

MEETING OF THE BOARD OF TRUSTEES

-OF THE-

UNIVERSITY OF ILLINOIS

July 31, 1917

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Tuesday, July 31, 1917, pursuant to the following notice which was sent out by the Secretary on July 25, 1917:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel in Chicago, on Tuesday, July 31, 1917, at 12 o'clock noon, to consider such matters as the committees of the Board and the President of the University may submit, and such other matters as may be duly presented.

When the Board convened, the following members were present: President Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson.

President James was present; and also, during part of the day, Deans K. C. Babcock, Eugene Davenport, and C. R. Richards.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of July 17, 1917.

On motion of Mr. Carr, the minutes were approved as printed on pages 397 to 448 above.

AUDIT REPORT

Mr. Ward presented the report of Arthur Young and Company, Auditors. This report was referred to the Finance Committee,

MATTERS SUBMITTED BY PRESIDENT JAMES

The Board proceeded to the consideration of the following matters submitted by the President of the University.

THE BUDGET FOR 1917-18

(1) The Budget of the University for the year beginning July 1, 1917, introduced by the following statement:

The most important matter I have to lay before the Board at this meeting is the budget.

I have never had so much difficulty in preparing a budget which seemed to me financially feasible and satisfactory to the different departments of the University and fairly considerate of the needs and justifiable demands.

Like many other institutions and men we have been sailing in fair weather during the past few years and have pushed on with full sails. We have been making great progress and we are now suddenly overtaken by a storm which some people feel is a mere squall but which has certainly assumed dimensions almost unbelievable and which has involved our financial future very materially, even though it should die away within a short time, of which there seems to be at present no indication whatever.

When I first considered the matter I did not see how it was possible to make up a budget which would not involve either the dismissal of many men outright, as some institutions have done, or the lopping off of some important departments, carrying with them the men employed in those departments, or a horizontal reduction of salaries in all departments of the University, or serious reductions in the ordinary appropriations for equipment and running expenses.

I have finally prepared a budget which I submit for your consideration and which I think can be repeated for the second year in the biennium, which is financially possible,—that is, which will not involve us in an actual deficit—and which does not involve the reduction of a single salary of any employee of the University, nor does it involve the dismissal of any person on the University staff on account of shrinkage in the budget.

I should have been glad if in addition to this the budget could also have provided for the ordinary and legitimate increase in the salary list of the University which we have come to look upon as a regularly recurring event. The cost of living has gone up frightfully. We are all suffering from it in more than one direction. The people who draw moderate or small incomes from the University suffer, of course, very materially, and intensely. Circumstances ordinarily would make it possible for the University to raise the level of salaries in the lower grades very considerably.

The present facts, however, do not permit this.

As there is a very decided difference of opinion between myself and my colleagues on this matter I have asked Dean Davenport, Dean Richards, and Dean Babcock to attend this meeting of the Board and present their views on the subject.

I may say that the shortage of \$133,472.83 refers to the shortage in collections during the last biennium. The Legislature appropriated \$5,000,000 which the University expended, but the mill tax for the two years of the last biennium did not produce the full amount of \$5,000,000 by \$133,472.83. This remains a charge upon the budget of the present biennium.

I have recommended, it will be seen, that for the present we plan to meet one-half of this charge during each year of the present biennium. By expending each year \$66,736.42 less than half the \$4,800,000 appropriated for the biennium,—that is, by expending \$2,333,263.58 per annum instead of \$2,400,000,—the shortage will be cancelled by the end of the present biennium.

The Budget was discussed at length. Deans Babcock, Davenport, and Richards expressed their views of the best way of meeting the situation.

On motion of Mr. Trimble, the matter of the Budget was referred to the President of the University with power to act and to make whatever adjustments* were possible without increasing the total sum. The vote was as follows: Ayes, President Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Hoit, Mr. Lowden, Mr. Trevett.

*The Budget as given on pages 452 to 499 is in the final form as approved by the President of the University.

PART I—SUMMARY*SUMMARY OF INCOME AND EXPENDITURE*

Total estimated income	\$3,157,745.02
Total estimated expenditure	3,154,884.02
<i>Balance</i>	<u>\$2,861.00</u>

*A. INCOME**Summary of Income*

I. Federal sources	\$ 192,536.51
II. State appropriations of receipts from the Mill Tax.....	2,333,263.58
III. Interest on daily bank balances	7,500.00
IV. Departmental sales	185,200.00
V. Student fees	217,457.33
VI. Balance, July 1, 1917.....	<u>221,787.60</u>

Total, Income \$3,157,745.02

I. Federal Sources

1. Endowment fund	\$ 32,450.65
2. Morrill fund	25,000.00
3. Nelson fund	25,000.00
4. Hatch fund	15,000.00
5. Adams fund	15,000.00
6. Smith-Lever fund	<u>80,085.86</u>

Total, Federal sources \$ 192,536.51

II. State Appropriation of Receipts from the Mill Tax

7. Salaries and wages	\$1,475,000.00
8. Departmental office expenses	50,000.00
9. Travelling expenses	25,000.00
10. Operating supplies and expenses	62,500.00
11. School supplies	207,500.00
12. Repairs on present buildings, grounds, and equipment	55,000.00
13. Equipment	150,000.00
14. Buildings	250,000.00
15. Reserve and contingencies	<u>125,000.00</u>

Total \$2,400,000.00

Less shortage in collections

June 30, 1917 66,736.42

*Net total from State appropriations
of receipts from the Mill Tax.....*

\$2,333,263.58

III. Interest on Daily Bank Balances

16. Interest	<u>\$7,500.00</u>
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IV. Department Sales

17. College of Agriculture and Agricultural Experiment Station		
a. College	\$105,000.00	
b. Station	45,000.00	
	<hr/>	\$ 150,000.00
18. College of Engineering and Engineering Experiment Station	2,000.00	
19. College of Liberal Arts and Sciences.....	1,000.00	
20. Physical Plant	5,000.00	
21. College of Medicine (dispensary, drug room, etc.)	2,500.00	
22. College of Dentistry (Infirmary, etc.).....	12,000.00	
23. Miscellaneous		
a. Library fines and sales..\$	500.00	
b. Orchestral concerts	3,500.00	
c. <i>Journal of English and Germanic Philology</i>	800.00	
d. <i>University Studies</i>	350.00	
e. <i>Directory of Matriculants</i>	300.00	
f. <i>Local Directory</i>	250.00	
g. Smith Farms.....	7,000.00	\$ 12,700.00
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<i>Total, departmental sales</i>		\$ 185,200.00

V. Student Fees

24. Urbana departments	\$ 161,016.53	
25. Medicine	24,611.44	
26. Dentistry	20,413.18	
27. Pharmacy	11,416.18	
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<i>Total, student fees</i>		\$ 217,457.33

VI. Balance July 1, 1917

28. Unexpended balance June 30, 1917.....	\$ 315,401.52	
Less:		
Reserve for trust funds.....	\$13,446.04	
Reserve to meet existing obligations	80,167.88	\$ 93,613.92
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<i>Free balance July 1, 1917 (including Agricultural balances of \$68,176.31)</i>		\$ 221,787.60
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<i>GRAND TOTAL, INCOME</i>		\$3,157,745.02

*B. EXPENDITURES***SUMMARY OF EXPENDITURES**

		<i>Expense and</i>	
		<i>Salaries</i>	<i>Equipment Total</i>
1. Buildings		\$ 250,000.00	\$ 250,000.00
2. Reconstructions, physical plant extension, building betterments, and furniture and fixtures.....		40,000.00	40,000.00
3. Physical plant operation and maintenance		273,450.00	273,450.00
4. Library additions		50,000.00	50,000.00
5. Administrative offices	\$ 60,510.00	26,000.00	86,510.00
6. General departments	121,206.00	39,655.00	160,861.00
7. Publications and general expenses		133,075.00	133,075.00
8. College of Liberal Arts and Sciences	425,735.00	99,775.00	525,510.00
9. College of Commerce and Business Administration	47,490.00	6,540.00	54,030.00
10. College of Engineering and Engineering Experiment Station	264,033.33	92,600.00	356,633.33
11. College of Agriculture and Agricultural Experiment Station	329,455.00	462,647.49	792,102.49
12. Colleges of Medicine and Dentistry	*	250,000.00*	250,000.00
13. Graduate School	32,800.00	22,516.20	55,316.20
14. School of Pharmacy	16,734.00	16,272.00	33,006.00
15. Other colleges and departments:			
College of Law	27,350.00	8,500.00	35,850.00
School of Library Science.....	8,325.00	950.00	9,275.00
School of Music	17,800.00	1,465.00	19,265.00
Summer Session	27,000.00	3,000.00	30,000.00
TOTAL EXPENDITURES	\$1,378,438.33*	\$1,776,445.66	\$3,154,884.02

I. BUILDINGS.

Sundry building projects \$ 250,000.00

II. RECONSTRUCTIONS, PHYSICAL PLANT EXTENSION, BUILDING BETTERMENTS, AND FURNITURE AND FIXTURES

- | | |
|--|-----------|
| 1. Reconstructions | \$ 10,000 |
| 2. Physical plant extension and building betterments | 20,000 |

*Total sum of \$250,000 for Medicine and Dentistry not yet divided according to salaries, expense, and equipment.

3. Furniture and fixtures	10,000	
<i>Total</i>		\$ 40,000.00

III. PHYSICAL PLANT OPERATION AND MAINTENANCE

General operation and maintenance	\$ 273,450.00
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IV. LIBRARY ADDITIONS

Library additions	\$ 50,000.00
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V. ADMINISTRATIVE OFFICES

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
1. Board of Trustees			
Quarterly audit		\$ 1,000	\$ 1,000
Other expense		6,000	6,000
2. Office of the President.....	\$19,680	5,000	24,680
3. Office of the Vice President	1,000	500	1,500
4. Office of the Registrar	19,060	6,200	25,260
5. Business Office	20,270	6,000	26,270
6. Legal Counsel		500	500
7. Council of Administration		500	500
8. University Senate		100	100
9. Adviser to Foreign Students	500	200	700
<i>Total, administrative offices</i>	\$60,510	\$26,000	\$86,510

VI. GENERAL DEPARTMENTS

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
1. Library	\$ 62,310	\$12,000	\$ 74,310
2. Dean of Men	9,840	6,225	16,065
3. Dean of Women	3,840	500	4,340
4. Physical Training for Men	14,300	2,040	16,340
5. Physical Training for Women	7,160	600	7,760
6. Military	10,166	4,570	14,736
7. High School Visitor	6,710	4,600	11,310
8. Blueprinting and Photography*	3,000	1,000	4,000
9. Information Office†	3,880	1,120	5,000

*The following expense items involved in the work of the Photographic Laboratory will be covered by credits to the department and are not included in the budget total:

Labor	\$2,520
General supplies	1,600
Freight, etc.	80

Total

†An additional sum of \$1,200 required by the Information Office for expense and equipment will be provided from the receipts of the Stenographic Bureau and is not included in the budget total.

10. Health Service	**	7,000	7,000
<i>Total, general departments</i>	\$121,206	\$39,655	\$160,861

VII. PUBLICATIONS AND GENERAL EXPENSES**1. Publications**

Printing and mailing catalogs, etc.,	\$15,000	
<i>Directory and Alumni Record</i>	4,000	
<i>Alumni Quarterly</i>	1,000	
Students Handbook	300	
University History, Volume I	3,000	
<i>Total, publications</i>		\$ 23,300

2. General Expenses

High School Oratorical Contest	400	
Lectures	1,000	
Incidentals and emergency fund	70,000	
Concerts	5,000	
Convocations, etc.,	1,500	
Refunds to students	6,000	
Towel system, Gymnasium	1,500	
State Water Survey	7,500	
Semicentennial celebration	5,000	
Retiring allowances	4,875	
Operation of Smith farms	7,000	
<i>Total, general expenses</i>		\$109,775
<i>Total, publications and general expenses</i>		\$133,075

VIII. COLLEGE OF LIBERAL ARTS AND SCIENCES

	Salaries	Expense and Equipment	Total
1. Office of the Dean	\$ 7,800	\$ 1,800	\$ 9,600
2. Art and Design	7,100	800	7,900
3. Astronomy	4,700	800	5,500
4. Bacteriology	5,200	5,500	10,700
5. Botany	21,760	6,100	27,860
6. Chemistry	70,660	54,000	124,660
7. Classics	15,100	450	15,550
8. Education	18,250	2,500	20,750
9. English	62,890	1,800	64,690
10. Entomology	10,400	2,000	12,400

**Salaries included under Expense and Equipment.

11. Geology	16,100	3,400	19,500
12. German	24,550	200	24,750
13. History	26,550	300	26,850
14. Mathematics	36,800	700	37,500
15. Philosophy	8,900	100	9,000
16. Physiology	4,800	1,600	6,400
17. Political Science	14,000	175	14,175
18. Psychology	8,800	1,100	9,900
19. Romance Languages	28,175	250	28,425
20. Sociology	6,200	300	6,500
21. Zoology	27,000	6,900	33,900
22. Museums		9,000	9,000

Total, College of Liberal Arts and Sciences. \$425,735 \$99,775 \$525,510

IX. COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

1. Salaries		\$47,490
2. Equipment		
a. Office and class-room equipment.....	\$ 450	
b. Fixed library charges	1,200	
c. Library equipment	1,750	

Total, Equipment 3,400

3. Expense	
a. Lectures	600
b. Travelling expense (including \$350 for Community Adviser)	700
c. Printing, postage, and office supplies...	600
d. Extra clerical help	250
e. Student assistance	300
f. Stenographic help	600
g. General	90

Total, Expense \$ 3,140

*Total, College of Commerce and
Business Administration* \$54,030

X. COLLEGE OF ENGINEERING, ENGINEERING EXPERIMENT STATION, AND COAL MINING INVESTIGATIONS

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
1. College	\$240,710.00	\$65,000	\$305,710.00
2. Engineering Experiment Station	20,923.33	25,000	45,923.33
3. Coal Mining Investigations	2,400.00	2,600	5,000.00
<i>Total</i>	\$264,033.33	\$92,600	\$356,633.33

XI. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION

A. Income

1. State College Funds

Income \$227,115

2. State Station Funds

a. Live stock investigations \$31,000
 b. Crop investigations 18,500
 c. Soil investigations 96,000
 d. Horticulture investigations 21,000
 e. Dairy investigations 21,000
 f. Floriculture investigations 8,000

Total, State Station funds \$195,500

Total, income from State funds..... \$422,615

3. U. S. College Funds

a. Interest on endowment ($\frac{1}{2}$)\$ 16,225.32
 b. Morrill fund, 1890 ($\frac{1}{2}$) 12,500.00
 c. Nelson fund ($\frac{1}{2}$) 12,500.00

Total, U. S. College funds \$41,225.32

4. U. S. Station Funds

a. Hatch fund\$ 15,000
 b. Adams fund 15,000

Total, U. S. Station funds..... \$ 30,000.00

5. U. S. Smith-Lever Fund

Income \$ 80,085.86

Total, Income from Federal funds \$151,311.18

*Total, income of College and Station
 from State and Federal funds*..... \$573,926.18

6. Departmental Sales

a. College

(1) Agronomy\$ 1,500
 (2) Animal Husbandry 20,000
 (3) Dairy Husbandry 67,000
 (4) Horticulture 6,800
 (5) Household Science 300
 (6) Cafeteria 17,500

Total sales, College \$113,100.00

b. Station

(1) Agronomy\$ 13,100
 (2) Animal Husbandry 12,600

(3) Dairy Husbandry	11,000	
(4) Horticulture	200	
		<hr/>
<i>Total sales, Station</i>		\$36,900.00
<i>Total sales, College and Station</i>		\$150,000.00

7. Cash Balances

a. Agricultural buildings		\$ 16,873.63
b. College		
(1) Agronomy	\$ 4,529.30	
(2) Animal Husbandry	1,023.06	
(3) Dairy Husbandry	10,282.75	
(4) Horticulture	211.57	
(5) Cafeteria	1,270.03	
(6) Poultry plant	3,000.00	
(7) Veterinary Science	3,971.51	
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<i>Total balance, College</i>	\$ 24,288.22	
<i>Less overdrafts</i>	3,489.82	
		<hr/>
<i>Net balance, College</i>		\$20,798.40
c. Station		
(1) Agronomy, crops	\$ 992.25	
(2) Agronomy, soils	16,142.78	
(3) Animal Husbandry	1,633.68	
(4) Dairy Husbandry	9,403.66	
(5) Horticulture	2,331.91	
		<hr/>
<i>Total balance, Station</i>		\$30,504.28
<i>Total, cash balance</i>		\$68,176.31
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<i>Total, income of College and Station</i>		\$792,102.49

B. Expenditures**1. Administration and General**

a. College funds*		
Salaries and maintenance	\$ 11,825.32	
Less overdraft from 1915-16	712.72	
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<i>Net total from College funds</i>		\$ 11,112.60
b. Hatch fund		
Salaries and maintenance		5,000.00
c. Adams fund		
Salaries and maintenance		1,700.00

*Under "College Funds" are included items 1 and 3 under Income, supra.

d. Balance from 1916-17		
Poultry plant	3,000.00	
e. Balance from 1916-17, transferred from Veterinary Science funds balance		
Maintenance	1,000.00	
	<hr/>	
<i>Total, administration and general....</i>		\$ 21,812.60
2. Agricultural College Extension		
a. College funds		
Salaries and maintenance	\$ 20,000.00	
Less overdraft from 1916-17	595.22	
	<hr/>	
<i>Net total, Agricultural College Extension</i>		\$ 19,404.78
3. Agronomy		
a. College funds		
Salaries and maintenance (general) \$	38,300.00	
Farm Mechanics	15,000.00	
	<hr/>	
<i>Total from College funds</i>		\$ 53,300.00
b. State Station funds		
Crop investigations	\$ 18,500.00	
Soil investigations	96,000.00	
	<hr/>	
<i>Total from State Station funds</i>		\$114,500.00
c. Hatch fund		
Salaries and maintenance	\$ 4,000.00	
d. Balance from 1916-17		
(1) Maintenance, general	\$ 4,325.64	
(2) Farm Mechanics	203.66	
(3) Crop investigations	992.25	
(4) Soil investigations	16,142.78	
	<hr/>	
<i>Total from balance</i>		\$ 21,664.33
e. Income from Sales		
(1) College		
Maintenance	\$ 1,500.00	
(2) Station		
Maintenance	13,100.00	
	<hr/>	
<i>Total from income from sales</i>		\$ 14,600.00
<i>Total agronomy</i>		\$208,064.33

4. Animal Husbandry

a. College funds		
Salaries and maintenance (general, including Veterinary Science)	\$ 68,190.00	
b. State Station funds		
Live Stock investigations	26,700.00	
c. Adams fund		
Nutrition and breeding	8,300.00	
d. Balance from 1916-17		
(1) Live Stock specimens	\$ 1,023.06	
(2) Live Stock investigations	1,633.68	
	<hr/>	
<i>Total from animal husbandry balance</i>	\$ 2,656.74	
e. Balance from 1916-17 transferred from Veterinary Science funds balance Veterinary Science (salaries and maintenance)	\$ 2,971.51	
f. Income from sales		
(1) College		
Maintenance	\$ 20,000.00	
(2) Station		
Maintenance	12,600.00	
	<hr/>	
<i>Total from income from sales</i>	\$ 32,600.00	
<i>Total, animal husbandry</i>		\$141,418.25

5. Dairy Husbandry

a. College funds		
Salaries and maintenance (general) ..	\$ 30,725.00	
b. State Station funds		
Dairy investigations	21,000.00	
c. Hatch fund		
Salaries and maintenance	6,000.00	
d. Balance from 1916-17		
(1) Maintenance	\$ 10,282.75	
(2) Investigations	9,403.66	
	<hr/>	
<i>Total from balance</i>	\$ 19,686.41	
e. Income from sales		
(1) College		
Maintenance	\$ 67,000.00	
(2) Station		
Maintenance	11,000.00	
	<hr/>	
<i>Total from income from sales</i>	\$ 78,000.00	
<i>Total, dairy husbandry</i>		\$155,411.41

6. Farm Organization and Management

a. College funds	
Salaries and maintenance.....	\$ 1,500.00
b. State Station funds	4,500.00
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<i>Total, farm organization and man-</i>	
<i>agement</i>	\$ 6,000.00

7. Horticulture

a. College funds	
Salaries and maintenance (gen-	
eral)	\$ 56,600.00
b. State Station funds	
Horticultural investigations	\$ 21,000.00
Floricultural investigations	8,000.00
	<hr/>
<i>Total from State Station funds</i>	\$ 29,000.00
c. Adams fund	
Plant breeding	5,000.00
d. Balance from 1916-17	
(1) Maintenance	\$ 211.57
(2) Horticultural investigations....	990.55
(3) Floricultural investigations	1,341.36
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<i>Total from balance</i>	\$ 2,543.48
e. Income from sales	
(1) College	
Maintenance	\$ 6,800.00
(2) Station	
Maintenance	200.00
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<i>Total from income from sales....</i>	\$ 7,000.00
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<i>Total, horticulture</i>	\$100,143.48

8. Household Science

a. College funds	
Salaries and maintenance.....	\$ 26,000.00
Less overdraft from 1916-17.....	2,181.88
	<hr/>
<i>Net total from College funds....</i>	\$ 23,818.12
b. Balance from 1916-17	
Cafeteria	\$ 1,270.03
c. Income from sales	
(1) Maintenance	300.00

(2) Cafeteria	17,500.00	
<i>Total income from sales</i>		\$ 17,800.00
<i>Total, household science</i>		\$ 42,888.15
9. U. S. Smith-Lever Extension Service		
a. Administration		
Salaries and maintenance.....	\$ 5,785.86	
b. Demonstration in Household Science		
Salaries and maintenance.....	15,000.00	
c. Departmental Advisers	18,000.00	
d. County Agents		
Salaries and maintenance.....	41,300.00	
<i>Total, U. S. Smith-Lever Service</i>		\$ 80,085.86
10. Buildings		
Balance from 1916-17		
(1) General	\$ 2,947.91	
(2) Clinic building	4,925.72	
(3) Cold storage	9,000.00	
<i>Total, buildings</i>		\$ 16,873.63
<i>Total expenditures, College of Agriculture and Agricultural Experiment Station</i>		\$792,102.49

Recapitulation of Expenditures by Departments

	<i>Salaries</i>	<i>Expense and equipment</i>	<i>Total</i>
1. Administration	\$ 13,260	\$ 8,552.60	\$ 21,812.60
2. Agricultural College Extension	15,420	3,984.78	19,404.78
3. Agronomy	89,860	118,204.33	208,064.33
4. Animal Husbandry	58,400	83,018.25	141,418.25
5. Dairy Husbandry	42,410	113,001.41	155,411.41
6. Farm Organization and Management	4,350	1,650.00	6,000.00
7. Horticulture	56,680	43,463.48	100,143.48
8. Household Science	38,475	4,413.15	42,888.15
9. U. S. Smith-Lever Service.....	10,600	69,485.86	80,085.86
10. Buildings		16,873.63	16,873.63
<i>Total expenditures, College of Agriculture and Agricultural Experiment Station</i>	\$329,455	\$462,647.49	\$792,102.49

XII. COLLEGES OF MEDICINE AND DENTISTRY

Salaries and expense\$250,000.00

XIII. GRADUATE SCHOOL**I. Salaries**

Administration and research.....	\$ 6,600
Civil Service	1,200

<i>Total, salaries</i>	\$ 7,800.00
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2. Scholarships and fellowships	25,000.00
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3. Expense and equipment**A. Publications**

1. <i>University Studies</i> (Miscellaneous, Social Science, Language and Literature, Biological Monographs), printing, proof-reading, etc.	\$ 5,500	
2. Special monographs	1,200	
3. <i>Journal of English and Germanic Philology</i>	1,800	
4. General publications	700	\$ 9,200

B. Research

1. Emergency, equipment, assistance, materials, service, etc.	\$ 7,500	
2. Illinois Historical Survey.....	4,000	\$ 11,500

C. Incidental and miscellaneous

1. Postage, office supplies, office traveling expenses	500	
2. Clerical help	350	850

<i>Total, expense and equipment</i>	\$21,550.00
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4. Reappropriations

1. Work on crystallization of rare earths, by Prof. W. A. Noyes	\$ 170
2. Summer research, by Prof. F. L. Stevens.....	230
3. Summer investigations by Prof. C. Zeleny.....	120
4. <i>University Studies</i>	300
5. <i>Journal of English and Germanic Philology</i>	146.20

<i>Total, reappropriations</i>	\$ 966.20
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<i>Total, Graduate School</i>	\$55,316.20
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XIV. THE SCHOOL OF PHARMACY

1. Salaries and wages			\$16,734
2. Expense, equipment, and supplies			
a. General expense			
(1) Rebates of tuition and laboratory fees	\$	350	
(2) Commencement expenses		150	\$ 500
b. Office expense			
(1) Postage	\$	350	
(2) Office supplies		100	
(3) Printing (other than catalog)		100	
(4) Telephone and telegraph		100	
(5) Freight and express		50	
(6) Advertising, etc.		500	\$ 1,200
c. Departmental expense			
(1) Publications	\$	400	
(2) Laboratory supplies		4,000	
(3) General supplies		200	\$ 4,600
d. Maintenance			
(1) Apparatus repairs	\$	150	
(2) Furniture repairs		100	
(3) Office equipment repairs		40	
(4) Building repairs, general		500	
(5) Painting and calcimining		750	
(6) Remodelling basements		2,000	\$ 3,540
e. Departmental equipment			
(1) Apparatus, permanent	\$	1,000	
(2) Furniture and fixtures		1,500	
(3) Office equipment		100	
(4) Library		750	\$ 3,350
f. Museum			\$ 150
g. Fuel and light			
(1) Fuel	\$	1,500	
(2) Electricity		500	
(3) Gas		250	\$ 2,250
h. Miscellaneous			
(1) Janitor's supplies	\$	250	
(2) Boiler room supplies		200	
(3) Disposal of ashes and rubbish....		100	
(4) Night watch system (contract)....		132	\$ 682
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Total, expense, equipment, and supplies.....			\$ 16,272
Total, School of Pharmacy			\$ 33,006

XV. OTHER COLLEGES AND DEPARTMENTS

	<i>Salaries</i>	<i>Expense and equipment</i>	<i>Total</i>
1. College of Law	\$ 27,350	\$ 8,500	\$ 35,850
2. School of Library Science	8,325	950	9,275
3. School of Music	17,800	1,465	19,265
4. Summer Session	27,000	3,000	30,000
<i>Totals</i>	\$ 80,475	\$ 13,915	\$ 94,390

PART II.—SALARY BUDGET

Unless otherwise noted, all appointments and salaries date from September 1, 1917. Indef.=on indefinite tenure; C. S.=Civil Service.

OFFICE OF THE PRESIDENT

Edmund J. James, President (March 13, 1917-March 11, 1919).....	\$ 12,000
Edward J. Filbey, Private Secretary to the President (12 mos.; exempt)	2,200
Vergil V. Phelps, Executive Secretary (C. S.).....	2,000
Albert R. Lee, Clerk (C. S.)	1,200
Anna V. Whitson, University Secretary (C. S.).....	1,200
———, University Secretary (C. S.).....	1,080
<i>Total, Office of the President</i>	\$ 19,680

OFFICE OF THE VICE PRESIDENT

David Kinley*, Vice President (1 yr.), Dean of the Graduate School (1 yr.), and Professor of Economics (Indef.)	\$ 1,000
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OFFICE OF THE REGISTRAR**Administration**

Charles M. McConn, Registrar (C. S.)	\$ 3,500
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Division of Admissions

Ira M. Smith, Examiner (C. S.).....	\$ 2,000
George P. Tuttle, Examiner (C. S.).....	1,740
Daisy Swearingen, Stenographer (C. S.)	720
Juanita Hamersmith, Stenographer (C. S.)	600

Division of Records and Reports

Levi A. Boice, Recorder (C. S.).....	\$ 1,600
Tabitha J. Broadhurst, Assistant Recorder (C. S.).....	1,000
Florence Blackburn, Assistant Recorder (C. S.)	720
Blanche Hollandsworth, Assistant Recorder (C. S.)	720
Louise Bennett, Stenographer (C. S.)	600

Editorial Division

Harrison E. Cunningham, Assistant Registrar, Secretary of the Board of Trustees, and Editor of the <i>University Bulletin</i> (C. S.).....	\$ 2,500
Lelah Brownfield, University Secretary (C. S.).....	900

*Total salary \$7,000; balance (\$6,000) under Graduate School.

General Assistants

Beatrice Yager, Stenographer (C. S.)	\$ 660
_____, Filing Clerk (C. S.)	720
Julia A. Oliver, Clerk (C. S.)	600
_____, Clerk and Messenger (C. S.)	480

Total, Office of the Registrar\$ 19,060

BUSINESS OFFICE**Comptroller's Office**

Lloyd Morey, Acting Comptroller and Instructor in Accountancy (1 yr.)	\$ 2,500
Maude Stipp, Secretary to the Comptroller (C. S.)	780
Helen Buckler, Stenographer (@ \$70.00; nine months half-time, three months full time; C. S.)	525
_____, Messenger and Filing Clerk (C. S.)	500

Auditor's Office

Ennes Charles Rayson, Auditor (C. S.)	\$ 1,500
Maurice Ziegler, Assistant Auditor (C. S.)	1,000
Franc A. Durfey, Bookkeeper and Stenographer (C. S.)	780
_____, Bookkeeper (C. S.)	525
_____, Warrant Clerk (C. S.)	660
_____, Inventory Clerk (student)	500

Purchasing Agent's Office

_____, Purchasing Agent (C. S.)	\$ 1,400
Carl F. Miller, Assistant Purchasing Agent for Laboratories (C. S.)	1,200
Edward S. Bittman, Assistant Purchasing Agent (C. S.)	900
Edward C. Craig, Order Clerk (C. S.)	720
Harrison N. Dare, Bookkeeper (C. S.)	720
_____, Traffic Clerk (C. S.)	500
Irene L. Love, Stenographer (C. S.)	660
Nan Quick, Stenographer (C. S.)	600
_____, Stenographer (C. S.)	600

Bursar's Office

Marsh E. Thompson, Bursar (C. S.)	\$ 1,200
Frank H. Beach, Cashier (C. S.)	900
Mary Ethel Stephens, Stenographer and Pay Roll Clerk (C. S.)	600
_____, Stenographer (C. S.)	600
Student assistance in fee collecting	400

Total, Business Office\$ 20,270

OFFICE OF THE LEGAL COUNSEL

Oliver A. Harker*, Professor of Law (Indef.) and Legal Counsel (1 yr.)	
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*Salary, \$5,000, under College of Law.

OFFICE OF THE ADVISER TO FOREIGN STUDENTS

Arthur R. Seymour*, Associate in Romance Languages and Adviser
to Foreign Students (1 yr.)\$ 500

THE LIBRARY**Administration**

Phineas L. Windsor, Director of the Library and Library School
(1 yr.)\$ 3,800
Jessie B. Weston, General Assistant (C. S.)..... 900
Wilma L. Shelton, General Assistant (C. S.; 10 mos.)..... 650
Miles O. Price, General Assistant (student; 12 mos.)..... 900
Everett O. Fontaine, General Assistant (student; three-fourths time;
10 mos.) 585
Marie E. Hubbard, Secretary (C. S.) 900
Nora Kirwan, Stenographer (two-thirds time; C. S.)..... 520
Cornelia Luther Eppinger, Stenographer (C. S.)..... 600

Total, administration\$ 8,855

Order Department

F. K. W. Drury, Lecturer in the Library School and Assistant
Librarian (1 yr.)\$ 2,500
———, Order Assistant (C. S.) 900
Clara Ricketts, Order Assistant (C. S.) 900
Katherine Doyle, Order Assistant (C. S.) 780
Persis Putnam, Secretary (C. S.) 1,000
Margaret Newman, Stenographer (C. S.) 480

Total, order department\$ 6,560

Gifts and Exchanges

Charles E. Graves, Lecturer in the Library School and Exchange
Assistant (1 yr.)\$ 1,400
George L. Doty, Clerk (student; two-thirds time; 12 mos.)..... 480
Imogene Wintermute, Clerk (student; one-half time; 10 mos.)..... 360

Total, gifts and exchanges\$ 2,240

Periodicals and Mail

Aurella Knapp, Assistant in Periodicals (C. S.).....\$ 1,000
Elizabeth Hester, Assistant (C. S.) 780
C. Ethel Wilson, Clerk (student; one-half time; 12 mos.)..... 360
Charles G. Howard, Clerk (student; one-half time; @ \$30 per mo.;
appointment to be from month to month..... 360
L. C. Raines, Clerk (student; one-half time; 12 mos.)..... 360

Total, periodicals and mail\$ 2,860

*Total salary \$2,500; balance (\$2,000) under Romance Languages.

Binding Department

Josie B. Houchens, Binding Librarian (C. S.)	\$ 1,200
Grace Cordell, Binding Assistant (C. S.)	780
<i>Total, binding department</i>	\$ 1,980

Reference Department

Margaret Hutchins, Lecturer in the Library School and Reference Assistant (1 yr.)	\$ 1,200
Alice S. Johnson, Lecturer in the Library School and Reference Assistant (1 yr.)	1,200
Emma Felsenthal, Instructor in the Library School and Reference Assistant (1 yr.)	1,200
Margaret Williams, Reference Assistant (C. S.)	960
<i>Total, reference department</i>	\$ 4,560

Catalog Department

Adah Patton, Lecturer in the Library School, and Acting Catalog Librarian (1 yr.)	1,600
Jennie A. Craig, Catalog Reviser (C. S.)	1,200
Lillie Cilley, Cataloger (C. S.)	900
Ethel Bond*, Instructor in Library Economy and Catalog Reviser (1 yr.)	
Nellie Robertson, Cataloger (C. S.)	960
Amanda Flattery, Cataloger (C. S.)	960
Cena L. Sprague, Cataloger (C. S.)	900
Mary G. Burwash, Cataloger (C. S.)	900
Mary Grace Barnes, Cataloger (C. S.)	780
Cleo Lichtenberger, Cataloger (C. S.)	780
Katherine McGraw, Cataloger (C. S.)	780
Mildred McElroy, Cataloger (C. S.)	780
Alice Thompson, Cataloger (C. S.)	780
Bertha Sharp Schroepfel, Cataloger (C. S.)	780
Dorothy Cook, Cataloger (student; 12 mos.)	780
Nelle M. Signor, Cataloger (C. S.)	900
Sallie M. Vaught, Cataloger (student; 12 mos.)	720
Ruth Savord, Cataloger (student; three-fourths time; 12 mos.)	540
Mary L. Blackwell, Clerk (C. S.)	780
Floy Kern, Typist (C. S.)	600
Newman Romero, Typist (student; one-half time; 10 mos.)	275
Ferdinand Meyer, Typist (student; one-half time; 10 mos.)	275
Josephine Lindholm, Clerk (student; one-half time; 12 mos.)	330
Kirsten Gudbransen, Clerk (student; 12 mos.)	600
————, Clerk (student; three-fourths time; 12 mos.)	495
<i>Total, catalog department</i>	\$ 18,395

*Salary (\$1,200) under Library School.

Loan Department

Emma R. Jutton, Lecturer in the Library School and Loan Librarian (1 yr.)	\$ 1,400
Elizabeth Bryan, Loan Assistant (C. S.)	1,000
Stella B. Galpin, Loan Assistant (C. S.)	900
Susan Benson Howard, Loan Assistant (C. S.)	900
Vera K. Gher, Loan Assistant (C. S.)	900
William J. Eccles, Shelf Assistant (student; one-half time; 12 mos.) ..	480
G. F. Griffin, Shelf Assistant (student; two-thirds time; 12 mos.)	440
W. B. Newlin, Shelf Assistant (student; one-half time; 12 mos.)	330
G. H. Lawrence, Shelf Assistant (student; one-third time; 12 mos.) ..	220
_____, Shelf Assistant (student; one-half time; 12 mos.)	330
Marguerite A. Cline, Clerk (student; one-half time; 12 mos.)	330
<i>Total, Loan Department</i>	\$ 7,230

Departmental Libraries

Adolph Pauli, Library Assistant in Classics (student; 12 mos.)	\$ 780
Ola M. Wyeth, Lecturer in the Library School and Library Assistant in Modern Languages (1 yr.)	1,000
Marian Leatherman, Lecturer in the Library School and Library Assistant in History and Political Science (1 yr.)	1,100
Hazel Y. Shaw, Library Assistant in Economics and Sociology (C. S.) ..	1,100
Nellie R. Roberts, Library Assistant in English (C. S.)	900
Clara M. Barnes, Library Assistant in Philosophy, Psychology, and Education (C. S.)	780
Harry Amsterdam, Assistant in Philosophy, Psychology and Education (student; three-fourths time; 10 mos.)	450
George A. Deveneau, Library Assistant in Agriculture (C. S.)	1,200
Charles E. Janvrin, Library Assistant in Natural History (one-half time; C. S.)	700
Marion Sparks, Library Assistant in Chemistry (C. S.)	840
Marie Hedrick, Library Assistant in Mathematics (student; 12 mos.) ..	780
<i>Total, departmental libraries</i>	\$ 9,630
<i>Total, Library</i>	\$ 62,310

OFFICE OF THE DEAN OF MEN

Thomas Arkle Clark*, Dean of Men (1 yr.) and Professor of Rhetoric (Indef.)	\$ 5,500
Arthur Ray Warnock, Assistant Dean of Men (12 mos.)	2,000
_____, Clerk (C. S.)	720
_____, Clerk (Student; 12 mos.)	600
Sue M. Fair, Stenographer (exempt; 12 mos.)	1,020
<i>Total, Office of the Dean of Men</i>	\$ 9,840

*Total Salary \$6,000; balance (\$500) charged to Department of English.

OFFICE OF THE DEAN OF WOMEN

Fanny C. Gates, Dean of Women (1 yr.)	\$ 3,000
Ada Martin, Secretary (exempt; 12 mos.)	840

Total, Office of the Dean of Women.....\$ 3,840

DEPARTMENT OF PHYSICAL TRAINING FOR MEN

George A. Huff, Director (1 yr.)	\$ 5,000
Harry Lovering Gill, Associate in Track Athletics (1 yr.)	1,800
Ralph R. Jones, Associate in Basketball (1 yr.)	900
Robert C. Zuppke, Associate in Football (1 yr.)	1,000
Roy N. Fargo, Associate in Physical Training, and Director of the Men's Gymnasium (12 mos.)	2,200
Edward J. Manley, Instructor in Swimming (10 mos.)	1,300
S. E. Bilik, Assistant in Athletic Training (10 mos.)	600
A. J. Schuettner, Assistant (12 mos.)	1,500

Total, Physical Training for Men.....\$ 14,300

DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN

Louise Freer, Director (1 yr.)	\$ 1,500
Verna Brooks, Instructor (10 mos.)	1,300
Anna Lue Hughitt, Instructor (10 mos.)	1,300
Caroline Ruth Morris, Assistant (10 mos.)	900
Nellie Eileen Bussell, Instructor (10 mos.)	1,000
Rosa-Lee Gaut, Assistant (10 mos.)	600
Gladys Lovewell, Student assistant (10 mos.)	200
Elizabeth Goodrich, Caretaker of Women's Gymnasium (9 mos. from Sept. 18, 1917)	360

Total, Physical Training for Women.....\$ 7,160

MILITARY DEPARTMENT

—————, Commandant of Cadets (12 mos.)	\$ 576
A. A. Harding*, Directory of the Bands (1 yr.)	1,100
1st Sergeant F. W. Post, U. S. A. retired, Administrative Assistant (C. S.)	1,200
—————, Stenographer (C. S.; 12 mos.)	720
12 Assistants in Military Science @ \$100 per year each	1,200
Scholarships for 114 Cadet Officers and 65 in Band; total 179, @ \$30 each	5,370

Total, Military Department.....\$ 10,166

*Total salary \$2,100; receives \$1,000 as Instructor in Band Instruments under School of Music.

OFFICE OF THE HIGH SCHOOL VISITOR

H. A. Hollister, Professor of Education (Indef.) and High School Visitor (12 mos.)	\$ 3,500
John J. Didcoct, Assistant High School Visitor (1 yr.)	2,250
Winifred Amos, Secretary (C. S.)	960
<i>Total, Office of the High School Visitor</i>	<i>\$ 6,710</i>

BLUEPRINTING AND PHOTOGRAPHY

Arthur G. Eldredge, Director of the Photographic Laboratory and Instructor (1 yr.)	\$ 3,000
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INFORMATION OFFICE

Burt E. Powell, Director, and University Historian (1 yr.)	\$ 2,500
Anna Neuber, Stenographer (C. S.)	720
Edith Dyer, Stenographer (C. S.)	660
<i>Total, Information Office</i>	<i>\$ 3,880</i>

COLLEGE OF LIBERAL ARTS AND SCIENCES**Office of the Dean**

Kendric C. Babcock, Dean of the College of Liberal Arts and Sciences (Indef.)	\$ 5,500
Howard V. Canter*, Assistant Dean (1 yr.) and Associate Professor of the Classics (Indef.)	200
Agnes McGurty, Secretary to the Dean (C. S.)	1,200
Mabel F. Griffith, Record Clerk (C. S.)	900
<i>Total</i>	<i>\$ 7,800</i>

Art and Design

Edward John Lake, Assistant Professor (Indef.)	\$ 2,500
Charles Earl Bradbury, Associate (2 yrs. from Sept. 1, 1916)	1,600
Mary Minerva Wetmore, Instructor (10 mos.)	1,500
Gideon Robert Forbes, Instructor (10 mos.)	1,500
<i>Total</i>	<i>\$ 7,100</i>

Astronomy

Joel Stebbins, Professor (Indef.)	\$ 3,500
Frank Walker Reed†, Instructor (one-half time; 10 mos.)	700
_____, Assistant (10 mos.)	500
<i>Total</i>	<i>\$ 4,700</i>

*Total salary \$2,900; balance (\$2,700) charged to department of Classics.

†Total salary \$1,400; balance (\$700) under department of Mathematics.

Bacteriology

Joel Andrew Sperry, Associate (2 yrs. from Sept. 1, 1916).....	\$ 1,900
Fred Wilbur Tanner, Instructor (10 mos.)	1,600
_____, Assistant (one-half time; 10 mos.)	500
Warren M. Deacon, Assistant (one-half time; 10 mos.)	500
A. L. Moody, Laboratory Helper (10 mos.; C. S.).....	700
<i>Total</i>	\$ 5,200

Botany

William Trelease, Professor (Indef.)	\$ 5,000
Charles F. Hottes, Professor of Plant Physiology (Indef.)	3,000
Frank L. Stevens, Professor of Plant Pathology (Indef.)	4,000
Walter B. McDougall, Associate (1 yr.)	1,700
Stella M. Hague, Instructor (10 mos.)	1,100
Nora E. Dalbey, Assistant (one-half time; 10 mos.).....	600
William E. Pickler, Assistant (one-half time; 10 mos.)	600
Lee E. Miles, Assistant (one-half time; 10 mos.)	600
Forrest E. Kempton, Assistant (one-half time; 10 mos.)	600
Richard A. Gantz, Assistant (one-half time; 10 mos.)	600
Mary E. Renich, Assistant (one-half time; 10 mos.)	600
Truman G. Yuncker, Assistant (one-half time; 10 mos.)	600
P. F. Grove, Assistant (one-half time; 10 mos.)	500
Dudley J. Pratt, Assistant (one-half time; 10 mos.)	500
Roy Nelson*, Assistant (10 mos.)	
Aaron R. Kienholz, Research Assistant (10 mos.)	500
Robert Fieg, Laboratory Helper (C. S.)	660
_____, Stenographer (C. S.)	600
<i>Total</i>	\$ 21,760

Chemistry

William A. Noyes, Professor of Chemistry and Director of the Chemical Laboratory (Indef.)	\$ 5,500
Samuel W. Parr†, Professor of Applied Chemistry (one-half time; indef.)	2,000
Edward Bartow**, Professor of Sanitary Chemistry (Indef.) and Director of the Water Survey Division of the Department of Education and Registration (4 yrs. from Jan. 9, 1917).	
Richard C. Tolman, Professor of Physical Chemistry (Indef.).....	3,000
David F. McFarland, Associate Professor of Applied Chemistry (Indef.)	2,800
George M. Smith, Assistant Professor (3 yrs. from Sept. 1, 1915)....	2,200
Roger Adams, Assistant Professor (3 yrs. from Sept. 1, 1916).....	2,800

*Without salary.

†Total salary \$4,000; receives \$2,000 under Engineering Experiment Station.

**Salary under Water Survey.

B. Smith Hopkins, Assistant Professor (1 yr.)	2,000
Howard B. Lewis, Assistant Professor (1 yr.)	2,400
George D. Beal, Associate (2 yrs. from Sept. 1, 1916)	1,800
Horace G. Deming, Associate (2 yrs. from Sept. 1, 1916).....	2,000
Oliver Kamm, Associate (1 yr.)	1,600
Jessie Y. Cann, Associate (12 mos.)	1,500
Carl J. Engelder, Instructor (10 mos.)	1,500
George W. Sears, Instructor (10 mos.)	1,400
Gerard Van Rossen, Instructor (10 mos.)	1,200
Herbert E. Eastlack, Instructor (10 mos.)	1,400
Frederick O. Anderegg, Instructor (10 mos.)	1,300
Victor Yngve, Instructor (10 mos.)	1,500
Harry C. Kremers, Instructor (10 mos.)	1,200
S. A. Braley, Instructor (10 mos.)	1,200
W. E. Thrun, Instructor (10 mos.)	1,200
Arthur B. Haw, Research Assistant (10 mos.)	800
Joseph M. Braham, Research Assistant (10 mos.)	600
A. E. Stearn, Research Assistant (10 mos.)	600
E. Greenfield*, Assistant	
A. N. Bennett*, Assistant	
Paul Anders, Assistant in Glass Blowing (12 mos.)	1,800
Scott C. Taylor, Assistant (three-fourths time; 10 mos.)	900
Lloyd Brelsford Howell, Assistant (three-fourths time; 10 mos.).....	900
Floyd E. Rowland, Assistant (one-half time; 10 mos.).....	600
William A. Van Winkle, Assistant (one-half time; 10 mos.)	600
Jay T. Ford, Assistant (one-half time; 10 mos.)	600
Alfred R. Powell, Assistant (one-half time; 10 mos.)	600
John F. G. Hicks, Assistant (one-half time; 10 mos.)	600
Harry J. Beattie, Assistant (one-half time; 10 mos.)	600
Ralph E. Rindfusz, Assistant (one-half time; 10 mos.)	600
Lansing S. Wells, Assistant (one-half time; 10 mos.)	600
Leonard F. Yntema, Assistant (one-half time; 10 mos.)	500
James H. Olewine, Assistant (one-half time; 10 mos.).....	600
John B. Brown, Assistant (one-half time; 10 mos.).....	500
George L. Schwarz, Assistant (one-half time; 10 mos.).....	500
R. W. Hufferd, Assistant (one-half time; 10 mos.)	500
William L. McClure, Assistant (one-half time; 10 mos.)	500
Herbert E. French, Assistant (one-half time; 10 mos.)	500
Miner M. Austin, Assistant (one-half time; 10 mos.)	500
Carl S. Marvel, Assistant (one-half time; 10 mos.).....	500
Russell S. Bracewell, Assistant (one-half time; 10 mos.)	600
Ruth E. Merling, Assistant (one-half time; 10 mos.)	500
Lynne H. Ulich, Graduate Assistant (10 mos.)	350
S. G. Powell, Graduate Assistant (10 mos.)	350
Isaac H. Godlove, Graduate Assistant (10 mos.)	350

*Salary under Water Survey.

Otis A. Barnes, Graduate Assistant (10 mos.)	350
L. H. Ryerson, Graduate Assistant (10 mos.)	350
Russell W. Millar, Graduate Assistant (10 mos.)	350
A. A. Christman, Graduate Assistant (10 mos.)	300
Ralph H. Dean, Graduate Assistant (10 mos.)	300
Ivar N. Hultman, Graduate Assistant (10 mos.)	300
Clarence E. Sims, Graduate Assistant (10 mos.)	300
Hubert W. Moore, Graduate Assistant (10 mos.)	300
Arthur E. Brooks, Graduate Assistant (10 mos.)	300
Rosslie M. Arnold, Graduate Assistant (10 mos.)	300
A. W. Hayford, Student Assistant (10 mos.)	100
S. Keitoku, Student Assistant (10 mos.)	100
N. O. Taylor, Student Assistant (10 mos.)	100
M. G. S. Rao, Student Assistant (10 mos.)	100
I. Morton, Student Assistant (10 mos.)	100
————, Student Assistant (10 mos.)	100
Mayme L. Smith, Clerk and Stenographer (C. S.)	840
Rhea Held, Stenographer (C. S.)	660
C. C. Crawford, Storekeeper (C. S.)	960
Thomas Peel, Laboratory Helper (C. S.)	840
Forrest Mock, Assistant Storekeeper (C. S.)	780
O. J. Utterbach, Laboratory Helper (C. S.)	720
A. D. Ater, Laboratory Helper (C. S.)	660
C. E. Dalton, Laboratory Helper (C. S.)	720
O. C. McMillan, Assistant Storekeeper (C. S.)	660
Paul Williamson, Mechanician (C. S.; 10 mos.)	1,000
John Roe, Laboratory Helper (C. S.)	420
<i>Total, Chemistry</i>	\$ 70,560

Classics

Herbert J. Barton, Professor of the Latin Language and Literature (Indef.) and Chairman (1 yr.)	\$ 3,500
Charles M. Moss, Professor of Greek (Indef.)	3,000
William A. Oldfather*, Professor (Indef.)	2,250
Arthur S. Pease, Professor (Indef.) and Curator of the Museum of Classical Archeology (1 yr.)	3,000
Howard V. Canter†, Associate Professor (Indef.) and Assistant Dean of the College of Liberal Arts and Sciences (1 yr.)	2,700
————, Assistant (5 mos.)	650
<i>Total</i>	\$ 15,100

*On leave of absence on half salary, second semester.

†Total salary \$2,900; balance (\$200) under Office of the Dean.

Education

Charles H. Johnston, Professor (Indef.) and Chairman (1 yr.).....	\$ 3,750
Horace A. Hollister*, Professor (Indef.) and High School Visitor (1 yr.)	
Guy Montrose Whipple**, Professor (Indef.)	2,000
W. W. Charters, Professor (Indef.)	4,000
David Spence Hill, Acting Professor (5 mos. from Sept. 1, 1917).....	1,500
John A. Stevenson, Lecturer in Education and Secretary of Department (10 mos. from June 15, 1917)	2,100
James W. O'Gorman, Lecturer (10 mos.)	1,800
Harriet J. Berninger, Assistant (10 mos.)	1,100
Warren Kenneth Layton, Assistant (one-half time; 10 mos.)	600
Donna Belle Merchant, Stenographer (C. S.).....	800
Ida Luther, Stenographer (C. S.)	600
Total	\$ 18,250

English

Stuart P. Sherman, Professor (Indef.) and Chairman (1 yr.).....	\$ 5,500
Daniel K. Dodge, Professor (Indef.)	3,250
Thomas A. Clark†, Professor of Rhetoric (Indef.) and Dean of Men (1 yr.)	500
Ernest Bernbaum, Professor (Indef.)	3,250
Edward Fulton‡, Associate Professor (Indef.)	
Harry G. Paul, Associate Professor (Indef.)	3,000
Edward C. Baldwin, Assistant Professor (Indef.)	2,100
Franklin W. Scott, Assistant Professor (Indef.) and Secretary (1 yr.)	2,500
H. S. V. Jones, Assistant Professor (Indef.)	2,400
Jacob Zeitlin, Assistant Professor (3 yrs. from Sept. 1, 1916).....	2,000
C. V. Boyer, Associate (2 yrs. from Sept. 1, 1916).....	1,800
H. L. Creek, Associate (2 yrs. from Sept. 1, 1916)	1,700
Gertrude Schoepperle, Associate (2 yrs. from Sept. 1, 1916).....	1,500
Harry F. Harrington, Associate (1 yr.)	2,000
Harold N. Hillebrand, Associate (2 yrs. from Sept. 1, 1916)	1,700
Martha J. Kyle, Instructor (10 mos.)	1,500
Clarissa Rinaker, Instructor (10 mos.)	1,300
Mervin J. Curl, Instructor (10 mos.)	1,500
Easley S. Jones, Instructor (10 mos.)	1,300
Roger Loomis, Instructor (10 mos.)	1,300
_____, Instructor (10 mos.)	1,300
Robert C. Whitford, Instructor (10 mos.)	1,200
Allene Gregory, Instructor (10 mos.)	1,200
S. B. Hustvedt, Instructor (10 mos.)	1,200
H. T. Baker, Instructor (10 mos.)	1,300

*Salary (\$3,500) under Office of the High School Visitor.

**On leave of absence without salary, first semester.

†Total salary \$6,000; balance (\$5,000) under Office of the Dean of Men.

‡On leave of absence without salary.

John J. Parry, Instructor (10 mos.)	1,200
Lew R. Sarett, Instructor (10 mos.)	1,700
Hamilton J. Smith, Instructor (10 mos.)	1,200
R. B. Weirick, Instructor (10 mos.)	1,300
Emerson G. Sutcliffe, Instructor (10 mos.)	1,200
Sada Harbarger, Assistant (10 mos.)	1,000
Ruth Kelso, Assistant (10 mos.)	1,100
James Manley Phelps, Assistant (10 mos.)	1,200
Louis J. Bredvold, Assistant (10 mos.)	1,100
C. C. Harbison, Assistant (10 mos.)	1,200
Frederic I. Myers, Assistant (10 mos.)	1,000
Gerald D. Stopp, Assistant (10 mos.)	1,000
Beatrice Copley, Assistant (10 mos.)	1,000
Paul N. Landis, Assistant (one-half time; 10 mos.)	600
Soltan Engel, Assistant (one-half time; 10 mos.)	600
Frances Garwood, Stenographer (C. S.)	780

<i>Total, English</i>	\$ 63,580
<i>Deduct for resignations of men in military service</i>	690
<i>Balance, English</i>	\$ 62,890

Entomology

Stephen A. Forbes, Professor (Indef.)	\$ 1,000
Alexander D. McGillivray, Professor (Indef.)	3,000
Justus W. Folsom, Assistant Professor (Indef.)	2,500
Robert D. Glasgow, Instructor (10 mos.)	1,500
Edna Mosher, Instructor (10 mos.)	1,300
J. R. Stear, Assistant (one-half time; 10 mos.)	600
_____, Assistant (one-half time; 10 mos.)	500

<i>Total</i>	\$ 10,400
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Geology

Eliot Blackwelder, Professor (Indef.)	\$ 4,000
William S. Bayley, Professor (Indef.)	3,000
Thomas E. Savage, Associate Professor (Indef.)	2,700
John L. Rich, Associate (1 yr.)	1,800
C. W. Tomlinson, Associate (2 yrs. from Sept. 1, 1917)	1,800
Francis M. Van Tuyl, Instructor (10 mos.)	1,300
Luther E. Kennedy, Assistant (one-half time; 10 mos.)	600
R. D. Reed, Assistant (one-half time; 10 mos.)	500
_____, Stenographer (C. S.)	400

<i>Total</i>	\$ 16,100
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German

Julius Goebel, Professor (1 yr.)	\$ 3,750
Otto E. Lessing, Professor (Indef.)	3,500
George T. Flom, Associate Professor of Scandinavian (Indef.)	2,800
Neil C. Brooks, Assistant Professor (Indef.) and Curator of the Museum of European Culture (1 yr.)	2,500
Leonard Bloomfield, Assistant Professor of Comparative Philology and German (3 yrs. from Sept. 1, 1916)	2,200
Charles A. Williams, Associate (2 yrs. from Sept. 1, 1916)	1,700
Daisy L. Blaisdell, Instructor (10 mos.)	1,100
Armin H. Koller, Instructor (10 mos.)	1,600
Heinrich W. Nordmeyer, Instructor (10 mos.)	1,500
Oscar F. W. Fernsemer, Instructor (10 mos.)	1,500
Maximilian J. Rudwin, Instructor (10 mos.)	1,400
Bernhard A. Uhlendorf, Assistant (10 mos.)	1,000
<i>Total</i>	\$ 24,550

History

Evarts B. Greene, Professor (Indef.)	\$ 5,000
Clarence W. Alvord, Professor (one-half time; indef.)	1,750
Laurence M. Larson, Professor (Indef.)	3,700
Albert H. Lybyer, Professor (Indef.)	3,000
A. T. Olmstead, Professor (Indef.)	3,000
William S. Robertson, Assistant Professor (Indef.)	2,500
Arthur C. Cole, Assistant Professor (1 yr.)	2,000
Paul V. B. Jones, Associate (2 yrs. from Sept. 1, 1916)	1,900
Theodore C. Pease, Associate (1 yr.)	1,500
Jay E. Miller, Instructor (three-fourths time; 10 mos.)	900
Elizabeth P. Brush, Assistant (three-fourths time; 10 mos.)	900
_____, Secretary (one-half time; 10 mos.)	400
<i>Total</i>	\$ 26,550

Mathematics

Edgar J. Townsend, Professor (Indef.)	\$ 4,500
George A. Miller, Professor (Indef.)	3,500
Henry L. Rietz*, Professor (Indef.)	1,900
James B. Shaw, Associate Professor (Indef.)	3,000
Arnold Emch, Assistant Professor (3 yrs. from Sept. 1, 1916)	2,500
Charles H. Sisam, Assistant Professor (1 yr.)	2,200
Robert D. Carmichael, Assistant Professor (3 yrs. from Sept. 1, 1915)	2,500
Arthur R. Crathorne, Assistant Professor (3 yrs. from Sept. 1, 1916)	2,200
Ernest B. Lytle, Associate (2 yrs. from Sept. 1, 1916)	1,900

*Total salary \$3,100; receives \$1,200 as Statistician in the Agricultural Experiment Station.

Gustaf E. Wahlin, Associate (1 yr.)	1,800
Aubrey J. Kempner, Associate (1 yr.)	1,800
F. W. Reed*, Instructor (one-half time; 10 mos.)	700
-----, Assistant (one-half time; 10 mos.)	600
A. W. Larson, Assistant (one-half time; 10 mos.)	500
Edward W. Chittenden, Instructor (10 mos.)	1,500
John R. Musselman, Instructor (10 mos.)	1,200
L. M. Kells, Instructor (10 mos.)	1,200
Roscoe Woods, Assistant (one-half time; 10 mos.)	500
H. M. Bassler, Assistant (one-half time; 10 mos.)	500
Raymond Borden, Assistant (one-half time; 10 mos.)	600
Clarence H. Richardson, Assistant (one-half time; 10 mos.)	600
H. D. Frary, Assistant (one-half time; 10 mos.)	600
W. E. Edington, Assistant (one-half time; 10 mos.)	500

Total, Mathematics\$ 36,900

Philosophy

Arthur H. Daniels, Professor (Indef.)	\$ 4,000
Boyd H. Bode, Professor (Indef.)	3,500
Queen L. Shepherd, Instructor (10 mos.)	1,400
<i>Total</i>	\$ 8,900

Physiology

William E. Burge, Assistant Professor (3 yrs. from Sept. 1, 1915)....	\$ 2,600
Alma J. Neill, Assistant (10 mos.)	1,000
Richard Ashman, Assistant (10 mos.)	1,200
<i>Total</i>	\$ 4,800

Political Science

James W. Garner, Professor (Indef.)	\$ 4,500
John A. Fairlie, Professor (Indef.)	3,500
John M. Mathews, Associate Professor (Indef.)	2,700
Russell M. Story, Associate (1 yr.)	1,900
Robert E. Cushman, Instructor (10 mos.)	1,400
<i>Total</i>	\$ 13,900

Psychology

Madison Bentley, Professor (Indef.)	\$ 3,500
Christian A. Ruckmich, Assistant Professor (1 yr.)	2,000
Carl Rahin, Instructor (10 mos.)	1,600
Gerold C. Wichmann, Assistant (one-half time; 10 mos.)	600
Coleman R. Griffith, Assistant (one-half time; 10 mos.)	600
-----, Mechanician (C. S.)	500
<i>Total</i>	\$ 8,800

*Total salary \$1,400; balance (\$700) under department of Astronomy.

Romance Languages

Kenneth McKenzie, Professor (Indef.) and Head of the Department (1 yr.)	\$ 4,000
Thomas E. Oliver, Professor (Indef.)	3,000
John D. Fitz-Gerald, Professor of Spanish (Indef.)	3,000
David H. Carnahan, Professor (Indef.)	3,000
Arthur R. Seymour*, Associate, and Adviser to Foreign Students (1 yr.)	2,000
Olin H. Moore, Associate (1 yr.)	1,700
Joseph E. Gillet, Associate (1 yr.)	1,700
John Van Horn, Instructor (10 mos.)	1,500
Charles S. Carry, Assistant (10 mos.)	1,300
Rafael A. Soto, Assistant (10 mos.)	1,100
Herbert K. Stone, Assistant (10 mos.)	1,000
John R. Shulters, Assistant (one-third time; 10 mos.)	375
Park Powell, Assistant (10 mos.)	1,000
Manuel Lopez, Assistant (10 mos.)	1,000
Pedro Bach y Rita, Assistant (10 mos.)	1,000
Jane Watson, Assistant (10 mos.)	1,000
Eliza Curtis, Assistant (one-half time; 10 mos.)	500
<i>Total</i>	\$ 28,175

Sociology

Edward C. Hayes, Professor (Indef.)	\$ 3,500
James G. Stevens, Associate (2 yrs. from Sept. 1, 1916)	1,600
Herbert K. Dennis, Assistant (10 mos.)	1,100
<i>Total</i>	\$ 6,200

Zoology

Henry B. Ward, Professor (Indef.)	\$ 5,000
Frank Smith, Professor (Indef.) and Curator of the Museum of Natural History (1 yr.)	3,000
John S. Kingsley, Professor (Indef.)	3,500
Charles Zeleny, Professor (Indef.)	3,000
Victor E. Shelford, Assistant Professor (part-time; 1 yr.)	2,200
Harley J. Van Cleave, Associate (2 yrs. from Sept. 1, 1916)	1,700
E. C. Faust, Instructor (10 mos.)	1,200
—————, Assistant (one-half time; 10 mos.)	700
Joseph Kafka, Research Assistant (10 mos.)	600
Ezra C. Harrah, Research Assistant (10 mos.)	600
Florence Hague, Assistant (one-half time; 10 mos.)	500
J. R. Christie, Assistant (one-half time; 10 mos.)	500
Gertrude Hooper, Graduate Assistant (10 mos.)	350

*Total salary \$2,500; balance (\$500) under Office of Adviser to Foreign Students.

Henry E. Schradieck, Graduate Assistant (10 mos.)	350
Lloyd B. Dickey, Graduate Assistant (10 mos.)	350
Lyell J. Thomas, Graduate Assistant (10 mos.)	300
Katherine H. Paul, Scientific Artist (10 mos.)	1,200
Robert Schmidt, Technician and Storekeeper (12 mos. from July 1, 1917)	1,200
_____, Vivarium Attendant	250
Dorothy Gilman, Stenographer (C. S.)	500

<i>Total, Zoology</i>	\$ 26,900
<i>Grand total of salaries, College of Liberal Arts and Sciences</i>	\$ 420,435

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Office of the Dean

N. A. Weston, Acting Dean (1 yr.) and Assistant Professor of Economics (Indef.)	\$ 3,250
Marie A. Gordon, Clerk and Stenographer (C. S.)	840
<i>Total</i>	\$ 4,090

Business Organization and Operation

L. E. Young, Associate Professor of Business Organization and Operation (1 yr.)	\$ 3,250
H. T. Scovill, Assistant Professor of Accountancy (3 yrs. from Sep- tember 1, 1917)	3,000
Harrison McJohnston, Associate in Business English and Salesman- ship (1 yr.)	2,250
A. C. Littleton, Instructor in Accountancy (10 mos.)	1,800
Charles Le Deuc, Instructor in Accountancy (10 mos.)	1,800
W. E. Britton, Instructor in Business Law (10 mos.)	1,800
Lloyd Morey*, Acting Comptroller and Instructor in Accountancy (1 yr.)	
G. H. Newlove, Assistant in Accountancy (10 mos.)	1,000
<i>Total</i>	\$ 14,900

Economics

David Kinley†, Vice-President and Dean of the Graduate School (1 yr.) and Professor of Economics (Indef.)	
M. H. Robinson, Professor of Industry and Transportation (Indef.)	\$ 3,500
E. L. Bogart, Professor of Economics (Indef.)	3,500
N. A. Weston‡, Acting Dean (1 yr.) and Assistant Professor of Economics (Indef.)	

*Salary, \$2,500, under Business Office.

†Salary (\$7,000) under Graduate School and Office of Vice-President.

‡Salary (\$3,250) under Office of Dean.

C. M. Thompson, Associate Professor of Economics (2 yrs. from Sept. 1, 1917)	3,000
Simon Litman, Assistant Professor of Economics (Indef.)	2,750
J. G. Thompson, Instructor in Economics (10 mos.)	2,000
H. F. Hoagland, Instructor in Economics (10 mos.)	2,250
C. L. Stewart, Instructor in Economics (10 mos.)	2,000
Gordon Watkins, Instructor in Economics (10 mos.)	1,200
M. H. Hunter, Instructor in Economics (10 mos.)	1,500
W. H. Dreesen, Assistant in Economics (10 mos.)	800
W. W. Jennings, Assistant in Economics (10 mos.)	1,000
<i>Total</i>	\$ 23,500

Transportation

E. R. Dewsnap, Professor of Railway Administration (Indef.)	\$ 3,500
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Office of the Community Adviser

R. E. Hieronymus*, Community Adviser (1 yr.)	\$ 1,500
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<i>Total salaries, College of Commerce and Business Administration</i>	\$ 47,490
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COLLEGE OF ENGINEERING**Office of the Dean**

Charles R. Richards, Dean of the College of Engineering and Director of the Engineering Experiment Station (Indef.)	\$ 6,000
Harvey H. Jordan†, Assistant Dean of the College of Engineering (1 yr.) and Assistant Professor of General Engineering Drawing (1 yr.)	200
L. Mae Manspeaker, Secretary to the Dean (C. S.)	1,200
Sara M. Slater, Stenographer (C. S.)	840
Myrtle E. Heater, Record Clerk (C. S.)	840
Genevieve O. Klank, Stenographer (C. S.)	660
Arete C. Covey, Stenographer (C. S.)	660
Elsie Baechtold, Librarian in the Engineering Library (C. S.)	1,200
<i>Total</i>	\$ 11,600

Architecture

_____, Professor of Architecture and Head of the Department (Indef.)	
Loring H. Provine, Professor of Architectural Engineering (Indef.)	\$ 3,500
Acting Head of the Department (1 yr.)	500

*Total salary \$3,000; balance (\$1,500) under Agricultural Extension.

†In addition to salary of \$2,000 under Department of General Engineering Drawing.

James M. White*, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 yr.)	
_____, Professor of Architectural Design, (Indef.)	4,000
Newton A. Wells, Professor of Architectural Decoration (Indef.)....	2,500
Percy Ash, Assistant Professor of Architectural Design (3 yrs. from Sept. 1, 1915)	2,500
William C. Titcomb, Assistant Professor of Architecture (3 yrs. from Sept. 1, 1916)	2,200
Charles R. Clark, Assistant Professor of Architectural Construction (3 yrs. from Sept. 1, 1915)	2,400
Robert T. Jones, Associate in Architecture (1 yr.)	1,900
Rhodes Robertson, Associate in Architectural Design (1 yr.).....	1,700
Ralph S. Fanning, Instructor in Architectural Design (10 mos.).....	1,500
William S. Wolfe, Instructor in Architectural Engineering (10 mos.)	1,500
William M. Stanton, Instructor in Architecture (10 mos.).....	1,500
Carl V. Burger, Instructor in Architectural Design (10 mos.).....	1,500
Lemuel C. Dillenback, Instructor in Architectural Design (10 mos.)..	1,500
Ralph E. Muehlman, Instructor in Architectural Design (10 mos.).....	1,500
Cyrus E. Palmer, Instructor in Architectural Engineering (10 mos.)..	1,600
Joseph E. Burgess, Instructor in Free-hand Drawing (10 mos.).....	1,400
Owen J. T. Southwell, Instructor in Architectural Design (10 mos.)	1,300
Winifred Fehrenkamp, Librarian in the Ricker Library of Archi- tecture (12 mos.)	1,300
Doris Houser, Clerk (C. S.)	600
<i>Total</i>	\$ 36,400

Ceramic Engineering

Edward W. Washburn, Professor of Ceramic Chemistry and Head of the Department of Ceramic Engineering (Indef.)	\$ 5,000
Cullen W. Parmelee, Professor Ceramic Engineering (Indef.)	3,500
Ralph K. Hursh, Assistant Professor (3 yrs. from Sept. 1, 1916)....	2,500
Howard C. Arnold, Instructor (10 mos.)	1,600
E. E. Libman, Assistant (10 mos.)	700
_____, Potter, (C. S.)	1,200
_____, Assistant (one-half time; 10 mos.)	400
_____, Laboratory Attendant (C. S.)	780
Bertha M. Grierson, Clerk and Librarian (C. S.)	660
<i>Total</i>	\$ 16,340

Civil Engineering

Frederick H. Newell, Professor of Civil Engineering and Head of the Department (Indef.)	\$ 5,000
Ira O. Baker, Professor (Indef.)	4,000
Charles A. Ellis, Professor of Structural Engineering (Indef.).....	3,000

*Salary (\$5,000) under Office of the Supervising Architect.

James E. Smith, Assistant Professor (3 yrs. from Sept. 1, 1916).....	2,000
C. Stanley Sale*, Assistant Professor of Civil Engineering and Assistant to the Director of the Engineering Experiment Station (1 yr.)	1,500
Neal B. Garver, Associate (1 yr.)	1,800
Carroll C. Wiley, Associate (1 yr.)	1,700
William H. Rayner, Associate (1 yr.)	1,700
Raymond E. Davis, Associate (1 yr.)	1,700
Camillo Weiss, Instructor in Structural Engineering (10 mos.).....	1,000
Benjamin L. Bowling, Assistant in Highway Laboratory (12 mos.)....	1,200
Louise A. Lietz, Clerk (C. S.)	660
<i>Total</i>	\$ 25,360

Electrical Engineering

_____, Professor of Electrical Engineering and Head of the Department (Indef.)	
Elery B. Paine, Professor of Electrical Engineering (Indef.) and Acting Head of the Department (1 yr.)	\$ 3,500
Morgan Brooks, Professor (Indef.)	3,000
Edward H. Waldo, Assistant Professor of Electrical Design (Indef.)	2,200
Philip S. Biegler, Assistant Professor (3 yrs. from Sept. 1, 1915)....	2,200
Ira W. Fisk, Assistant Professor (1 yr.)	2,100
Leonard V. James, Associate (1 yr.)	1,800
Abner R. Knight, Associate (1 yr.)	1,800
_____, Instructor in Electrical Engineering (10 mos.)	1,200
Walter S. Goodspeed, Mechanician (C. S.)	1,200
Rachel Entorf, Clerk (C. S.)	660
<i>Total</i>	\$ 19,660

General Engineering Drawing

Harvey H. Jordan†, Assistant Professor and Assistant Dean (1 yr.)\$	2,000
Francis M. Porter, Associate (1 yr.)	1,600
Rufus Crane, Instructor (10 mos.)	1,300
Clarence A. Atwell, Instructor (10 mos.)	1,300
Leo S. Baldwin, Instructor (10 mos.)	1,000
Merton F. Banks, Instructor (10 mos.)	1,100
_____, Instructor (10 mos.)	1,200
Robert E. Murphy, Assistant (one-half time; 10 mos.)	350
<i>Total</i>	\$ 9,850

*Total salary \$3,500; balance (\$2,000) under Engineering Experiment Station.

†Total salary \$2,200; balance (\$200) as Assistant Dean.

Mechanical Engineering

Charles R. Richards*, Acting Professor of Mechanical Engineering and Head of the Department	
George A. Goodenough, Professor of Thermodynamics (Indef.).....\$	4,000
Oscar A. Leutwiler, Professor of Machine Design (Indef.).....	3,200
-----, Professor of Experimental Mechanical Engineering, (Indef.)	3,500
Arthur C. Willard, Professor of Heating and Ventilation (Indef.)..	3,200
-----, Associate (1 yr.)	1,800
Robert E. Kennedy, Associate in Foundry Practise (2 yrs. from Sept. 1, 1916)	1,800
Harry F. Godeke, Associate in Steam Engineering (1 yr.).....	1,700
Gustav H. Radebaugh, Associate in Machine Shop Management and Practise, and Acting Director of the Shop Laboratories (1 yr.)	1,800
Gustave A. Gros, Associate in Pattern-making (1 yr.).....	1,700
Arthur C. Harper, Associate in Machine Design (1 yr.)	1,700
-----, Instructor in Machine Design (10 mos.)	1,700
William H. Severns, Instructor in Mechanical Engineering (10 mos.)	1,300
Cleon E. Phelps, Assistant to the Director of the Shop Laboratories and Instructor in Shop Management (March 1, 1917, to Sept 1, 1918)	1,800
Claude L. Harrell, Instructor (10 mos.)	1,400
Edgar T. Lanham, Instructor in Forge Work (10 mos.)	1,200
Jeremiah A. De Turk, Instructor in Machine Shop Practise (10 mos.)	1,500
J. Harvey Hogue, Instructor in Foundry Practise (10 mos.).....	1,300
Will D. Moyer, Instructor (10 mos.)	1,300
James M. Duncan, Assistant in Pattern-making (10 mos.)	1,100
Peter J. Rebman, Assistant in Forge Work (10 mos.)	1,100
John A. Frisk, Assistant in Mechanical Engineering and Mechanician in the Mechanical Engineering Laboratory (12 mos.).....	1,200
William E. Alley, Assistant in Mechanical Engineering and Mechanician in the Mechanical Engineering Laboratory (C. S.)	1,400
William T. Pope, Mechanician in the Shop Laboratories (14 mos.) from July 1, 1917; C. S.)	1,200
Vincent S. Day, Scientific Assistant and Draftsman (10 mos.)	800
Avon J. Nickerson, Tool-Room Attendant in the Mechanical Engineering Laboratory (C. S.)	720
Henry C. Boswell, Assistant Mechanician in the Shop Laboratories (C. S.)	660
William C. Deem, Tool-Room Attendant in the Machine Shop (C. S.)	600
Thomas C. Byland, Tool-Room Attendant in the Pattern Shop (C. S.)	720
Margaret L. Hayes, Clerk (C. S.)	720
Total	\$ 46,120

*Salary (\$6,000) under Administration.

Mining Engineering

Harry H. Stock, Professor of Mining Engineering and Head of the Department (Indef.)	\$ 5,000
Elmer A. Holbrook, Professor of Mineral Preparation and Utilization (Indef.)	3,200
Clinton M. Young*, Assistant Professor of Mining Research (1 yr. from July 1, 1917)	
Alfred C. Callen, Associate (2 yrs. from Sept. 1, 1916)	1,800
Herman J. Vanderbeek, Mechanician (14 mos. from July 1, 1917) (C. S.)	1,020
Florence A. Nyberg, Clerk (C. S.)	720
<i>Total</i>	\$ 11,740

Municipal and Sanitary Engineering and Theoretical and Applied Mechanics

Arthur N. Talbot, Professor of Municipal and Sanitary Engineering; in Charge of Theoretical and Applied Mechanics (Indef.)....	\$ 5,000
Melvin L. Enger, Associate Professor of Mechanics and Hydraulics (1 yr.)	2,800
Virgil R. Fleming, Assistant Professor of Applied Mechanics (1 yr.)	2,000
Fred B. Seeley, Assistant Professor of Theoretical and Applied Mechanics (1 yr.)	2,200
George P. Boomsliter, Associate in Theoretical and Applied Mechanics (1 yr.)	1,900
Newton E. Ensign, Associate in Theoretical and Applied Mechanics (1 yr.)	1,800
William J. Putnam, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,500
Harold M. Westergaard, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,500
Solomon C. Hollister, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,300
Frank E. Richart, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,300
Robert Pergande, Mechanician (C. S.)	1,260
Geneva W. Hierman, Clerk (C. S.)	600
<i>Total</i>	\$ 23,160

*Salary (\$2,400) under Coal Mining Investigations.

Physics

Albert P. Carman, Professor of Physics and Head of the Department (Indef.)	\$ 5,000
Charles T. Knipp, Professor of Experimental Electricity (Indef.)....	3,200
Floyd R. Watson, Professor of Experimental Physics (Indef.).....	3,200
Jakob Kunz, Associate Professor of Mathematical Physics (Indef.)	2,750
William F. Schulz, Assistant Professor (Indef.)	2,200
Elmer H. Williams, Associate (2 yrs. from Sept. 1, 1916)	2,000
———, Assistant (one-half time; 10 mos.)	500
Earle H. Warner, Instructor (10 mos.)	1,200
Sebastian Karrer, Instructor (10 mos.)	1,100
Bird R. Stephenson, Assistant (10 mos.)	800
Edwin C. Fritts, Assistant (one-half time; 10 mos.)	500
Roy A. Nelson, Assistant (10 mos.)	750
Carl E. Pike, Assistant (part-time; 10 mos.)	600
Charles F. Hill, Assistant (10 mos.)	1,000
E. Frances Seiler, Assistant (part-time; 10 mos.)	500
James B. Hayes, Mechanician and Instrument Maker (C. S.).....	1,500
———, Assistant Mechanician (C. S.)	1,000
Henry T. Wyninger, Storekeeper (C. S.)	840
Della M. Rogers, Clerk (C. S.)	660
<i>Total</i>	\$ 29,300

Railway Engineering

Edward C. Schmidt, Professor of Railway Engineering and Head of the Department (Indef.)	\$ 4,500
John M. Snodgrass, Assistant Professor of Railway Mechanical Engineering (1 yr.)	2,800
Alonzo M. Buck, Assistant Professor of Railway Electrical Engineering (3 yrs. from Sept. 1, 1915)	2,200
Milton Ressler, Mechanician (C. S.)	960
Bertha G. States, Clerk (C. S.)	720
<i>Total</i>	\$ 11,180

Engineering Experiment Station

Charles R. Richards*, Dean of the College of Engineering and Director of the Engineering Experiment Station (Indef.).....	
C. Stanley Sale†, Assistant to the Director and Assistant Professor of Civil Engineering (1 yr.)	\$ 2,000
Herbert F. Moore, Research Professor of Engineering Materials in the Department of Theoretical and Applied Mechanics (Indef.)	3,200

*Salary (\$6,000) under Administration.

†Total salary \$3,500; balance (\$1,500) under Department of Civil Engineering.

Samuel W. Parr*, Professor of Applied Chemistry in the Department of Chemistry (Indef.)	2,000.00
Willis A. Slater†, Research Assistant Professor of Applied Mechanics in the Department of Theoretical and Applied Mechanics (3 yrs. from Sept. 1, 1915)	1,283.33
Alonzo P. Kratz, Research Associate in the Department of Mechanical Engineering (1 yr.)	1,900.00
Harrison F. Gonnerman, Research Associate in the Department of Theoretical and Applied Mechanics (12 mos.)	2,200.00
Harold H. Dunn, Research Associate in the Department of Railway Engineering (12 mos.)	2,000.00
Walter A. Gatward, Research Assistant in the Department of Electrical Engineering (12 mos.)	1,500.00
Frank F. Footitt, Research Assistant in the Department of Ceramic Engineering (12 mos.)	1,000.00
_____, Assistant (5 mos.)	600.00
_____, Draftsman	1,200.00
Louise Jenkins, Editorial Assistant (C. S.)	780.00
Sadie A. Jones, Stenographer (C. S.)	660.00
Dewey R. Watson, Mailing Clerk (C. S.)	600.00
<i>Total</i>	\$20,923.33

Coal Mining Investigations

Clinton M. Young, Assistant Professor of Mining Research (1 yr. from July 1, 1917)	\$2,400.00
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Grand Total of salaries, College of Engineering, Engineering Experiment Station, and Coal Mining Investigations.....\$264,033.33

COLLEGE OF AGRICULTURE

Administration

Eugene Davenport, Dean of the College, Director of the Station and Director of the Agricultural Extension Service (1 yr.), and Professor of Thremmatology (Indef.)	\$ 6,000
Henry Lewis Rietz‡, Statistician in Experiment Station (Indef.)	1,200
Anna Cushman Glover, Secretary, Station (12 mos.; Federal)	1,800
_____, Chief Editorial Assistant, Station (12 mos.; Federal)	1,200
Winona C. Hyland, Secretary to Dean and Director, College and Station (12 mos.; Federal)	1,200
Gladys A. Sheldon, University Secretary (12 mos.; Federal)	840
Hiram H. Wheeler, Clerk (C. S.)	1,020
<i>Total</i>	\$13,260

*Total salary \$4,000; balance (\$2,000) under Department of Chemistry of the College of Liberal Arts and Sciences.

†Absent on leave, September 1-February 1, 1918; without salary.

‡Total salary \$3,100; balance (\$1,900) under Mathematics.

Agricultural College Extension

Fred Henry Rankin, Superintendent of Agricultural College Extension (Indef.), and Assistant to the Dean, College, (1 yr.).....	\$ 3,500
Robert Enoch Hieronymus*, Community Adviser (1 yr.)	1,500
Albert Woodward Jamison, Assistant Superintendent of Agricultural College Extension, College (3 yrs. from Sept. 1, 1915).....	2,500
Aretas Wilbur Nolan, Assistant Professor of Agricultural Extension, College (Indef.)	2,400
James H. Greene, State Leader in Junior Extension (1 yr.).....	1,800
Joseph Harvey Checkley, Associate in Agricultural College Extension and Student Adviser (12 mos.)	1,800
Alice V. Hamilton, Student Record Keeper (C. S.)	1,200
————, Stenographer	720
<i>Total</i>	\$15,420

Agronomy

Cyril G. Hopkins, Professor of Agronomy, College, Chief in Agronomy and Chemistry, Station (Indef.), and Vice-Director of the Station (1 yr.)	\$ 5,500
Jeremiah G. Mosier, Professor of Soil Physics, College, and Chief in Soil Physics, Station (Indef.)	4,000
Louie Henrie Smith, Professor of Plant Breeding, College, and Chief in Plant Breeding, Station (Indef.)	3,500
Robert Stewart, Associate Professor of Soil Fertility, College, and Associate Chief in Soil Fertility, Station (2 yrs. from Sept. 1, 1916)	\$ 3,000
William L. Burlison, Associate Professor of Crop Production, College, and Associate Chief in Crop Production, Station (3 yrs. from Sept. 1, 1915)	2,800
Ernest Van Alstine, Assistant Chief in Charge of Soils Laboratory, Station (3 yrs. from Sept. 1, 1915)	2,500
Axel Ferdinand Gustafson, Assistant Professor of Soil Physics, College, and Assistant Chief in Soil Physics, Station (1 yr.)....	2,400
Albert Lemuel Whiting, Assistant Professor of Soil Biology, College and Assistant Chief, Station (1 yr.)	2,400

*Total salary \$3,000; balance (\$1,500) under College of Commerce.

Walter Byron Gernert, Assistant Professor of Plant Breeding, College, and Assistant Chief, Station (1 yr.)	2,400
Henry Clyde Wheeler, Associate in Soil Physics, Station (1 yr.)....	2,000
Ward H. Sachs, Associate in Soil Analysis, Station (1 yr.)	1,800
Joseph Paul Aumer, Associate in Soil Analysis, Station (1 yr.).....	1,800
John Ezra Whitchurch, Associate in Soil Fertility, Station (1 yr.)....	1,800
Frank William Garrett, Associate in Soil Fertility, Station (12 mos.)	1,800
Frederick Charles Bauer, Associate in Soil Fertility, College and Station (1 yr.)	2,100
Forrest Addison Fisher, Associate in Soil Physics, College and Station (12 mos.)	1,800
Frederick Martin William Wascher, Associate in Soil Physics, Station (12 mos.)	1,800
Robert William Dickenson, First Assistant in Soil Physics, Station (12 mos.)	1,600
Frank Archibald Wyatt, Associate in Soil Fertility, College and Station (12 mos.)	1,800
Wilber Roy Leighty, First Assistant in Soil Analysis, Station (12 mos.)	1,600
Arthur Maxwell Brunson, First Assistant in Plant Breeding, Station (12 mos.)	1,400
Orland I. Ellis, First Assistant in Soil Physics, Station (12 mos.)....	1,400
Harrison F. T. Fahrnkopf, First Assistant in Soil Fertility, Station (12 mos.)	1,400
George Edward Gentle, First Assistant in Soil Physics, Station (12 mos.)	1,400
Harry Charles Gilkerson, Instructor in Soil Fertility, College, and First Assistant in Soil Fertility, Station (12 mos.).....	1,400
Warren Rippey Schoonover, Instructor in Soil Fertility, College, and First Assistant in Soil Biology, Station (12 mos.).....	1,400
Howard John Snider, Instructor in Soil Fertility, College, and First Assistant in Soil Fertility, Station ((12 mos.)	1,400
Edward Harvey Walworth, Instructor in Crop Production, College, and First Assistant in Crop Production, Station (12 mos.).....	1,400
Edward Fritchoff Torgerson, Instructor in Soil Physics, College and First Assistant, Station (12 mos.)	1,400
Henry A. deWerff, First Assistant in Soil Physics, Station (12 mos.)	1,400
Hiram Foley Tuttle, Instructor in Soil Physics, College, and First Assistant in Soil Physics, Station (12 mos.)	1,400
Roy Hansen, Instructor in Soil Biology, College, and First Assistant in Soil Biology, Station (one-half time; 12 mos.).....	700
Washington Irving Brockson, Assistant in Crop Production, College and Station (12 mos.)	1,200
Clyde Maurice Linsley, Assistant in Soil Fertility, Station (12 mos.)	1,000
Everett E. Glick, Assistant in Soil Fertility, Station (12 mos.).....	1,000
Charles Thurman Hufford, Assistant in Soil Physics, Station (12 mos.)	1,000

J. Leonard St. John, Assistant in Soil Analysis, Station (12 mos.)....	1,000
John Pieper, Assistant in Crop Production, College and Station (12 mos.)	900
George Harlan Dungan, Assistant in Crop Production, College and Station (12 mos.)	900
———, Assistant in Farm Crops, Station and Extension	1,000
Willem Rudolfs, Assistant in Soil Analysis, Station (12 mos.)	1,000
Harry Clifford Hildebolt, Assistant in Soil Fertility, Station (12 mos.)	900
Emma L. Custer, Bookkeeper and Chief Clerk (C. S.)	900
Mary B. McMillen, Stenographer (C. S.)	840
Vera M. Davis, Stenographer (C. S.)	780
Sybil Nagle, Stenographer (C. S.)	780
Nellie Boucher, Computer (12 mos.; Federal)	720
Karolyn Smith, Stenographer (C. S.)	600
Alice Reed, Artist and Photographer (C. S.)	780

Division of Farm Mechanics

Earl Archibald White, Assistant Professor of Farm Mechanics, College (3 yrs. from Sept. 1, 1916)	\$ 2,500
Ira Wilmer Dickerson, Associate in Farm Mechanics, College (1 yr.)	1,800
Marvin Edward Jahr, Associate in Farm Mechanics, College (12 mos.)	1,800
Chester Otis Reed, Associate in Farm Mechanics, College (12 mos.)	1,800
Ray Iris Shawl, Assistant in Farm Mechanics, College (12 mos.) ...	1,000
Daniel Vaubel, University Secretary (C. S.)	960

Total, farm mechanics\$ 9,860

Total, agronomy\$89,860

Animal Husbandry

Herbert Windsor Mumford, Professor of Animal Husbandry, Col- lege, and Chief in Animal Husbandry, Station (Indef.).....	\$ 5,000
Harry Sands Grindley, Professor of Animal Nutrition, College, and Chief in Animal Nutrition, Station (Indef.)	4,000
Walter Castella Coffey, Professor of Sheep Husbandry, College, and Chief in Sheep Husbandry, Station (Indef.)	3,500
Robert Graham, Professor of Animal Pathology, College, and Chief in Animal Pathology, Station (3 yrs. from Sept. 1, 1917).....	3,000
James Lloyd Edmonds, Assistant Professor of Horse Husbandry, College, and Assistant Chief in Horse Husbandry, Station (3 yrs. from Sept. 1, 1916)	2,800
Henry Perly Rusk, Assistant Professor of Cattle Husbandry, Col- lege, and Assistant Chief in Cattle Husbandry, Station (3 yrs. from Sept. 1, 1916)	2,800
John Detlefsen, Assistant Professor of Genetics, College, and As- sistant Chief in Genetics, Station (3 yrs. from Sept. 1, 1915)....	2,700

Harold Hanson Mitchell, Associate in Animal Nutrition, College and Station (1 yr.)	2,100
William Herschel Smith, Associate in Animal Husbandry Extension, College and Station (1 yr.) (Smith-Lever)	2,400
Daniel Otis Barto, Associate in Animal Husbandry, College (1 yr.)	2,400
Sleeter Bull, Associate in Animal Nutrition, College and Station (1 yr.)	2,000
Gilbert Gusler, Associate in Animal Husbandry, College (10 mos.) ..	2,000
Wilbur Jerome Carmichael, Associate in Animal Husbandry, College, and Station (12 mos.)	2,100
Roy Harold Wilcox, Associate in Animal Husbandry, College and Station (12 mos.)	1,800
Elmer Roberts, Instructor in Genetics, College, and First Assistant in Genetics, Station (12 mos.)	1,600
Claude Harper, Instructor in Animal Husbandry, College, and First Assistant, Station (12 mos.)	1,400
Earl Kirkwood Augustus, Instructor in Animal Husbandry, College, and First Assistant, Station (12 mos.)	1,400
James Wilbur Whisenand, Instructor in Animal Husbandry, College, and First Assistant, Station (12 mos.)	1,400
Mary Helen Keith, Assistant in Animal Nutrition, Station (12 mos.) ..	1,300
John B. Rice, Assistant in Animal Husbandry, College and Station (12 mos.)	1,200
Henry Carl Eckstein, Assistant in Animal Nutrition, College and Station (12 mos.)	1,200
Herbert Frederick Lienhardt, Assistant in Animal Pathology, College and Station (12 mos.)	1,200
James Bruce Henderson, Assistant in Animal Husbandry, College and Station (12 mos.)	1,200
Howard Marion Chiles, Assistant in Animal Nutrition, Station (12 mos.)	900
Worth Arthur Allison, Assistant in Animal Husbandry, College and Station (12 mos.)	1,000
Martha E. Taft, Secretary (C. S.)	960
Jessie R. Beadles, Department Clerk (C. S.)	900

Mabel Halliday, Stenographer (C. S.)	840
Hazel L. Rock, Stenographer (C. S.)	780
Fay Cuerdon, Stenographer (C. S.)	660
Bess Riggs, Stenographer (C. S.)	660
Helen Davis, Stenographer (C. S.)	600
_____, University Secretary (C. S.)	840
<i>Total, animal husbandry</i>	\$58,400

Dairy Husbandry

Harry Alexis Harding, Professor of Dairy Bacteriology, College, and Chief in Dairy Bacteriology, Station (Indef.).....	\$ 5,000
Wilbur John Fraser, Professor of Dairy Farming, College (Indef.)	3,500
Nelson William Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures, Station (3 yrs. from Sept. 1, 1916)	2,500
Martin John Prucha, Assistant Professor of Dairy Bacteriology, College, and Assistant Chief in Dairy Bacteriology, Station (3 yrs. from Sept. 1, 1916)	2,700
Ray Stillman Hulce, Associate in Milk Production, College and Station (1 yr.)	2,200
Harrison August Ruehe, Associate in Dairy Manufactures, College and Station (1 yr.)	2,100
Frank Ashmore Pearson, Associate in Dairy Husbandry, Station (12 mos.)	1,800
James D. Brew, Associate in Dairy Bacteriology, Station (one-half time; 1 yr.)	900
_____, Associate in Dairy Chemistry, College and Station (1 yr.)	1,800
William Wodin Yapp, Instructor in Dairy Husbandry, College (12 mos.)	1,600
Harry M. Weeter, Assistant in Dairy Husbandry, Station (two-thirds time; 12 mos.)	1,050
Paul William Allen, Associate in Dairy Bacteriology, College and Station (12 mos.)	1,800
Ernest McChesney Clark, First Assistant in Dairy Production, Station (12 mos.)	1,400
William Barbour Nevens, First Assistant in Dairy Husbandry, Station (12 mos.)	1,400
Frank Turner, First Assistant in Dairy Husbandry, Station (12 mos.)	1,400
Leighton J. True, Instructor in Dairy Manufactures, College, and First Assistant, Station (12 mos.)	1,400
Harold K. Rulison, Assistant in Dairy Husbandry, Station (12 mos.)	1,200
Howard Wilber Gregory, Instructor in Dairy Manufactures, Extension, College (12 mos.)	1,400
Harry Albert Ross, Assistant in Dairy Economics, Station (12 mos.)	900

Chris Simeon Rhode, Assistant in Dairy Husbandry, College and Station (12 mos.)	1,200
_____, Secretary (C. S.)	900
_____, Bookkeeper (C. S.)	840
Helen Garwood, Stenographer (C. S.)	720
Alice Probst, Typist (C. S.)	720
Lulu Meyers, Clerk (C. S.)	720
Flossie Oliver Pieper, Typist (C. S.)	660
Bertha Hotaling, Clerk (C. S.)	600
<i>Total, dairy husbandry</i>	\$ 42,410

Farm Organization and Management

Walter F. Handschin*, Assistant Professor of Farm Organization and Management, College, and Assistant Chief in Farm Organization and Management, Station (half-time; 2 yrs. from Sept. 1, 1916)	1,800
Harold Clayton M. Case†, Associate in Farm Organization and Management, College and Station (half-time; 12 mos.)	1,050
James Burton Andrews, Instructor in Farm Organization and Management, College, and First Assistant in Farm Organization and Management, Station (12 mos.)	1,500
<i>Total</i>	\$ 4,350

Horticulture

Joseph Cullen Blair, Professor of Horticulture, College, and Chief in Horticulture, Station (Indef.)	5,000
Charles Spencer Crandall, Professor of Pomology, College, and Chief in Plant Breeding, Station (Indef.)	3,500
John William Lloyd, Professor of Olericulture, College, and Chief in Olericulture, Station (Indef.)	4,000
Charles Mulford Robinson, Professor of Civic Design, College, (part-time; 3 yrs. from Sept. 1, 1916)	1,800
Bethel Stewart Pickett, Assistant Professor of Pomology, College, and Assistant Chief in Pomology, Station (3 yrs. from Sept. 1, 1915)	3,200
Herman Bernard Dorner, Assistant Professor of Floriculture, College, and Assistant Chief in Floriculture, Station (3 yrs. from Sept. 1, 1915)	3,000
Ralph Rodney Root, Assistant Professor of Landscape Gardening, College (three-fifths time; 1 yr.)	1,800

*Total salary \$3,600; balance (\$1,800) under Smith-Lever Administration.

†Total salary \$2,100; balance (\$1,050) under Smith-Lever Administration.

Ernest Winfield Bailey, Assistant Professor of Pomology, College and Assistant Chief in Pomology, Station (1 yr.)	2,400
Charles Elmer Durst, Assistant Professor of Olericulture, College, and Assistant Chief, Station (1 yr.)	2,400
Frederick Noble Evans, Assistant Professor of Landscape Gardening, College (1 yr.)	2,400
Warren Albert Ruth, Associate in Chemistry in Horticulture, College and Station (one-half time; 1 yr.)	1,200
Simeon James Bole, Associate in Pomology, College and Station (1 yr.)	1,800
Alfred Joseph Gunderson, Associate in Pomology, College (12 mos.)	1,800
Tell William Nicolet, Associate in Landscape Gardening, College (12 mos.)	1,800
Duane Taylor Englis, Associate in Floricultural Chemistry, College and Station (12 mos.)	1,800
Harry Warren Anderson, Associate in Pomology, College and Station (1 yr.)	2,000
Philip Augustus Lehenbauer, Associate in Plant Physiology, College and Station (1 yr.)	2,000
Arthur Samuel Colby, Instructor in Pomology, College (two-thirds time; 12 mos.)	1,100
Howard Dexter Brown, Instructor in Olericulture, College and First Assistant, Station (12 mos.)	1,400
William Sanford Brock, Instructor in Pomology, College, First Assistant in Pomology, Station (12 mos.)	1,500
Howard Russel Stanford, First Assistant in Plant Breeding, Station (12 mos.)	1,200
———, Instructor in Floriculture, College, Station (12 mos.)	1,200
James Hutchinson, Assistant in Floriculture, Station (12 mos.)	1,400
Edward George Lauterbach, Assistant in Floriculture, College and Station (12 mos.)	1,200
Harry W. Day, Assistant in Olericulture, College and Station, (12 mos.)	900
Walter Pavy James, Assistant in Pomology, College and Station (one-half time; 12 mos.)	600
Julia A. Harper, Editorial Assistant (Federal; 12 mos.)	960
Hazel Rhoades, Assistant Stenographer and Record Keeper (C. S.)	840
Hazel W. Cover, Stenographer (C. S.)	840
Mildred E. Buckles, Stenographer (C. S.)	840
Lucy Lowe, Stenographer (C. S.)	600
<i>Total, horticulture</i>	\$ 56,680

Household Science

Isabel Bevier, Professor of Household Science (Indef.), Director of Courses in Household Science, and Vice Director of Extension Work in Home Economics (1 yr.)	\$ 3,500
Ruth Wheeler, Assistant Professor of Household Science (3 yrs. from Sept. 1, 1915)	2,200
Mamie Bunch, State Leader in Household Economics Demonstration, in charge of Household Science Extension (1 yr.)	2,400
Maude Edna Parsons, Associate in Household Science and Director of the Lunch Room (1 yr.)	1,800
Lorinda Perry, Associate in Household Science (2 yrs. from Sept. 1, 1916)	1,800
Leona Hope, Associate in Household Science (12 mos.)	1,800
Lucile Wheeler, Associate in Household Science (2 yrs. from Sept. 1, 1916)	1,600
Cora Emeline Gray, Associate in Household Science (1 yr.)	1,600
Fannie Maria Brooks, Instructor in Home Economics Demonstration (12 mos.)	1,600
Mary C. DeGarmo, Instructor in Household Science (12 mos.)	1,500
Jean Gilbert MacKinnon, Instructor in Household Science (12 mos.)	1,500
Georgia Elizabeth Fleming, Instructor in Textiles (12 mos.)	1,400
Olive Belle Percival, Assistant in Home Economics Demonstration (12 mos.)	1,400
Viola Jennie Anderson, Instructor in Household Science (12 mos.)	1,400
Naomi Newburn Instructor in Home Economics Extension (12 mos.)	1,400
Anne I. Green, Instructor in Home Economics Extension (12 mos.)	1,400
Florence Helen Churton, Instructor in Household Science (12 mos.)	1,200
Sarah Augusta Sutherland, Instructor in Household Science (12 mos.)	1,600
Marie Freeman, Lunch Room Assistant (10 mos.)	900
Madge Lamoreaux, Assistant in Household Science (10 mos.)	800
Edna Flexer, Assistant in Household Science (part time; 9 mos. from Sept. 15, 1917)	315
Mabel Wilkerson, Assistant in Home Economics Extension (12 mos.)	1,000
Josephine Kerr Allison, Assistant in Household Science (10 mos.)	1,000
Bessie Eunice Packard, Office Assistant (C. S.)	960
Lavina F. Dille, Stenographer (C. S.)	780
Mildred Moore, Secretary in Home Economics Extension (Federal; 12 mos)	840
————, Stenographer in Home Economics Extension (Federal; 12 mos.)	780
<i>Total, household science</i>	\$ 38,475

Smith-Lever Administration

Walter F. Handschin*, Vice-Director of Extension Service (one-half time; 1 yr.)	\$ 1,800
George N. Coffey State Leader of County Advisers (1 yr.)	3,200
James Dater Bilsborrow, Assistant State Leader (2 yrs. from Sept. 1, 1916)	2,750
Harold Clayton M. Case†, Assistant State Leader (one-half time; 1 yr.)	1,050
————, Secretary in Demonstration Service (Federal; 12 mos.)	960
————, Stenographer (Federal; 12 mos.)	840
<i>Total, Smith-Lever administration</i>	\$ 10,600
<i>Total salaries, College of Agriculture and Agricultural Experiment Station</i>	\$329,455

GRADUATE SCHOOL

David Kinley**, Vice President (1 yr.), Dean of the Graduate School (1 yr.), and Professor of Economics (Indef.)	\$ 6,000
————, Research Assistant in the Dean's Office (10 mos.)	600
Lida E. Voight, Clerk and Stenographer (C. S.)	1,200
<i>Total, Graduate School</i>	\$ 7,800

SCHOOL OF PHARMACY

William Baker Day, Acting Dean and Secretary (1 yr.)	\$ 1,300
Professor of Materia Medica (1 yr.)	1,300
Clyde Mason Snow, Assistant Professor of Pharmacy (1 yr.)	2,000
Albert Henry Clark, Assistant Professor of Chemistry (1 yr.)	2,000
Edmund Norris Gathercoal, Instructor in Pharmacognosy (1 yr.)	1,450
Ben Lee Eicher, Instructor in Pharmacy (1 yr.)	1,000
George Frederick Vaupell, Instructor in Chemistry (1 yr.)	1,000
Bernard Fantus, Lecturer on Physiology (1 yr.)	200
Maurice A. Miner, Professor of Pharmacy (2 yrs. from Sept. 1, 1917)	2,000
Mary Scanlon, Clerical Assistant and Stenographer (C. S.)	840
Four student assistants	400
George Nirison, Head Janitor (C. S.)	840
Rudolph Meseck, Janitor (C. S.)	780
Patrick Martin, Watchman (C. S.)	660
John Turrans, Janitor (C. S.)	720
————, Window Washer	144
<i>Total, School of Pharmacy</i>	\$ 16,734

*Total salary, \$3,600; balance (\$1,800) under Farm Organization and Management

†Total salary, \$2,100; balance (\$1,050) under Farm Organization and Management,

**Total salary, \$7,000; balance (\$1,000) under Office of the Vice-President.

COLLEGE OF LAW

Henry W. Ballantine, Dean of the College of Law and Professor of Law (Indef.)	\$ 5,000
Oliver A. Harker, Professor of Law (Indef.) and Legal Counsel (1 yr.)	5,000
Frederick Green, Professor (Indef.)	3,750
Edward H. Decker, Professor (Indef.)	3,500
John N. Pomeroy, Professor (1 yr.)	3,100
William G. Hale, Professor (Indef.)	3,500
Charles E. Carpenter, Assistant Professor (1 yr.)	2,750
_____, Secretary and Stenographer (C. S.; 10 mos.)	750
<i>Total, College of Law</i>	\$ 27,350

LIBRARY SCHOOL

Phineas L. Windsor*, Director of the Library and Library School (1 yr.)	\$
Frances Simpson, Assistant Professor of Library Economy (Indef.) and Assistant Director (1 yr.)	2,200
Florence R. Curtis, Associate in Library Economy (1 yr.)	1,800
Sabra W. Vought, Instructor in Library Economy (1 yr.)	1,600
Ethel Bond, Instructor in Library Economy and Catalog Reviser (1 yr.)	1,200
Emma Felsenthalf, Instructor in Library Economy and Reference Assistant (1 yr.)	
Edna Lyman Scott, Special Lecturer in Children's Literature (5 wks.)	250
_____, Reviser and Assistant (9 mos. from Sept. 15, 1917)	675
Salaries of Summer Session, 1918	600
<i>Total, Library School</i>	\$ 8,325

SCHOOL OF MUSIC

John Lawrence Erb, Director of the School of Music and University Organist (1 yr.)	\$ 3,000
George Foss Schwartz, Assistant Professor of Music (1 yr.)	2,200
Henri Jacobus van den Berg, Instructor (10 mos.)	1,800
Albert Austin Harding†, Instructor (1 yr.)	1,000
Heber Dignam Nasmyth, Instructor (10 mos.)	1,700
Edson W. Morphy, Instructor (10 mos.)	1,700
Edna Almeda Treat, Instructor (10 mos.)	1,200
Frank Tatham Johnson, Instructor (10 mos.)	1,200
Mabelle Genevieve Wright, Instructor (10 mos.)	1,000
Olga Edith Leaman, Instructor (10 mos.)	900
Edward Earle Swinney, Instructor (10 mos.)	1,500

*Salary (\$3,800) under Library.

†Salary (\$1,200) under Library.

‡Total salary, \$2,100; receives \$1,100 as Director of the Bands under Military Department.

Verna Adeline Manley, Stenographer (C. S.)	600
<i>Total, School of Music</i>	\$ 17,800

OFFICE OF THE SUPERVISING ARCHITECT

(Not included in the Budget total; see note below)

Salaries	\$ 40,456
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BUSINESS OFFICE—SUPPLEMENTARY

(The following appointments are chargeable to Stores accounts as indicated below. The salaries are not included in the budget total.)

Office Supply Storeroom

Storekeeper	\$ 780
Messenger	480
<i>Total</i>	\$ 1,260

Print Shop

Foreman (45c per hour)	\$ 1,200
Compositor (41 $\frac{3}{4}$ c per hour)	1,000
Pressman (30c per hour)	780
Helpers (20c per hour)	1,000
Clerk (student; 25c per hour)	300
<i>Total</i>	\$ 4,280

Chemical Storeroom

Stock Clerk, W. L. Bennett	\$ 840
Clerk and Stenographer, W. E. Pursell (C. S.)	780
Messenger	420
<i>Total</i>	\$ 2,040

Physical Plant Storeroom

Head Storekeeper, R. R. Funk	\$ 1,080
Stock Clerk	780
Extra labor in storeroom	500
<i>Total</i>	\$ 2,360
<i>Total, business office supplementary</i>	\$ 9,940

*Note—The entire salary budget of the Office of the Supervising Architect will be distributed over the appropriations for new buildings, reconstructions, operation and maintenance of buildings and service plant, and other appropriations which may be made available for building work in case the building program thus far authorized is carried out. The salaries authorized are to be expended only in case the work assigned to the Office of the Supervising Architect requires the given sum.

SCHOOL OF MILITARY AERONAUTICS

(2) The following statement:

I received under date of July 26 a communication from Captain George W. Krapf, Commandant of the School of Military Aeronautics at the University of Illinois, enclosing a telegram from Major Hiram Bingham of the United States Signal Service Corps asking Captain Krapf to confer with the University authorities and ascertain whether it would be possible to enlarge the school at the University to four or five hundred students. In a communication received on the same day from Dr. David Kinley, who is now in Washington, it appears that the War Department has already ordered an immediate increase of aviation schools and expressed a desire to increase the number located at the University of Illinois to four hundred by September 8, if the Women's Residence Hall can be used for that purpose, and the suggestion was made that the Government was willing to pay \$1,000 rental a month, provided the hall could accommodate four hundred men. Major Bingham also states that no guarantee can be given to increase the school to four hundred at any definite date, but men will be sent gradually until the number has reached that figure, provided the above assurance is given and the above arrangement made. The whole matter is at present indefinite, but it is apparent that the Federal Government finds it necessary to increase the size of these aviation schools, and it would like to increase also the one at the University of Illinois.

There are three general sources of expense in connection with these aviation schools: quarterage, instruction, and rationing.

The Government has thus far expressed no willingness to provide for quarterage except in these last communications. It has made a contract with the University to provide certain sums for instruction. It looks as if we might be able to provide the instruction for the sum indicated. The Government has also expressed a willingness to pay one dollar a day for the rations. It seems possible to make a contract at that rate for the rationing of the men. If the Government makes no allowance for quarterage, the expense of this school becomes a very heavy burden on the University. We have already taken over the Y. M. C. A. building, agreeing to give the Y. M. C. A. authorities \$5,000, which, however, they are to expend in putting the building into first-class shape for the purpose intended. The University will furnish heat and light without charge, estimated at \$1,200 a year. The Board has also authorized turning over the President's house to the Y. M. C. A. authorities to be used as offices, etc., so that they can vacate the entire building. I estimate the expense to the University of providing the Y. M. C. A. building as barracks for the School will amount to \$8,000 for the first year and from three to four thousand dollars for subsequent years. The Y. M. C. A. authorities have taken over the contract of furnishing rations to the men who live in the Y. M. C. A. building at one dollar per day.

Things are thus still in a very indefinite shape. We can not even estimate what it will really cost the University to run this school.

I have protested to the Federal Government that while the University of Illinois is very anxious to do its full share in this whole matter and would go to the limit of its ability in helping to make the School of Aviation efficient, I did not think it was fair for the Federal Government to saddle the expense of quarterage on the University, which had no buildings and no funds which it could use for that purpose.

As stated above, the whole matter is very indefinite and the University is assuming a very grave risk in attempting to carry on the school at all. At the same time I do not see how, under the circumstances, we can refuse to do anything that is at all within our ability.

On motion of Mrs. Busey, the President of the University was authorized to make the necessary arrangements with the Federal Government for the increase in the number of students at the School of Military Aeronautics, assigning if necessary for this purpose the Women's Residence Hall for use as barracks to house the members of the School.

MILITARY COMMANDANT

(3) A statement that Colonel R. W. Mearns has recommended that we should ask for the detail of Major E. W. McCaskey, U. S. A. Retired, as Military Commandant at the University. Major McCaskey was born at Lancaster, Pennsylvania, in 1863; he attended Franklin and Marshall College and the United States Military Academy at West Point from 1882 to 1886. In addition to serving as lieutenant in the 21st Infantry in this country, Europe, Cuba, and the Philippines, Major McCaskey has had four years of college detail at Pennsylvania State College, three years at Newark, Delaware, and two years at St. Joseph's College in Philadelphia. He was retired in 1908, but recalled in 1916 and is now on duty at Fort Benjamin Harrison, Indiana. I am expecting to ask the War Department to detail Major McCaskey to be Military Commandant at the University.

No action was taken in this matter.

APPOINTMENT TO ACCOUNTANCY BOARD

(4) A recommendation from the Committee on Accountancy that Mr. R. O. Berger, C. P. A., of the firm of Price, Waterhouse, & Company of Chicago, be appointed a member of the Board of Examiners in Accountancy for the term of three years, beginning July 1, 1917, to succeed Mr. James Hall whose term expired on June 30, 1917.

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

MANUFACTURE OF CHEMICALS

(5) A communication from Professor Roger Adams covering the manufacture of chemicals.

No action was taken in this matter.

INSTITUTE FOR RESEARCH

(6) A statement from Dean Kinley that the University Senate has discussed at considerable length the proposal to coordinate all of our research work at the University into a University of Illinois Institute for Research. The faculty has discussed the matter also in its various subdivisions, including the executive faculty of the Graduate School, the staff of the Agricultural Experiment Station, the staff of the Engineering Experiment Station, etc. I am hoping to submit to the next meeting of the Board a formal recommendation as to the constitution of such an institute for research.

No action was taken in this matter.

LEAVE OF ABSENCE FOR PROFESSOR SLATER

(7) A recommendation from Dean C. R. Richards that Assistant Professor W. A. Slater be given leave of absence without salary for five months beginning September 1, 1917, to engage in work connected with the national defense.

On motion of Mrs. Busey, this recommendation was approved.

SALARY OF DIRECTOR BENEDICT

(8) A request from Professor Bruce W. Benedict asking that his salary as Director of the Shop Laboratories be continued in full until September 1, 1917. As Professor Benedict, without any extra pay, has given instruction in Military 1 and 2 to over one hundred students during a term of three semesters, I recommend that the salary be continued for July and August.

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

At this point, Mr. Trimble withdrew.

BUILDING SCHEDULE

(9) A recommendation that the funds appropriated by the General Assembly for buildings during the present biennium be apportioned as follows:

(1) School of Education	\$215,000
(2) Smith Music Hall	160,000

(3) Women's Residence Hall	90,000
(4) Isolation Hospital	7,500
(5) Animal Husbandry Feeding Plant	25,000
<i>Total</i>	<u>\$497,500</u>

On motion of Mrs. Busey, this recommendation was concurred in. The vote was as follows: Ayes, President Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Taggart, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Hoit, Mr. Lowden, Mr. Trevett, Mr. Trimble.

AUTHORITY TO ACCEPT RESIGNATIONS AND FILL VACANCIES

(10) A request for the usual authority to accept resignations and fill vacancies in the University staff.

On motion of Mr. Carr, this authority was conferred on the President of the University.

TRANSFER OF TREASURER'S FUNDS

(11) A letter from the Comptroller concerning the payment of funds to the Treasurer of the University by H. S. Capron, former Treasurer.

July 30, 1917

President Edmund J. James, University of Illinois

MY DEAR PRESIDENT JAMES:

I beg to advise you that I have received a report from Mr. Edmund D. Hulbert, Treasurer of the University, showing a remittance received from Mr. H. S. Capron, former Treasurer, in the amount of \$747.42 made as follows:

Balance as reported by Arthur Young & Company in the hands of Mr. Capron May 1, 1917, page 377 of the Minutes of the Board of Trustees.....	\$1,432.64
Warrants paid by Mr. Capron to July 24th and returned to the Comptroller	685.22

Balance on hand July 24th remitted in full to Mr.

Hulbert, Treasurer, as indicated above.....\$ 747.42

This does not cover whatever adjustment in the payment of interest on balances may be directed by the Financial Committee in accordance with the recent action of the Board.

Very truly yours,

LLOYD MOREY

This letter was received for record.

TRANSFER OF RANTOUL FARM

(12) A report from the Comptroller that Thomas and Jennie L. Molloy, who purchased the farm near Rantoul given to the University by Captain Thomas J. Smith, have decided to waive their objection to the title to said

property and will close up the transaction as soon as they are able to secure a loan on the property. (See page 412.)

This report was received for record.

SITE FOR UNIVERSITY PRESS

(13) A letter from the Comptroller stating, in regard to the property purchased by the University from the Episcopal Church and located on Sixth Street in Champaign, that all the various points at issue between the University and the Bishop of the Diocese have now been covered, and that as soon as a quit claim deed from the former Bishop is received the matter can be consummated.

This report was received for record.

BULLETIN ON THE USE OF COAL

(14) A report from Dean C. R. Richards concerning a circular recently published by the Engineering Station on the economical use of coal in dwelling houses.

This report was received for record.

FIRE IN BOILER HOUSE

(15) A statement from Professor White that a fire occurred in the old boiler house at 1 a. m. on Sunday morning, July 29, 1917, damaging the roof to the extent of about \$5,000.

This report was received for record.

PRICE SET ON FISHER FARM

Mrs. Busey stated that she had received a request for a price on the Smith farm at Fisher.

On motion of Mr. Carr, the price of this farm was set at \$275 an acre.

APPOINTMENTS MADE BY PRESIDENT JAMES

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

Baker, G. C., Research Assistant in Sanitary Chemistry, on part time, for twelve months beginning July 1, 1917, at a salary of sixty dollars (\$60) a month. (July 26, 1917).*

Bennett, A. N., Assistant Chemist in the division of sanitary chemistry, on part time, for twelve months beginning July 1, 1917, at a salary of fifty dollars (\$50) a month. (July 27, 1917).

Buell, I. A., Scholar in Mathematics, for ten months, beginning September 1, 1917, at a stipendium of twenty-five dollars (\$25) a month. (July 28, 1917).

Cable, J. R., Fellow in Economics, for ten months, beginning September 1, 1917, at a stipendium of thirty-five dollars (\$35) a month. (July 28, 1917).

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

Emmerson, Edith, Scholar in German, for ten months, beginning September 1, 1917, at a stipendium of twenty-five dollars a month. (July 28, 1917).

Fazel, C. S., Instructor in the School of Military Aeronautics at a salary of one hundred ten dollars (\$110) a month, beginning September 1, 1917, and continuing until further notice. (July 23, 1917).

Greenfield, Edmon, Assistant Bacteriologist in the division of sanitary chemistry, for twelve months, beginning July 1, 1917, at a salary of fifty dollars (\$50) a month. (July 27, 1917).

Hebbert, C. M., Instructor in the School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning September 1, 1917, and continuing until further notice. (July 24, 1917).

Hodnet, Mona P., Scholar in the Classics, for ten months,, beginning September 1, 1917, at a stipendium of twenty-five dollars (\$25) a month. (July 28, 1917).

Klotz, H. J., Instructor in the School of Military Aeronautics, at a salary of one hundred seventy-five dollars (\$175) a month, beginning September 1, 1917, and continuing until further notice. (July 30, 1917).

Mason, M. S., Instructor in the School of Military Aeronautics, at a salary of one hundred seventy-five dollars (\$175) a month, beginning September 1, 1917, and continuing until further notice. (July 18, 1917).

Miles, P. K., Instructor in the School of Military Aeronautics, at a salary of one hundred fifty dollars (\$150) a month, beginning September 1, 1917, and continuing until further notice. (July 30, 1917).

Palm, F. C., Fellow in History, for ten months, beginning September 1, 1917, at a stipendium of thirty-five dollars (\$35) a month. (July 28, 1917).

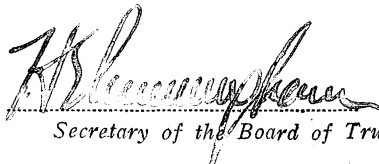
Siegmund, H. O., Instructor in the School of Military Aeronautics, at a salary of one hundred dollars (\$100) a month, beginning July 16, 1917, and continuing until further notice. (July 19, 1917).

Young, C. M., Assistant Professor of Mining Research, for one year beginning July 1, 1917, at a salary of twenty-four hundred dollars (\$2,400) a year. (July 20, 1917).

The Board adjourned.

URBANA, ILLINOIS, August 29, 1917

I certify that in the foregoing pages, numbered 449 to 505, inclusive, is contained the record of the transactions of the Board of Trustees of the University of Illinois at its meeting held July 31, 1917, as approved by the Board at its meeting of August 28, 1917.


Secretary of the Board of Trustees

Secretary pro tempore