University pay roll and bills.....				<u>\$534,366.58</u>
Farm, salaries			\$103,154.79	
Farm, bills		\$30,924.79		
Farm, fuel bills		14,252.54		
			<u>\$45,177.33</u>	
Total Farm pay roll and bills.....				<u>\$148,332.12</u>
Total University and Farm pay roll and bills.....				<u>\$682,698.70</u>

CURRENT EXPENSE.

Statement of Receipts and Disbursements by Colleges for the Year Ending July

31, 1907.

	Receipts.	Disbursements.
General University	\$1,493.25	\$57,798.37
College of Science, Literature and the Arts.....	38,540.00	158,031.29
College of Engineering.....	23,637.00	45,957.67

School of Mines.....	4,463.00	10,692.96
School of Mines, special appropriations.....		9,500.00
College of Law.....	25,912.00	21,308.84
College of Medicine and Surgery.....	18,319.25	51,185.60
College of Dentistry.....	32,820.65	25,022.33
College of Pharmacy.....	3,766.90	5,775.04
College of Homeopathy.....	958.00	3,128.74
School of Agriculture.....	10,478.61	63,964.37
Experiment Station.....	8,818.22	62,964.36
Totals.....	\$169,206.88	\$514,329.57

CURRENT EXPENSE.

Statement of Receipts and Disbursements by Colleges for the Year Ending July 31, 1908.

	Receipts.	Disbursements.
General University.....	\$1,393.02	\$77,360.83
College of Science, Literature and the Arts.....	42,390.08	20,654.96
College of Engineering.....	22,344.75	58,834.31
School of Mines.....	4,526.50	15,577.99
School of Mines, special appropriations.....		9,500.00
College of Law.....	25,324.00	25,147.99
College of Medicine and Surgery.....	16,546.75	71,336.26
College of Homeopathy.....	391.25	2,850.10
College of Dentistry.....	38,051.69	36,308.73
College of Pharmacy.....	4,342.50	8,151.08
School of Agriculture.....	11,588.56	67,039.79
Experiment Station.....	8,390.86	67,039.79
Totals.....	\$175,289.96	\$650,301.86

CURRENT EXPENSE.

Distribution of Accounts, 1906-1907.

	University.	Farm.
Wages of employes.....	\$842.89	\$284.60
Fuel, light and water.....	5,378.01	428.11
Freight and express.....	2,507.12	701.88
Postage.....	1,601.25	1,173.78
Library.....	4,749.34	198.07
Stationery and printing.....	7,098.39	1,911.42
Furniture and fixtures.....	1,285.02	389.85
Scientific apparatus and instruments.....	1,633.48	312.68
Building equipment.....	3,506.73	3,696.87
Live stock.....	124.00	1,701.94
Tools, implements and machinery.....	229.15	1,016.91
Feed.....	1,249.79	7,221.01
Seeds and plants.....	186.34	377.76
Supplies for instruction and illustration.....	30,236.97	9,636.42
Repairs.....	1,392.82	1,636.91
Traveling expenses.....	1,150.95	1,090.63
Petty bills.....	827.14	183.13
Taxes, rents and ads.....	2,815.97	1,456.76
Publications.....	408.40	576.90
Contingent expenses.....	1,946.51	1,009.84
Museum.....	409.21	
Total fuel bills.....	\$69,579.48	\$35,005.47
Total bills.....	20,152.79	12,437.67
Total salaries.....	\$89,732.27	\$47,443.14
Total.....	318,821.36	90,923.26

THE TWO STATEMENTS ABOVE COMBINED.

Salaries—Total.....		\$409,744.62
Wages of employes.....	\$1,127.49	
Fuel, light and water.....	5,806.12	
Freight and express.....	3,209.00	
Postage.....	2,775.03	
Library.....	4,947.41	
Stationery and printing.....	9,009.81	
Furniture and fixtures.....	1,674.87	
Scientific apparatus and instruments.....	1,946.16	
Building equipment.....	7,203.60	
Live stock.....	1,825.94	

Tools, implements and machinery.....		
Feed	1,246.06	
Seeds and plants.....	8,470.80	
Supplies for instruction and illustration.....	564.10	
Repairs.....	39,873.39	
Traveling expenses.....	3,029.73	
Petty bills.....	2,211.58	
Taxes, rents and ads.....	1,010.27	
Publications.....	4,272.73	
Contingent expenses.....	985.30	
Museum.....	2,956.35	
	499.21	
Total bills for supplies.....		
Fuel bills.....	\$104,581.95	
	32,590.46	
Total.....		
		\$137,175.41
Grand total, University and Farm, including fuel bills.....		\$516,920.03

CURRENT EXPENSE.
Distribution of Accounts, Year 1907-1908.

	University.	Farm.
Wages of employes.....		
Fuel, light and water.....	\$874.46	\$310.62
Freight and express.....	7,983.61	128.02
Postage.....	2,862.27	913.62
Library.....	2,112.00	852.00
Stationery and printing.....	8,387.66	760.56
Furniture and fixtures.....	8,954.61	2,471.74
Scientific apparatus and instruments.....	2,639.83	927.65
Equipment of building.....	5,887.33	372.85
Live stock.....	2,391.66	1,134.41
Tools, implements and machinery.....		145.00
Feed.....	686.82	1,527.76
Seeds and plants.....	458.40	7,981.30
Supplies for instruction and illustration.....	375.22	303.92
Repairs.....	41,289.77	9,486.26
Traveling expenses.....	1,059.08	513.39
Petty supplies.....	1,290.00	1,184.60
Museum.....	826.00	153.37
Taxes, rents and ads.....	417.37	
Publications.....	3,505.29	573.53
Contingent expense.....	269.94	32.75
	3,655.89	1,151.44
Total fuel bills.....	\$95,828.81	\$30,924.79
	18,144.30	14,252.54
Total bills.....		
Total salaries.....	\$113,973.11	\$15,177.33
	\$120,393.47	\$103,154.79

THE TWO STATEMENTS ABOVE COMBINED.

Salaries - Total.....		\$523,548.26
Wages of employes.....	81,185.08	
Fuel, light and water.....	8,111.63	
Freight and express.....	3,775.89	
Postage.....	2,961.00	
Library.....	5,148.22	
Stationery and printing.....	11,426.35	
Furniture and fixtures.....	3,567.48	
Scientific apparatus and instruments.....	6,260.78	
Equipment of building.....	3,526.07	
Live stock.....	145.00	
Tools, implements and machinery.....	2,214.58	
Feed.....	8,439.70	
Seeds and plants.....	679.14	
Supplies for instruction and illustration.....	50,767.03	
Repairs.....	1,572.47	
Traveling expenses.....	2,384.60	
Petty supplies.....	979.37	
Museum.....	417.37	
Taxes, rents and ads.....	4,078.82	
Publications.....	302.69	
Contingent expenses.....	4,807.33	
Total bills for supplies.....	\$126,753.66	
Total fuel bills.....	32,396.84	
Total bills.....		\$159,150.44
Grand total, University and Farm, including fuel bills.....		\$682,698.70

UNIVERSITY CAMPUS EXTENSION FUND.

Year 1907-8, Ending August 1, 1908.

RECEIPTS.

From sale of certificates of indebtedness.....	\$150,000.00
Interest	487.50
Sale of house	<u>1,000.00</u>
Total receipts	\$151,487.50

EXPENDITURES.

Land purchased by condemnation.....	\$145,568.95
Land purchased by agreement	80,428.25
Printing, advertising, etc	1,146.94
Attorney's fees	1,500.00
Services of Appraisers and Commissioners	1,936.25
Interest on certificates of indebtedness	5,625.00
Traveling expenses advanced to engineering building committee	500.00
Prizes awarded for two best plans	1,500.00
Survey of campus and plans	632.89
Miscellaneous expenses	<u>123.27</u>
Total expenditures	\$238,961.55
Auditor's balance, August 1, 1908.....	<u>\$212,525.95</u>

LANDS SCHOOL OF AGRICULTURE.

Appropriation, year 1908	\$50,000.00
Appropriation, year 1909	<u>26,000.00</u>
Total	\$76,000.00
Purchased from Annie L. Hendrickson, one hundred forty-six and 3/4 acres of land in Section 21, Township 29, Range 23 for.....	\$72,761.33
Balance August 1, 1908.....	<u>\$3,238.67</u>

UNIVERSITY CAMPUS EXTENSION FUND CERTIFICATE PRINCIPAL AND INTEREST.

Certificate No.	Interest.	Principal.	Due.	Fund From Which to Be Drawn.	To Whom to Be Made Payable.
1 to 8, inclusive.....	\$2,250.00	.....	Jan. 10, 1908.	Campus Fund.....	Minn. L. & T. Co.
9	1,125.00	.....	Mar. 19, 1908.	Campus Fund.....	State of Minnesota.
1 to 8, inclusive.....	2,250.00	.....	July 10, 1908.	Campus Fund.....	Minn. L. & T. Co.
1 and 2.....	.....	\$25,000.00	July 10, 1908.	Tax Fund.....	Minn. L. & T. Co.
10 to 69, inclusive.....	9,000.00	.....	Aug. 1, 1908.	Campus Fund.....	Minn. L. & T. Co.
9	1,125.00	.....	Sept. 19, 1908.	Campus Fund.....	State of Minnesota.
3 to 8, inclusive.....	1,687.50	.....	Jan. 10, 1909.	Campus Fund.....	Minn. L. & T. Co.
10 to 69, inclusive.....	6,750.00	.....	Feb. 1, 1909.	Campus Fund.....	Minn. L. & T. Co.
9	1,125.00	.....	Mar. 19, 1909.	Campus Fund.....	State of Minnesota.
3 to 8, inclusive.....	1,687.50	.....	July 10, 1909.	Campus Fund.....	Minn. L. & T. Co.
3 and 4.....	.....	25,000.00	July 10, 1909.	Tax Fund.....	Minn. L. & T. Co.
10 to 69, inclusive.....	6,750.00	.....	Aug. 1, 1909.	Campus Fund.....	Minn. L. & T. Co.
10 to 29, inclusive.....	.....	100,000.00	Aug. 1, 1909.	Tax Fund.....	Minn. L. & T. Co.
9	1,125.00	.....	Sept. 19, 1909.	Campus Fund.....	State of Minnesota.
9 .....	.....	50,000.00	Sept. 19, 1909.	Tax Fund.....	State of Minnesota.
5 to 8, inclusive.....	1,125.00	.....	Jan. 10, 1910.	Campus Fund.....	Minn. L. & T. Co.
30 to 69, inclusive.....	4,500.00	.....	Feb. 1, 1910.	Campus Fund.....	Minn. L. & T. Co.
5 to 8, inclusive.....	1,125.00	.....	July 10, 1910.	Campus Fund.....	Minn. L. & T. Co.
5 and 6.....	.....	25,000.00	July 10, 1910.	Tax Fund.....	Minn. L. & T. Co.
30 to 69, inclusive.....	4,500.00	.....	Aug. 1, 1910.	Campus Fund.....	Minn. L. & T. Co.
30 to 49, inclusive.....	.....	100,000.00	Aug. 1, 1910.	Tax Fund.....	Minn. L. & T. Co.
7 and 8, inclusive.....	562.50	.....	Jan. 10, 1911.	Campus Fund.....	Minn. L. & T. Co.
50 to 69, inclusive.....	2,250.00	.....	Feb. 1, 1911.	Campus Fund.....	Minn. L. & T. Co.
7 and 8.....	562.50	.....	July 10, 1911.	Campus Fund.....	Minn. L. & T. Co.
7 and 8.....	.....	25,000.00	July 10, 1911.	Tax Fund.....	Minn. L. & T. Co.
50 to 69, inclusive.....	2,250.00	.....	Aug. 1, 1911.	Campus Fund.....	Minn. L. & T. Co.
50 to 69, inclusive.....	.....	100,000.00	Aug. 1, 1911.	Tax Fund.....	Minn. L. & T. Co.
	\$51,750.00	\$450,000.00			

SPECIAL APPROPRIATIONS, YEAR 1906-1907.

REPAIRS, UNIVERSITY.

Balance August 1, 1908.....	\$1,002.02	
New appropriation for year 1906-7.....	5,666.67	
New appropriation for year 1907-8.....	10,000.00	
Receipts, February 29, 1908.....	4.28	
	<hr/>	
Total receipts		\$20,672.97
Expended during year 1906-7.....	\$7,823.29	
Expended during year 1907-8.....	12,503.63	
	<hr/>	
Total expenditures		20,326.92
		<hr/>
Balance July 31, 1908.....		\$346.05

REPAIRS, FARM.

Balance August 1, 1906.....	\$643.91	
New appropriation for year 1906-7.....	3,333.33	
New appropriation for year 1907-8.....	5,000.00	
	<hr/>	
Total receipts		\$8,377.24
Expended during year 1906-7.....	\$3,110.53	
Expended during year 1907-8.....	4,212.65	
	<hr/>	
Total expenditures		7,323.18
		<hr/>
Balance July 31, 1908.....		\$1,654.06

UNIVERSITY CAMPUS IMPROVEMENT.

Balance August 1, 1906.....	\$369.83	
New appropriation for year 1906-7.....	4,000.00	
New appropriation for year 1907-8.....	3,000.00	
Transferred from University main building fund.....	697.68	
	<hr/>	
Total receipts		\$8,067.51
Expended during year 1906-7.....	\$4,346.49	
Expended during year 1907-8.....	3,527.60	
	<hr/>	
Total expenditures		7,874.09
		<hr/>
Balance July 31, 1908.....		\$193.42

CAMPUS REPAIRS, SCHOOL OF AGRICULTURE.

Balance August 1, 1906.....	\$247.23	
New appropriation for year 1906-7.....	500.00	
New appropriation for year 1907-8.....	500.00	
	<hr/>	
Total receipts		\$1,247.23
Expended during year 1906-7.....	\$455.87	
Expended during year 1907-8.....	787.01	
	<hr/>	
Total expenditures		81,242.88
		<hr/>
Balance July 31, 1908.....		\$4.35

LIBRARY.

Balance August 1, 1906.....	\$2,590.09	
New appropriation for year 1906-7.....	5,000.00	
New appropriation for year 1907-8.....	10,000.00	
	<hr/>	
Total receipts		\$17,590.09
Expended during year 1906-7.....	\$6,097.77	
Expended during year 1907-8.....	7,854.12	
	<hr/>	
Total expenditures		13,351.89
		<hr/>
Balance July 31, 1908.....		\$3,638.20

UNIVERSITY PERIODICALS.

Balance August 1, 1906.....	\$171.99	
New appropriation for year 1906-7.....	1,500.00	
New appropriation for year 1907-8.....	2,000.00	
<hr/>		
Total receipts		
Expended during year 1906-7.....	\$954.88	\$3,671.99
Expended during year 1907-8.....	2,392.14	
<hr/>		
Total expenditures		3,347.02
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Balance July 31, 1908.....		\$324.97

CATALOGING LIBRARY.

New appropriation for year 1907-8.....	\$2,500.00	
Expenditures during year 1907-8.....	2,406.62	
<hr/>		
Balance July 31, 1908.....		\$93.38

LAW LIBRARY.

New appropriation for year 1907-8.....	\$5,000.00	
Expended during the year 1907-8.....	2,497.48	
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Balance July 31, 1908.....		\$2,502.52

HATCH FUND, SCHOOL OF AGRICULTURE.

Received from the United States government for year 1907-8, four quarterly payments of \$3,750 each.....	\$15,000.00	
Expenditures during the year 1907-8.....	13,421.45	
<hr/>		
Balance July 31, 1908.....		\$1,578.55

ADAMS FUND, SCHOOL OF AGRICULTURE.

Received from the United States government in four quarterly payments of each \$2,250, less \$356.92 unexpended balance of previous year.....	\$3,643.08	
Expenditures during the year 1907-8.....	8,450.82	
<hr/>		
Balance July 31, 1908.....		\$192.26

RENTS, UNIVERSITY CAMPUS BUILDINGS.

Received during the year 1907-8.....	\$2,014.03	
Expenditures during the year 1907-8.....	955.85	
<hr/>		
Balance July 31, 1908.....		\$1,058.18

TAXES, UNIVERSITY CAMPUS EXTENSION.

March receipts, year 1908.....	\$27,495.34	
April receipts, year 1908.....	9,005.92	
June receipts, year 1908.....	47,055.02	
July receipts, year 1908.....	30,964.20	
<hr/>		
Total receipts		
Redeemed Board of Regents' certificates of indebtedness, Nos. 1 and 2, issued for campus extension.....	\$25,000.00	
<hr/>		
Balance July 31, 1908.....		\$89,520.48

WATER MAINS, UNIVERSITY.

New appropriation available August 1, 1907.....	\$5,500.00	
Expended during the year 1907-8.....	4,330.95	
<hr/>		
Balance July 31, 1908.....		\$1,169.05

SEWERS, SCHOOL OF AGRICULTURE.

Appropriation available August 1, 1907.....	\$12,000.00	
Expenditures during the year 1907-8.....	11,579.96	
<hr/>		
Balance July 31, 1908.....		\$420.04

MILITARY INSTRUCTION SCHOOL OF AGRICULTURE.

Appropriation for year 1907-8.....	\$6,000.00	
Expended during the year 1907-8.....	3,665.27	
Balance July 31, 1908.....		\$2,334.73

UNIVERSITY MAIN BUILDING.

Balance August 1, 1906.....	\$189,255.85	
New appropriation	150,000.00	
Total receipts	\$339,255.85	

Expended during year 1906-7.....	\$220,996.83	
Expended during year 1907-8.....	117,460.43	
Total expenditures	\$338,457.26	

Balance	\$798.59	
Balance transferred to University main building equipment fund	798.59	

UNIVERSITY MAIN BUILDING EQUIPMENT.

Balance August 1, 1906.....	\$38,456.00	
Transferred from University main building fund.....	798.59	
Total receipts	\$39,254.59	

Expended during year 1906-7.....	\$12,636.03	
Expended during year 1907-8.....	24,466.82	
Total expenditures	\$37,102.85	

Balance July 31, 1908.....	\$2,151.74	
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BACTERIOLOGICAL LABORATORY.

Balance August 1, 1906.....	\$31,550.53	
Expended during year 1906-7.....	\$28,176.11	
Expended during year 1907-8.....	3,374.42	
Total expenditures	31,550.53	

BACTERIOLOGICAL LABORATORY EQUIPMENT.

Balance August 1, 1906.....	\$24,820.26	
Transferred from bacteriological laboratory building fund...	270.22	
Total receipts	\$25,090.48	

Expended during year 1906-7.....	\$18,408.80	
Expended during year 1907-8.....	6,356.98	
Total expenditures	24,765.78	

Balance July 31, 1908.....	\$324.70	
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AGRICULTURAL COLLEGE BUILDINGS.

Balance August 1, 1906.....	\$180,838.34	
Receipts for year 1906-7.....	3,814.34	
Total receipts	\$184,652.68	

Expended during year 1906-7.....	\$114,792.97	
Transferred to board of regents, school of agriculture land funds	2,475.97	
Transferred to school of agriculture main building equipment fund	3,042.66	
Expended during year 1907-8.....	54,341.08	
Total expenditures	\$184,652.68	

SCHOOL OF AGRICULTURE MAIN BUILDING EQUIPMENT.

Balance August 1, 1906.....	\$42,429.35	
Transferred from building fund.....	3,042.66	
Total receipts	\$45,472.01	

Expended during year 1906-7.....	\$15,114.12	
Expended during year 1907-8.....	28,500.96	
Total expenditures	43,615.08	

Balance July 31, 1908.....	\$1,856.93	
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LANDS SCHOOL OF AGRICULTURE.

New appropriation August 1, 1907.....	\$50,000.00	
New appropriation available August 1, 1908.....	26,000.00	
Total receipts		\$76,000.00
Expenditures during year 1907-8.....		72,761.33
Balance August 1, 1908.....		<u>\$3,238.67</u>

BOARD OF REGENTS SCHOOL OF AGRICULTURE LANDS.

Receipts from sale of lots in Regents Addition.....	\$2,925.97	
Expended during year 1906-7.....	8.00	
Balance July 31, 1908.....		<u>\$2,917.97</u>

FIRE LOSS MAIN BUILDING—CONTENTS.

Balance August 1, 1906.....		\$589.36
Expended during year 1906-7.....	\$198.23	
Expended during year 1907-8.....	391.13	
Total expenditures		<u>589.36</u>

FIRE LOSS MECHANIC ARTS BUILDING—BUILDING.

Balance August 1, 1906.....	\$4.94	
Expenditures during years 1906-7 and 1907-8.....		
Balance July 31, 1908.....		\$4.94
Cancelled by State Auditor August 1, 1908.....		<u>4.94</u>

FIRE LOSS MECHANIC ARTS BUILDING—CONTENTS.

Balance August 1, 1906.....	\$72.09	
Expenditures during years 1906-7 and 1907-8.....		
Balance July 31, 1908.....		<u>\$72.09</u>

MEDICAL BUILDING INSURANCE.

Balance August 1, 1906.....	\$403.92	
Expenditures during years 1906-7 and 1907-8.....		
Balance July 31, 1908.....		<u>\$403.92</u>

ANATOMY BUILDING INSURANCE.

Balance August 1, 1906.....	\$357.32	
Expenditures during year 1906-7.....		<u>357.32</u>

FIRE LOSS BARN SCHOOL OF AGRICULTURE.

Insurance receipts during year 1906-7.....	\$287.00	
Expended during year 1906-7.....	278.25	
Balance July 31, 1908.....		<u>\$8.75</u>

STATE UNIVERSITY ENTOMOLOGIST.

New appropriation for year 1907-8.....	\$2,000.00	
Expended during year 1907-8.....	1,987.88	
Balance July 31, 1908.....		<u>\$12.12</u>

DAIRY BARN, SCHOOL OF AGRICULTURE.

Appropriation available August 1, 1907.....	\$15,000.00	
Expended during year 1907-8.....	12,607.44	
Balance July 31, 1908.....		<u>\$2,392.56</u>

HEATING PLANT AND HALL, SCHOOL OF AGRICULTURE.

Appropriation available August 1, 1907.....	\$22,000.00	
Receipts	149.55	
Total receipts	<u>\$22,149.55</u>	
Expended during year 1907-8.....	20,952.66	
Balance July 31, 1908.....		<u>\$1,196.89</u>

HORTICULTURAL CROPS SCHOOL OF AGRICULTURE.

Appropriation for year 1907-8.....	\$1,000.00	
Expended during year 1907-8.....	461.23	
Balance July 31, 1908.....		\$538.77

PLANT BREEDING, SCHOOL OF AGRICULTURE.

Balance August 1, 1906	\$1,741.27	
New appropriation for year 1906-7.....	4,000.00	
New appropriation for year 1907-8.....	3,500.00	
Total receipts		\$9,241.27
Expended during year 1906-7.....	\$3,799.86	
Expended during year 1907-8.....	4,184.98	
Total expenditures		7,984.84
Balance July 31, 1908		\$1,256.43

WATER TOWER AND TANK, SCHOOL OF AGRICULTURE.

Balance August 1, 1906.....	\$5,500.00	
Expended during the year 1906-7.....	4,559.96	
Balance July 31, 1908.....		\$940.04

REEL AND HOSE, SCHOOL OF AGRICULTURE.

Balance August 1, 1906.....	\$445.00	
Expended during year 1906-7.....	441.80	
Balance July 31, 1908.....	\$3.20	
Cancelled by state auditor August 1, 1908.....	3.20	

SOIL INVESTIGATION, SCHOOL OF AGRICULTURE.

Balance August 1, 1906.....	\$249.36	
New appropriation for year 1906-7.....	1,000.00	
New appropriation for year 1907-8.....	1,000.00	
Total receipts		\$2,249.36
Expended during year 1906-7.....	\$1,160.88	
Expended during year 1907-8.....	472.36	
Total expenditures		\$1,633.24
Balance July 31, 1908.....		\$616.12

LIVE STOCK, SCHOOL OF AGRICULTURE.

Balance August 1, 1906.....	\$1,733.20	
New appropriation for year 1906-7.....	4,500.00	
Receipts year 1906-7	458.89	
New appropriations for year 1907-8.....	4,500.00	
Receipts year 1907-8	20.84	
Total receipts		\$11,212.93
Expended during year 1906-7.....	\$4,752.26	
Expended during year 1907-8.....	3,981.85	
Total expenditures		8,734.11
Balance July 31, 1908		\$2,478.82

INSECTARY, SCHOOL OF AGRICULTURE.

New appropriation August 1, 1906.....	\$2,500.00	
Expended during year 1906-7.....	2,479.02	
Balance July 31, 1908.....	\$20.98	
Cancelled by state auditor August 1, 1908.....	20.98	

MACHINERY, SCHOOL OF MINES.

Balance August 1, 1906.....	\$169.34	
New appropriation for year 1906-7.....	2,000.00	
	<hr/>	\$2,169.31
Total receipts		
Expended during year 1906-7.....	\$1,810.38	
Expended during year 1907-8.....	96.60	
	<hr/>	\$1,906.98
Total expenditures		
Balance July 31, 1908		\$262.36

SCHOOL OF MINES SUPPORT.

Appropriation for year 1906-7.....	\$5,000.00	
Appropriation for year 1907-8.....	5,000.00	
	<hr/>	\$10,000.00
Total receipts		
Expended during year 1906-7.....	\$5,000.00	
Expended during year 1907-8.....	5,000.00	
	<hr/>	\$10,000.00
Total expenditures		

SCHOOL OF MINES INSTRUCTIONS.

Appropriations for year 1906-7.....	\$4,500.00	
Appropriations for year 1907-8.....	4,500.00	
	<hr/>	\$9,000.00
Total receipts		
Expended during year 1906-7	\$4,500.00	
Expended during year 1907-8.....	4,500.00	
	<hr/>	\$9,000.00
Total expenditures		

KITCHEN, SCHOOL OF AGRICULTURE.

New appropriation August 1, 1906.....	\$10,000.00	
Receipts	35.20	
	<hr/>	\$10,035.20
Total receipts		
Expended during year 1906-7.....		10,035.20

ANIMAL HOUSE PHYSIOLOGY.

Balance August 1, 1906.....	\$2,500.00	
Expenditures during years 1906-7 and 1907-8.....		
	<hr/>	\$2,500.00
Balance July 31, 1908		

ENGINEERING DEPARTMENT.

Balance August 1, 1906		\$8,557.69
Expended during year 1906-7	\$7,869.93	
Expended during year 1907-8.....	622.74	
	<hr/>	\$8,492.67
Total expenditures		
Balance July 31, 1908		\$65.02

AGRICULTURAL CHEMISTRY BUILDING AND EQUIPMENT.

Balance August 1, 1906	\$14.96	
Expended during year 1907-8.....	14.85	
	<hr/>	\$0.11
Balance July 31, 1908 .....		.11
Cancelled by state auditor August 1, 1908.....		

MACHINERY BUILDING.

Balance August 1, 1906.....	\$284.66	
Expended during years 1906-7 and 1907-8.....		
	<hr/>	\$284.66
Balance July 31, 1908		

BOYS' DORMITORY FARM.

Balance August 1, 1906	\$8.98	
Expenditures during years 1906-7 and 1907-8.....		
	<hr/>	\$8.98
Balance July 31, 1908		\$8.98
Cancelled by state auditor August 1, 1908.....		

FRUIT BREEDING FARM.

Receipts.

Appropriation year 1907	\$16,000.00
Appropriation available for maintenance August 1, 1908	2,000.00
Total	\$18,000.00

Expenditures.

Land	\$8,185.05	
House and cellar	3,543.37	
Salaries and wages	1,473.06	
Farm implements	342.86	
Live stock	225.00	
Feed	234.39	
Trees, plants and seeds	487.76	
Fuel	22.05	
Survey	39.50	
Lumber	397.49	
Miscellaneous expense	232.22	
Total expenditures		\$15,182.75
Balance August 1, 1908		\$2,817.25

CROOKSTON SUPPORT.

Balance August 1, 1906	\$1,607.87	
New appropriation for year 1906-7	8,000.00	
Receipts during year 1906-7	1,456.29	
New appropriation for year 1907-8	8,000.00	
Receipts during year 1907-8	3,489.18	
Total receipts		\$22,553.34
Expended during year 1906-7	\$10,277.50	
Expended during year 1907-8	9,744.22	
Total expenditures		\$20,021.72
Balance July 31, 1908		\$2,531.62

CROOKSTON SCHOOL BUILDING EQUIPMENT.

Balance August 1, 1906		\$1,362.73
Expended during year 1906-7	\$1,095.33	
Expended during year 1907-8	46.24	
Total expenditures		1,141.57
Balance July 31, 1908		\$221.16

CROOKSTON NEW DWELLING HOUSE, SHED AND BARN.

New appropriation for year 1906	\$5,000.00	
New appropriation for year 1907	1,000.00	
Total receipts		\$6,000.00
Expended during year 1906-7	\$25.00	
Expended during year 1907	5,975.00	
Total expenditures		6,000.00

CROOKSTON DRAINAGE.

Balance August 1, 1906		\$7,695.34
Expended during year 1906-7	\$1,871.85	
Expended during year 1907-8	4,959.40	
Total expenditures		6,831.25
Balance July 31, 1908		\$864.09

CROOKSTON STOCK.

Balance August 1, 1906		\$302.10
Expended during year 1906-7		302.10

CROOKSTON AGRICULTURAL SCHOOL SUPPORT.

Appropriation for year 1907-8.....	\$4,000.00	
Receipts	229.68	
		<hr/>
Total receipts		\$4,229.68
Expended during year 1907-8.....		3,685.42
		<hr/>
Balance July 31, 1908		\$594.26

CROOKSTON AGRICULTURAL SCHOOL DORMITORY AND EQUIPMENT.

Appropriation available August 1, 1907.....	\$50,000.00	
Expended during year 1907-8.....	34,732.95	
		<hr/>
Balance July 31, 1908		\$15,267.05

GRAND RAPIDS SUPPORT.

Balance August 1, 1906	\$1,831.54	
New appropriation for year 1906-7.....	4,000.00	
Substation receipts year 1906-7	1,146.88	
New appropriation for year 1907-8.....	5,000.00	
Substation receipts for year 1907-8.....	2,614.22	
		<hr/>
Total receipts		\$14,592.64
Expended during year 1906-7.....	\$6,418.57	
Expended during year 1907-8.....	7,298.21	
		<hr/>
Total expenditures		13,716.78
		<hr/>
Balance July 31, 1908		\$875.86

GRAND RAPIDS DAIRY BUILDING.

Balance August 1, 1906	\$56.30	
New appropriation for year 1906-7.....	3,000.00	
		<hr/>
Total receipts		\$3,056.30
Expended during year 1906-7		2,992.73
		<hr/>
Balance July 31, 1908		\$63.57

ITASCA STATE PARK.

New appropriation available August 1, 1907.....	\$2,000.00	
Expended during year 1907-8.....	1,523.47	
		<hr/>
Balance July 31, 1908		\$476.53

OFFICERS' BAND CORPS.

Balance August 1, 1906.....	\$30.37	
Expended during year 1906-7.....	30.37	
		<hr/>

VETERINARY AND LIVE STOCK BUILDING.

Balance August 1, 1906		\$196.77
Expended during year 1906-7.....	\$93.90	
Expended during year 1907-8.....	102.87	
		<hr/>
Total expenditures		196.77

NEW PLANT BUILDING—BOTANY.

Balance August 1, 1906.....		\$9,576.11
Expended during year 1906-7.....	\$9,403.02	
Transferred to Plant building equipment.....	172.00	
		<hr/>
Total expenditures		9,575.02
		<hr/>
Balance July 31, 1908.....		\$1.09
Cancelled by state auditor August 1, 1908.....		1.09

NEW PLANT BUILDING EQUIPMENT—BOTANY.

Balance August 1, 1906	\$250.00	
Transferred from building fund	172.00	
		<hr/>
Total receipts		\$422.00
Expended during year 1906-7.....		422.00

POWER HOUSE UNIVERSITY BUILDING.

Balance August 1, 1906.....	\$19,711.77	
Transferred from engineering department fund.....	119.21	
Total receipts		\$19,830.98
Expended during year 1906-7.....	\$14,970.04	
Expended during year 1907-8.....	4,860.94	
Total expenditures		\$19,830.98

JOHN LUNDGREN CLAIM.

New appropriation year 1907		\$318.00
Expended during year 1907.....	318.00	

ELLIOTT HOSPITAL BUILDING FUND.

April 8, 1907, gift from the Elliott estate.....	\$113,000.00	
Interest to August 1, 1908.....	2,811.83	
Total receipts		\$115,811.83
Expended May 14, 1908, architect's services.....	500.00	
Balance August 1, 1908		\$115,311.83

ELLIOTT HOSPITAL SITE.

Subscriptions year 1907-8.....	\$37,500.00	
Interest to August 1, 1908	\$739.23	
Total receipts		\$38,239.23
Expended for land, new campus, purchased by condemnation	35,517.70	
Balance August 1, 1908		\$2,721.53

THE GEOLOGICAL AND NATURAL HISTORY SURVEY.

**FINANCIAL STATEMENT FOR THE BIENNIAL PERIOD COMMENCING
AUGUST 1, 1906, AND ENDING JULY 31, 1908.
FOR THE YEAR ENDING JULY 31, 1907.**

RECEIPTS.

Balance on hand August 1, 1906.....		\$33,339.43
May 13. To sale of books on forestry (experiment station)	\$237.08	
May 13. To sale of geological survey reports (library).....	21.00	
July 17. To sale of books on forestry (station).....	7.25	
		265.33
Total receipts		\$33,604.76

DISBURSEMENTS.

August expense list.....	\$841.75	
September expense list.....	255.54	
October expense list.....	784.92	
November expense list.....	479.13	
December expense list.....	239.78	
January expense list.....	290.59	
February expense list.....	349.07	
March expense list.....	800.08	
April and May expense list.....	294.17	
June expense list.....	166.00	
July expense list.....	493.97	
		5,045.00
Balance July 31, 1907.....		\$28,559.76

FOR THE YEAR COMMENCING AUGUST 1, 1907, AND ENDING JULY 31, 1908.

RECEIPTS.

1907.	Balance on hand August 1, 1907.....		\$28,559.76
Sept. 4.	To sale of survey report, general library.....	\$18.00	
Sept. 4.	To refund, transfer from soil inspection fund.....	8.58	
Sept. 4.	To Edward T., Oliver T., and Hilda Thorson, balance due on contract.....	1,728.16	
Sept. 4.	To St. Anthony Falls Bank, interest on daily balances	14.36	
Nov. 23.	To Ella M. Cook, interest and penalty on land sale	68.77	
Dec. 31.	To sale of survey reports, general library.....	12.15	

1908.		
Mar. 17.	To sale of reports, Clements	22.00
April 20.	To sale of books, Clements	12.00
May 26.	To sale of books, Clements	10.20
July 3.	To sale of reports, Clements	28.40
July 8.	To sale of survey reports, general library.....	13.85
		1,936.47
	Total receipts	\$30,196.22

DISBURSEMENTS.

August expense list.....	\$378.00	
September expense list.....	628.63	
October expense list.....	694.97	
November expense list.....	981.30	
December expense list.....	340.22	
January expense list.....	660.34	
February expense list.....	570.14	
March expense list.....	500.73	
April expense list.....	445.85	
May expense list.....	851.93	
June expense list.....	1,037.31	
	7,089.42	
	Balance July 31, 1908.....	\$23,406.81

Note: The following amounts are still outstanding on contracts, besides interest on same.

Severt Johnson	\$95.20	
Henry Olson	294.00	
R. Meder	170.00	
Frank E. Millard.....	265.00	
Ella M. Cook.....	960.00	
E. A. Smith.....	534.00	
	\$2,318.20	

TRUST FUNDS.

THE GILFILLAN TRUST FUND.

This is a fund of \$50,000, the gift of the Hon. John B. Gilfillan of Minneapolis, to the University of Minnesota, the income of which shall be at the disposal of its Board of Regents, either in the form of a **gift** or of a **temporary loan** to the young men and women of Minnesota: They must be of good moral character, of temperate and industrious habits, and evince a taste and aptitude for study to entitle them to the benefits of this fund.

The fund is invested in 4 per cent "Sioux R. R. bonds," the income of which is \$2,000 per annum, payable semi-annually. This income is loaned to students in amounts not exceeding \$200 to any one person, annually at 5 per cent.

Commencing in February, 1902, 130 students have received aid from this fund, of which 28 were women and 102 were men.

Down to the close of the fiscal year 1906:

- 19 persons have paid their loans in full,—both principal and interest.
- 18 persons have paid nothing,—neither principal nor interest.
- 24 persons have paid in full the interest due.
- 7 persons have paid interest in full and a part of the principal.
- 18 persons have paid trifling sums.
- 2 persons have received gifts.

—
88 persons are included in the above classification.

The first interest will be due during the present year on loans made in 1906-7, so that it is too early to report on loans made since 1906.

AMOUNTS LOANED TO STUDENTS AND RECEIVED FROM STUDENTS.

	Loans.	Receipts.
During the fiscal year 1902.....	\$980.00	\$25.42
During the fiscal year 1903.....	1,410.00	137.75
During the fiscal year 1904.....	1,605.00	104.39
During the fiscal year 1905.....	3,370.00	442.75
During the fiscal year 1906.....	2,486.00	708.02
During the fiscal year 1907.....	3,161.00	1,378.46
During the fiscal year 1908.....	3,183.00	643.46

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING JULY 31, 1907.

RECEIPTS.

Balance on hand August 1, 1906.....		\$1,431.79
Interest on bonds, 1907.....	\$2,000.00	
Receipts from students.....	1,378.46	
	<hr/>	<hr/>
Total receipts		3,378.46
		<hr/>
Total receipts		\$4,810.25

DISBURSEMENTS.

Loans to students, 1906-7.....	\$2,911.00	
Gifts to students, 1906-7.....	250.00	
	<hr/>	<hr/>
		3,161.00
Balance on hand July 31, 1907.....		\$1,649.25

STATEMENT FOR THE FISCAL YEAR ENDING JULY 31, 1908.

RECEIPTS.

Balance on hand August 1, 1907.....		\$1,649.25
Interest on bonds, 1908.....	\$2,000.00	
Receipts from students, 1907-8.....	643.46	
	<hr/>	<hr/>
Total receipts		2,643.46
		<hr/>
Total receipts		\$4,292.71

DISBURSEMENTS.

Loans to students.....	\$2,983.00	
Gifts to students.....	200.00	
	<hr/>	<hr/>
		3,183.00
Balance on hand July 31, 1908.....		\$1,109.71

THE ELLIOTT TRUST FUND.

This is a fund of five thousand dollars, the gift of Mrs. Mary H. Elliott, of California, formerly of Minneapolis, to the University of Minnesota, the income of which shall be at the disposal of the Board of Regents to aid students of the School of Mines. The fund is invested in "Northern Pacific Prior Lien, Gold Bearing Bonds," drawing 4 per cent, payable quarterly. The annual interest is \$200 and is loaned to students on their note without interest.

Seventeen students have received aid from this fund. Twelve of the seventeen students have paid their loans in full.

FINANCIAL STATEMENT.

RECEIPTS.

FOR THE YEAR ENDING JULY 31, 1907.

Balance on hand August 1, 1906.....		\$269.01
To interest for the quarter ending July 31, 1906....	\$500.00	
To interest for the year ending July 31, 1907.....	200.00	
Dec. 19, 1907. To payment from student on account loan.....	50.00	
July 2. To payment from student in full of loan.....	75.00	
	<hr/>	<hr/>
Total receipts		375.00
		<hr/>
Total receipts		\$614.01

DISBURSEMENTS.

Oct. 26.	By aid advanced student by order of Board of Regents	\$100.00	
1907.			
Jan. 9.	By aid advanced student by order of Board of Regents	100.00	
Feb. 11.	By aid advanced student by order of Board of Regents	100.00	
July 31.	Balance on hand.....	344.01	\$644.01

STATEMENT FOR THE YEAR ENDING JULY 31, 1908.

RECEIPTS.

	Balance on hand August 1, 1907.....		\$314.01
Sept. 4.	To payment from student in full of loan.....	\$25.00	
Sept. 9.	To payment from student in full of loan.....	125.00	
Sept. 23.	To payment from student on account of loan.....	50.00	
Dec. 6.	To payment from student in full of loan.....	100.00	
July 31.	To interest for the year ending July 31, 1908.....	200.00	
			500.00
	Total receipts		\$814.01

DISBURSEMENTS.

Nov. 13.	By aid advanced student.....	\$100.00	
July 31.	Balance on hand.....	744.01	\$814.01

THE LUDDEN TRUST FUND.

This is a fund of \$10,000, the gift of the Hon. John D. Ludden of St. Paul, which sum has been placed at the disposal of the Board of Regents of the University. The fund is invested in "Northern Pacific Prior Lien Bonds," drawing 4 per cent, payable quarterly. The annual income is \$400.

The income from this fund is bestowed as a gift for the financial assistance of worthy students of either sex in the School of Agriculture.

Twenty students have received aid from this fund.

FINANCIAL STATEMENT.

RECEIPTS.

FOR THE YEAR ENDING JULY 31, 1907.

	Balance on hand August 1, 1906.....	\$786.25	
	To interest on bonds, four quarterly payments of \$100	400.00	
	Total receipts		\$1,186.25

DISBURSEMENTS.

1906.			
Nov. 21.	By gift to student, by order of Board of Regents.	\$50.00	
Nov. 28.	By gift to student, by order of Board of Regents.	50.00	
Dec. 20.	By loan to student, by order of Board of Regents.	50.00	
			150.00
July 31.	By balance in treasury.....		\$1,036.25

STATEMENT FOR THE YEAR ENDING JULY 31, 1908.

RECEIPTS.

	To balance on hand August 1, 1907.....	\$1,036.25	
	To interest on bonds, four quarterly payments....	400.00	
	Total receipts		\$1,436.25

DISBURSEMENTS.

1907.		
Nov. 14.	By gift to student, by order of Board of Regents.	50.00
Dec. 14.	By loan to student, by order of Board of Regents.	50.00
1908.		
Jan. 15.	By loan to student, by order of Board of Regents.	30.00
Jan. 15.	By gift to student, by order of Board of Regents.	50.00
Feb. 29.	By gift to student, by order of Board of Regents.	15.00
Feb. 19.	By gift to student, by order of Board of Regents.	25.00
Mar. 12.	By gift to student, by order of Board of Regents.	40.00
		260.00
July 31.	By balance in treasury.....	\$1,176.25

THE ALBERT HOWARD SCHOLARSHIP FUND.

The "Albert Howard Scholarship Fund" of \$4,166.81 is the gift of Mr. James L. Howard, of St. Johnsbury, Vt., and was left to the University of Minnesota to establish a scholarship to be known as the "Albert Howard Scholarship." This scholarship is awarded by the Executive Committee upon the recommendation of the General Faculty.

This fund is invested in Colorado Irrigation Bonds drawing six per cent and purchased at 98c on the dollar. The bonds cost \$3,920.00. The balance has been placed in the Swedish-American bank where it will remain until it shall amount to \$100, when it will be invested.

THE ROLLIN E. CUTTS PRIZE IN SURGERY.

Dr. Mary E. Smith Cutts, 1891 Medical, has given to the University a memorial of her husband, Dr. Rollin E. Cutts, 1891 Medical, the sum of \$500.00, the income of which is to be awarded in the form of a gold medal to that member of the senior class of the College of Medicine and Surgery who presents the best thesis showing original work upon a surgical subject.

This fund is invested in a farm mortgage, on the SE $\frac{1}{4}$ of sec. 20, T. 14; R. 43 (160 Acres) Becker county, owned by Mrs. Nellie Bronseth and draws five per cent interest. Mortgage is due December 10, 1910.

GIDEON MEMORIAL FUND.

This fund of \$500, given by the State Horticultural Society, for a memorial to Peter M. Gideon, who originated the "Wealthy" apple. This fund was placed in the hands of the Board of Regents, who have invested it in "Town of Grand Rapids Bond" drawing five per cent and due in 1922.

The income from this fund is to be awarded as prizes for the encouragement of work in the Horticultural department of the College of Agriculture.

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The President of the University.	
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The President of the Board	
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The Governor of the State	
The HON. JOHN W. OLSEN, Albert Lea.....	Ex-Officio
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The HON. A. E. RICE, Willmar.....	1909
The HON. B. F. NELSON, Minneapolis.....	1910
The HON. PIERCE BUTLER, St. Paul.....	1910
The HON. CHARLES A. SMITH, Minneapolis.....	1910
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GEORGE F. JAMES, Ph. D., Dean of the School of Education	
HENRY T. EDDY, C. E., Ph. D., LL. D., Dean of the Graduate School.	
ADA L. COMSTOCK, M. A., Dean of Women	

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The School of Chemistry

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The College of Education

DEAN GEORGE F. JAMES

The Graduate School

General Alumni Association

DAVID P. JONES

The Dean of Women

ADA L. COMSTOCK

THE FACULTY, 1907-08

Distribution

Department or School	Professors and Instructors		
	Men.	Women.	Totals.
School of Agriculture.....	36	12	48
College of Agriculture .....	..	..	..
College of Science, Literature and the Arts.....	72	11	83
College of Engineering	25	..	25
School of Mines	7	..	7
School of Chemistry .....	..	..	..
College of Education .....	..	..	..
Graduate School .....	..	..	..
College of Law	7	..	7
College of Medicine	34	..	34
College of Dentistry	21	1	22
College of Pharmacy	3	..	3
	<hr/>	<hr/>	<hr/>
Summer School (University Sect.).....	205	24	229
	10	7	17
	<hr/>	<hr/>	<hr/>
	215	31	246

In the above, none are counted twice.

LIST OF MEMBERS.

CYRUS NORTROP, LL.D., President	519 Tenth Ave. S. E.
Office, Library Building	
AMOS W. ABBOTT, M.D.	21 Tenth St. S.
Clinical Professor of Diseases of Women.	
EVERTON J. ABBOTT, A.B., M.D.	Endicott Arcade, St. Paul
Clinical Professor of Medicine and Chief of Medical Clinic.	
HOWARD S. ABBOTT, B. L.	900 Sixth St. S. E.
Professor of Corporation Law.	
H. C. ALDRICH, M.D.	Medical Block
Professor of Gynecology.	
FRANK MALLOY ANDERSON, M.A.	1629 University Ave. S. E.
Professor of History.	
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Assistant Professor of French.	
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Dean of the School of Mines and Professor of Metallurgy.	

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 BENJAMIN M. RASTALI Minneapolis
 Assistant Professor of Economics.
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 Professor of Medical Economics.
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JOHN T. ROGERS, M.D.	Lowry Arcade
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R. ROME, M.D.	Andrus Building
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J. CLARK STEWART, B.S., M.D.	Dayton Building
Professor of Principles of Surgery.	
JOHN STEWART, B.S.	St. Anthony Park
Professor of Agricultural Engineering.	
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