

## Meeting of June 29, 1910.

---

### ADJOURNED SESSION, JUNE 29, 1910.

When the Board of Trustees of the University of Illinois met at the Blackstone hotel, in Chicago, at 12:00 m., June 29, 1910, pursuant to the adjourned meeting of June 14, 1910, (see page 368 of the minutes) the following members were present: Governor Deneen, Messrs. Abbott, Crebs, Davison, Grout, Hatch and Meeker, and Mrs. Bahrenburg and Mrs. Evans; absent, Messrs. Blair and Moore and Mrs. Busey.

The secretary presented the minutes of the board meetings of June 1 and 13 and 14, 1910. The approval of the minutes was passed.

### REPORT OF THE EXECUTIVE COMMITTEE.

Mr. Abbott, chairman of the Executive Committee presented a report of the Executive Committee meetings held June 1 and 13 and 14, 1910, as printed on pages 368 to 383 of the minutes of the meetings of June 13 and 14.

### MATTERS PRESENTED BY PRESIDENT JAMES.

President James presented the following matters for consideration:

#### LEASE OF THE PROPERTY OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

1. A draft of a new lease and supplementary agreement between the Board of Trustees of the University of Illinois and the College of Physicians and Surgeons, to take the place of the existing contract between said parties.

Mr. Crebs moved that the committee which has had charge of this matter heretofore, should make some minor changes which it was said were necessary and complete the lease and agreement with the College of Physicians and Surgeons, and that the executive officers of the board be instructed to sign and execute the lease and agreement when thus completed.

Governor Deneen, after stating that there was one point in the lease which he thought objectionable, and that he had consulted with the Attorney General with reference to it, moved that the term of the lease extend to Sept. 30, 1911, instead of for two years as proposed.

The amendment prevailed, and the motion as amended was adopted by the following vote: Ayes, Messrs. Abbott, Crebs, Davison, Deneen, Grout, Hatch, Meeker and Mrs. Evans; present and not voting, Mrs. Bahrenburg; absent, Messrs. Blair and Moore, and Mrs. Busey.

#### THE BUDGET FOR 1910-11.

[Persons of professorial rank and associates, whose title and salary remain unchanged, are not included.]

#### 2. The following recommendations regarding appointments:

##### DEANS AND DIRECTORS.

(a) Vice president, deans and directors for the year from Sept. 1, 1910: Thomas J. Burrill, A. M., LL. D., vice president.

David Kinley, Ph. D., dean of the Graduate School, director of the Courses in Commerce.

Eugene Davenport, M. Agr., LL. D., dean of the College of Agriculture and director of the Agricultural Experiment Station.

Oliver Albert Harker, A. M., dean of the College of Law.

William Edward Quine, M. D., dean of the College of Medicine.

Thomas Arkle Clark, B. L., dean of Men.

William Freeman Myrick Goss, D. Eng., dean of the College of Engineering, director of the School of Railway Engineering and Administration, and director of the Engineering Experiment Station.

Edgar Jerome Townsend, Ph. D., dean of the College of Science.

Evarts Boutell Greene, Ph. D., dean of the College of Literature and Arts.

George Washington Cook, B. S., D. D. S., dean of the College of Dentistry.

William Chandler Bagley, Ph. D., director of the School of Education.

Charles H. Mills, B. Mus., director of the School of Music.

Phineas L. Windsor, Ph. B., librarian and director of the Library School.

George A. Huff, director of Physical Training for Men.

Gertrude E. Moulton, A. B., acting director of Physical Training for Women.

James M. White, B. S., supervising architect.

#### (b) New appointments:

H. F. Moore, assistant professor of Mechanical Engineering in the Theoretical and Applied Mechanics Department of the Engineering Experiment Station, for the year beginning Sept. 1, 1910, salary \$2,200.00.

J. M. Snodgrass, assistant professor in the Mechanical Engineering Department of the Engineering Experiment Station, for the year beginning Sept. 1, 1910, salary \$2,000.00.

Charles R. Clark, associate in Architecture, salary \$1,800.00.

D. A. Abrams, associate in the Theoretical and Applied Mechanics Department of the Engineering Experiment Station, for the year beginning Sept. 1, 1910, salary \$1,500.00.

F. W. Marquis, associate in the Railway Mechanical Engineering Department of the Engineering Experiment Station, for the year beginning Sept. 1, 1910, salary \$1,500.00.

David F. McFarland, assistant professor of Applied Chemistry in the College of Science; first assistant chemist in the Engineering Experiment Station, for the year beginning Sept. 1, 1910, salary \$1,600.00.

Julius Goebel, professor of Germanic Languages, for the two years beginning Sept. 1, 1910, salary \$3,250.00.

O. E. Lessing, associate professor of German, for the year beginning Sept. 1, 1910, salary \$2,500.00.

Phillip B. Hawk, professor of Physiological Chemistry, for the year beginning Sept. 1, 1910, salary \$2,500.00.

Nellie E. Goldthwaite, associate in Household Science, for the year beginning Sept. 1, 1910, salary \$1,500.00.

C. C. Adams, associate in Zoölogy, for the year beginning Sept. 1, 1910, salary \$1,400.00.

Frank W. Scott, associate in English and secretary of English Department, salary \$2,000.00.

Martha J. Kyle, instructor in English, \$1,200.00.

(c) An assistant professorship in Animal Husbandry created.

(d) The following promotions:

E. C. Schmidt, professor of Railway Engineering, from Sept. 1, 1910, at a salary of \$3,000.00.

Charles Zeleny, associate professor of Zoölogy, from Sept. 1, 1910, salary \$2,500.00.

Jacob Zeitlin, associate in English, for two years beginning Sept. 1, 1910, salary \$1,300.00 a year.

Simon Litman, assistant professor of Economics, from Sept. 1, 1910, salary \$2,000.00.

C. W. Balke, assistant professor of Chemistry, for two years from Sept. 1, 1910, salary \$2,000.00 a year.

E. W. Washburn, assistant professor of Chemistry, for two years from Sept. 1, 1910, salary \$2,000.00 a year.

E. B. Lytle, associate in Mathematics, for two years from Sept. 1, 1910, salary \$1,400.00 a year.

(e) Increases in salary from Sept. 1, 1910, without change of title:

C. H. Mills, director of School of Music, \$2,500.00 a year.

H. L. Rietz, assistant professor of Mathematics; statistician of the College of Agriculture, salary \$2,500.00 a year.

H. S. Grindley, professor of Animal Chemistry; chief in Animal Chemistry in the Agricultural Experiment Station, salary \$3,500.00 a year.

A. D. Emmett, associate in Animal Nutrition, salary \$1,800.00 a year.

N. W. Hepburn, associate in Dairy Manufactures; first assistant in Dairy Manufactures in the Agricultural Experiment Station, salary \$1,600.00 a year.

H. B. Dorner, associate in Floriculture; assistant in Floriculture in the Agricultural Experiment Station, salary \$1,800.00 a year.

Susannah Usher, assistant professor of Dietetics, salary \$1,800.00 a year.

A. S. Pease, assistant professor of Classics, salary \$2,250.00 a year.

George H. Meyer, assistant professor of German; assistant dean of the College of Literature and Arts, salary \$2,500.00 a year.

N. C. Brooks, assistant professor of German, salary \$2,150.00 a year.

D. H. Carnahan, associate professor of Romance Languages, salary \$2,250.00 a year.

H. G. Paul, assistant professor of English Language and Literature, salary \$1,800.00 a year.

E. B. Greene, professor of History; dean of the College of Literature and Arts, salary \$4,500.00 a year.

G. S. Ford, professor of Modern European History, salary \$2,800.00 a year.

L. M. Larson, assistant professor of History, salary \$2,300.00 a year.

S. W. Parr, professor of Applied Chemistry, salary, 3,500.00 a year.

G. A. Miller, professor of Mathematics, salary \$2,700.00 a year.

C. H. Sisam, assistant professor of Mathematics, salary \$1,800.00 a year.

A. R. Crathorne, associate in Mathematics, salary \$1,500.00 a year.

#### COLLEGE OF AGRICULTURE.

(f) Appointments, all for twelve months from Sept. 1, 1910, unless otherwise noted.

Majorie Holderman, stenographer.....	\$ 300 00
Katherine McIntyre, secretary, Agricultural Experiment Station	1,500 00
———, vice Noon, stenographer to the dean of the College....	840 00

*College Extension—*

D. O. Barto, instructor in Secondary School Agriculture ...	\$1,600 00
---	------------

*Department of Agronomy—*

———, vice Hegnauer, assistant in Crop Production (Univ.); assistant in Crop Production (Sta.).....	1,800 00
W. G. Eckhardt, instructor in Soil Fertility (Univ.); assistant in Soil Fertility (Sta.).....	1,600 00
A. F. Gustafson, instructor in Soil Physics (Univ.); assistant in Soil Physics (Sta.).....	1,400 00
Arthur Lumbrick, assistant in Crop Production (Univ.); assistant in Soil Physics (Sta.).....	1,000 00
E. A. White, instructor in Agricultural Mechanics (Univ.) for ten months from Sept. 1, 1910.....	1,200 00
Ernest Van Alstine, assistant in Chemistry (Sta.).....	1,200 00
———, vice Meyers, assistant in Chemistry (Sta.).....	1,000 00
J. P. Aumer, assistant in Chemistry (Sta.).....	1,000 00
O. S. Fisher, assistant in Soil Fertility (Sta.).....	1,000 00
C. C. Logan, assistant in Soil Physics (Sta.).....	1,300 00
J. B. Park, assistant in Chemistry (Sta.).....	1,000 00
R. W. Dickerson, assistant in Agricultural Mechanics (Univ.) for ten months from Sept. 1, 1910.....	840 00
K. T. Ekblaw, assistant in Agricultural Mechanics (Univ.) for ten months from Sept. 1, 1910.....	840 00
S. V. Holt, assistant in Soil Survey (Sta.).....	1,000 00
A. W. Hayes, assistant in Soil Survey (Sta.).....	1,000 00
H. W. Stewart, assistant in Soil Survey (Sta.).....	1,000 00
H. C. Wheeler, assistant in Soil Survey (Sta.).....	1,000 00
Gertrude Niederman, assistant in Chemistry (Sta.).....	840 00
R. G. Smith, assistant in Chemistry (Sta.).....	840 00
J. E. Readhimer, superintendent Soil Experiment Fields (Sta.).....	2,000 00
J. E. Whitchurch, assistant Soil Fertility (Sta.).....	1,000 00
F. C. Grannis, assistant in Soil Fertility in the University and the same in the Station.....	840 00
W. H. Sachs, assistant in Soils (Sta.).....	840 00
Frances D. Abbott, assistant in Chemistry (Sta.).....	600 00
T. B. Stansel, assistant in Chemistry (Sta.).....	720 00
E. H. McDonald, assistant in Crop Products (Univ.); assistant in Crop Products (Sta.).....	840 00
E. E. Hoskins, assistant in Soil Fertility (Sta.).....	1,000 00

*Animal Husbandry—*

H. O. Allison, instructor in Animal Husbandry (Univ.); assistant in Animal Husbandry.....	1,600 00
F. W. Gill, first analyst in Animal Husbandry (Sta.).....	1,800 00
Josephine Kerr, assistant bacteriologist in Physiological Chemistry (Sta.).....	780 00
Lucius W. Summers, assistant in Animal Husbandry (Univ.); assistant in Animal Husbandry (Sta.) half time	500 00

*Dairy Husbandry—*

R. E. Brand, instructor in Dairy Husbandry (Univ.); assistant in Dairy Husbandry (Sta.).....	1,300 00
J. M. Barnhart, assistant chemist in Dairy Husbandry (Sta.).....	1,300 00
W. L. Gaines, assistant in Dairy Husbandry in College of Agriculture and assistant in same in Station.....	1,300 00
———, vice James, assistant in Dairy Husbandry (Sta.)..	1,000 00
LeRoy Lang, assistant in Dairy Husbandry (Univ.); assistant in Dairy Husbandry (Sta.).....	1,000 00

*Horticulture—*

H. F. Major, instructor in Landscape Gardening .....	\$1,200 00
R. B. Howe, instructor in Pomology (Univ.); assistant in Pomology (Sta.) .....	1,400 00
O. S. Watkins, assistant chemist in Horticulture (Sta.) ....	1,400 00
———, vice Brooks, assistant in Olericulture (Univ.); assistant in Olericulture (Sta.) .....	1,000 00
A. Nehrling, assistant in Floriculture (Sta.) .....	1,000 00
E. W. Bayley, assistant in Plant Breeding (Sta.) .....	1,000 00
W. A. Ruth, assistant chemist (Sta.) .....	1,000 00
C. E. Dürst, assistant in Olericulture (Sta.) .....	1,000 00
J. A. Drew, assistant in Pomology (Sta.) .....	840 00

*Household Science—*

Helen M. Pincomb, instructor in Household Science for Secondary Schools .....	1,500 00
Harriet B. Rinnaker, assistant in Household Science, for ten months from Sept. 1, 1910 .....	1,100 00
Nina B. Crigler, assistant in Household Science, Foods, for ten months, beginning Sept. 1, 1910 .....	850 00
Nelle Dickinson, assistant in Household Science, for ten months from Sept. 1, 1910 .....	840 00

## COLLEGE OF ENGINEERING.

(g) Appointments, all for ten months from Sept. 1, 1910, unless otherwise noted.

*General—*

———, assistant dean, vice Crawshaw, twelve months...	\$2,500 00
Sue W. Ford, clerk in office of dean, twelve months .....	1,000 00
Lotta M. Manspeaker, stenographer, twelve months .....	780 00
———, stenographer, vice Marjorie Asche, twelve months	600 00

*Department of Architecture—*

———, assistant professor, vice Case, twelve months .....	2,300 00
R. Weaver, instructor .....	1,500 00
———, instructor, vice Love .....	1,250 00
J. H. Forsythe, instructor .....	1,100 00
———, part time assistant, vice Hubbard and Ashley .....	500 00
Edith Leonard, curator and clerk, twelve months .....	650 00

*Department of Civil Engineering—*

R. B. Shippy, instructor .....	1,300 00
C. C. Wiley, instructor .....	1,300 00
J. J. Richey, instructor .....	1,400 00
J. E. Smith, instructor .....	1,400 00
G. W. Pickels, instructor .....	1,300 00
C. E. Henderson, instructor .....	1,300 00
A. R. Alger, instructor .....	1,000 00
———, instructor, (new) .....	1,500 00
L. McDonald, instructor .....	1,000 00
John Strom, assistant .....	700 00
Mabel E. McBride, stenographer, twelve months .....	350 00

*Department of Electrical Engineering—*

F. G. Wilson, instructor ..	1,500 00
L. V. James, instructor .....	1,000 00
H. G. Hake, instructor .....	1,000 00
———, assistant, (new) .....	800 00
I. W. Fisk, assistant ..	800 00
———, clerk, twelve months, vice Real .....	350 00

*Department of General Engineering Drawing—*

———, vice McMaster .....	\$1,400 00
H. W. Miller, instructor .....	1,200 00
———, instructor, vice F. M. Porter .....	1,000 00
R. K. Steward, instructor .....	1,000 00
G. E. Martin, instructor .....	850 00
———, assistant, vice Kratz .....	700 00
R. R. Carter, half time assistant .....	300 00

*Department of Mechanical Engineering—*

———, assistant professor, vice Thorpe .....	2,000 00
W. V. Dunkin, instructor .....	1,400 00
H. B. Dirks, instructor .....	1,400 00
D. L. Scroggin, instructor .....	1,200 00
———, instructor, vice Garland .....	1,200 00
F. Ellis, instructor .....	1,400 00
H. F. Godeke, instructor .....	1,200 00
A. R. Bench, instructor .....	1,200 00
E. T. Lanham, instructor .....	950 00
———, instructor, vice Casper .....	850 00
———, assistant, vice Goben .....	1,000 00
W. C. Bradford, assistant .....	900 00
J. M. Duncan, assistant .....	850 00
———, assistant, vice Cook .....	700 00
P. W. Gawne, instructor .....	800 00
———, mechanician, vice Alley, twelve months .....	1,020 00
———, attendant, vice Berbaum .....	400 00
———, attendant, vice Weeks .....	400 00
———, attendant, vice Demlow .....	360 00
———, attendant, vice Stanley .....	300 00
Sara M. Slater, clerk, twelve months .....	600 00

*Department of Mining Engineering—*

C. S. Stevenson, instructor .....	1,200 00
-----------------------------------	----------

*Departments of Municipal and Sanitary Engineering and Theoretical and Applied Mechanics—*

———, assistant professor, vice Engstrom .....	1,800 00
———, associate, vice Whittemore .....	1,500 00
H. E. Murdock, instructor .....	1,400 00
———, instructor, vice Fleming .....	1,200 00
F. B. Seeley, instructor .....	1,100 00
G. P. Boomsliter, instructor .....	1,100 00
C. E. Noerenberg, instructor .....	1,100 00

*Department of Physics—*

W. M. Stempel, instructor .....	900 00
J. W. Woodrow, instructor .....	850 00
T. S. Taylor, instructor .....	1,200 00
J. G. Kemp, assistant .....	850 00
O. H. Smith, assistant .....	750 00
———, assistant, part time, vice Hornbeak .....	500 00
W. H. Hyslop, assistant, part time .....	500 00
E. T. Strong, mechanician, twelve months .....	960 00
———, assistant, part time .....	500 00
———, student assistants .....	600 00
E. H. Williams, instructor .....	1,300 00
H. T. Wyninger, store keeper, twelve months .....	600 00

*Department of Railway Engineering—*

_____, assistant professor, vice Roberts .....	\$2,000 00
H. C. Kendall, instructor .....	1,500 00
A. S. Williamson, instructor .....	1,600 00

*Engineering Experiment Station—*

Trygve D. Jensen, assistant in Electrical Engineering Department, twelve months.....	1,000 00
F. L. Busey, first assistant in Mechanical Engineering Department, twelve months .....	1,260 00
_____, assistant in Theoretical and Applied Mechanics Department, twelve months, vice Gonnerman .....	1,260 00
R. W. Rutt, assistant to Director, twelve months .....	1,800 00
Elizabeth A. Swift, assistant editor, twelve months .....	1,500 00

## COLLEGE OF LITERATURE AND ARTS.

(h) Appointments, all for ten months from Sept. 1, 1910, unless otherwise noted:

*General—*

Grace J. Maxwell, clerk, twelve months .....	\$ 780 00
Mabel F. Griffith, assistant clerk, twelve months .....	600 00

*Department of Art and Design—*

Mary M. Wetmore, instructor .....	1,250 00
C. F. Kelley, instructor .....	1,200 00
Harriet Day, instructor .....	1,100 00

*Department of Germanic Languages—*

Daisy Blaisdell, instructor .....	1,000 00
_____, instructor, vice Wiehr .....	1,200 00
C. M. Poor, instructor .....	1,200 00
J. A. Chiles, instructor .....	1,200 00
C. A. Williams, instructor .....	1,100 00
Louis DeVries, assistant .....	900 00
_____, assistant, half time, (new) .....	500 00

*Department of Romance Languages—*

Florence N. Jones, instructor .....	1,100 00
A. F. Sbedico, instructor .....	1,000 00
H. E. Mantz, assistant .....	800 00
_____, assistant, vice Harvey .....	800 00

*Department of English—*

E. L. Bradsher, instructor .....	1,100 00
S. F. Sears, instructor .....	1,000 00
H. L. Creek, instructor .....	1,000 00
Vida L. Collins, assistant .....	850 00
Sada Harbarger, assistant .....	900 00
Lora Henion, assistant .....	800 00
G. R. Jackson, assistant .....	800 00
Ruth Kelso, assistant .....	800 00
Marion C. Landee, assistant, half time .....	450 00
Eula McKinney, assistant .....	800 00
C. C. Pearce, assistant .....	800 00
Winifred Perry, assistant .....	800 00
S. M. Thompson, assistant, half time .....	350 00
R. E. Tietje, assistant .....	800 00
E. C. Rainey, assistant .....	800 00
Alta Gwinn, assistant .....	800 00

*Department of History—*

P. C. Phillips, assistant .....	\$ 800 00
Elizabeth O. Brush, assistant, half time .....	400 00
Frank E. Melvin, assistant .....	450 00

*Department of Economics—*

J. G. Thompson, instructor .....	1,400 00
J. K. Towles, instructor .....	1,400 00
———, instructor, vice Morton .....	1,000 00
O. R. Martin, assistant .....	900 00
I. G. Flocken, assistant .....	750 00

*Department of Political Science—*

C. O. Gardner, assistant, half time .....	400 00
---	--------

*Department of Psychology—*

———, assistant professor, vice Baird .....	2,000 00
A. H. Sutherland, instructor .....	1,200 00
T. L. Kelley, assistant, half time .....	500 00

*Department of Education—*

E. L. Norton, instructor .....	1,200 00
--------------------------------	----------

## COLLEGE OF SCIENCE.

(i) Appointments, all for ten months from Sept. 1, 1910, unless otherwise noted.

*General—*

Agnes McGurty, stenographer and clerk, twelve months ...	\$ 780 00
Mabel Halliday, stenographer, half time, twelve months ...	300 00

*Department of Astronomy—*

Percy F. Whisler, research assistant (without salary) .....	
F. W. Reed, instructor .....	1,100 00

*Department of Botany and Bacteriology—*

———, associate, vice Gleason .....	1,200 00
C. F. Briscoe, instructor .....	1,000 00
J. L. Pricer, assistant .....	1,000 00
Lenore Latzer, assistant .....	700 00
Jessie Baldwin, assistant .....	700 00
———, assistant, vice Chambers .....	600 00
P. A. Lehenbauer, assistant .....	600 00
———, assistant (new) .....	600 00
J. H. Whitten, assistant .....	450 00

*Department of Ceramics—*

R. T. Stull, instructor .....	2,000 00
J. M. Knote, instructor, first semester .....	800 00
———, services in summer .....	200 00

*Department of Chemistry—*

H. C. Corson, assistant .....	600 00
Helen Isham, instructor .....	1,200 00
Grinnell Jones, instructor .....	1,200 00
R. H. Jesse, instructor .....	1,000 00
L. L. Burgess, instructor .....	1,000 00
C. G. Derick, instructor .....	1,200 00



*Department of Chemistry—Concluded.*

E. S. McCarthy, instructor .....	\$ 800 00
P. E. Howe, instructor .....	800 00
———, research assistant, vice Kyriakides .....	800 00
E. K. Strachan, assistant .....	600 00
J. E. Egan, assistant .....	600 00
L. F. Nickell, assistant .....	600 00
R. H. Stevens, assistant .....	600 00
E. J. Baker, assistant .....	500 00
E. F. Downey, assistant .....	600 00
W. T. Murdock, graduate assistant .....	350 00
J. W. Marden, graduate assistant .....	350 00
G. E. Ostrom, graduate assistant .....	300 00
R. S. Potter, graduate assistant .....	300 00
H. B. Gordon, graduate assistant .....	350 00
D. W. Wilson, graduate assistant .....	300 00
C. P. Sherwin, graduate assistant .....	300 00
E. L. Ross, graduate assistant .....	300 00
J. H. Bornmann, graduate assistant .....	300 00
———, nine student assistants .....	900 00
C. F. Miller, clerk, twelve months .....	900 00
Mayme L. Smith, stenographer, twelve months .....	720 00
Clara Fallon, stenographer, twelve months .....	540 00
A. H. Hull, assistant custodian, twelve months .....	720 00
C. Crawford, laboratory helper, twelve months .....	600 00
M. T. Lindsey, assistant storekeeper, part time, twelve months .....	300 00
———, storekeepers and helpers .....	1,300 00

*Department of Entomology—*

R. D. Glasgow, assistant .....	600 00
M. C. Tanquary, assistant .....	600 00
———, graduate assistant (new) .....	250 00

*Department of Geology—*

R. F. Bagg, instructor .....	1,300 00
J. G. Hutton, assistant .....	900 00
W. E. Ekblaw, assistant .....	500 00
———, student assistance .....	300 00

*Department of Mathematics—*

———, assistant professor, vice Wilczynski .....	2,500 00
———, assistant professor, vice Young .....	2,000 00
L. I. Neikirk, instructor .....	1,100 00
G. E. Wahlin, instructor .....	1,200 00
T. Buck, instructor .....	1,200 00
F. L. Hitchcock, instructor .....	1,200 00
J. H. Minnick, assistant .....	900 00
W. W. Denton, assistant .....	750 00
C. A. Barnhart, assistant .....	600 00
G. E. Carscallen, assistant .....	600 00
C. H. Forsyth, assistant .....	600 00
C. A. Fischer, assistant .....	600 00

*Department of Physiology—*

O. O. Stanley, instructor, half time .....	700 00
H. J. Corper, assistant .....	1,200 00
———, student assistants .....	500 00

*Department of Zoölogy—*

_____, associate, vice F. W. Carpenter .....	\$1,800 00
J. R. LaRue, research assistant .....	600 00
J. E. Ackert, assistant .....	600 00
W. W. Cort, assistant .....	600 00
Bessie Green, assistant .....	600 00
_____, graduate assistant .....	300 00
_____, graduate assistant .....	300 00
_____, graduate assistant (new) .....	300 00
_____, student assistants .....	600 00
_____, stenographic assistants .....	250 00
S. F. Prince, custodian, twelve months, half time .....	500 00

*Museum—*

S. F. Prince, assistant, twelve months, half time .....	500 00
---	--------

## COLLEGE OF LAW.

(j) Appointments, all for ten months from Sept. 1, 1910, unless otherwise noted:

*General—*

Secretary, twelve months .....	\$ 100 00
Stenographer, twelve months .....	200 00
Clerk of practice court .....	100 00

*Department of Instruction—*

W. G. Hale, instructor .....	2,200 00
E. H. Decker, instructor .....	2,200 00
_____, vice Cosgrove .....	1,900 00

## SCHOOL OF MUSIC.

(k) Appointments all for ten months from Sept. 1, 1910:

G. R. Wade, instructor .....	1,700 00
Lois McCobb, instructor .....	900 00
Florence M. Kirkup, instructor .....	1,000 00
Mrs. Constance B. Smith, instructor in Sight Singing and Ear Training and in charge of Public School Methods...	1,400 00
A. A. Harding, instructor .....	1,000 00
H. J. Van den Berg, instructor .....	1,700 00
May E. Floyd, instructor .....	900 00
Sophie M. Voss, instructor .....	800 00
Elizabeth Laffin, assistant in Academy .....	500 00
Edith Bratton, instructor .....	900 00

## UNIVERSITY LIBRARY.

(l) Appointments, all for twelve months from Sept. 1, 1910, unless otherwise noted:

*General—*

F. K. W. Drury, assistant librarian .....	\$2,000 00
Josie B. Houchens, general assistant .....	840 00
Beulah A. Burroughs, stenographer .....	720 00
Harriet L. Postlewait, stenographer .....	600 00

*Order Department—*

Robert McCurdy, order librarian .....	\$1,200 00
Lois A. Reed, assistant.....	900 00
J. Hodnefield, assistant.....	1,000 00
_____, assistant.....	720 00
Florence A. Brundage, assistant.....	720 00
Mary H. Roberts, assistant.....	720 00
Rose A. Goldberg, stenographer and bookkeeper.....	660 00

*Catalogue Department—*

P. S. Goulding, catalogue librarian.....	1,400 00
Adah Patton, assistant.....	900 00
Annabel Hulburd, assistant.....	780 00
Antoinette H. Goetz, assistant.....	720 00
Jennie A. Craig, assistant.....	780 00
_____, assistant (new).....	720 00
Helen C. Magoon, typist.....	600 00
Student paging assistants, half time, from July 1, 1910.....	620 00

*Reference Department—*

Frances Simpson, reference librarian (salary paid on Library School account).	
Margaret Hutchins, assistant.....	780 00
Alice S. Johnson, assistant.....	780 00

*Loan Department—*

Emma R. Jutton, loan librarian.....	1,000 00
Frances M. Feind, assistant.....	780 00
Reba Davis, assistant.....	660 00
Edith Emigh, assistant.....	600 00
_____, assistant vice Goetz.....	600 00
_____, shelf assistant (new).....	840 00
Seven student shelf assistants, half time.....	1,160 00
_____, Sunday attendant, nine months, vice Cleavinger...	72 00

*Binding Department—*

Clara L. Gridley, binding librarian.....	840 00
--	--------

*Seminar Custodians—*

Nellie C. Geddes, classical seminar.....	780 00
H. W. Denio, economic seminar.....	1,200 00
Florence R. Curtis, library economy seminar (salary paid on Library School account).	
Ola Wyeth, language seminar.....	900 00

## LIBRARY SCHOOL.

(m) Appointments, all for ten months, from Sept. 1, 1910, unless otherwise noted.

Florence Curtis, instructor.....	\$1,000 00
_____, catalogue reviser, vice Griffin.....	180 00

## WATER SURVEY.

(n) Appointments all as noted.

W. F. Langelier, chemist and assistant in Sanitary Chemistry, twelve months, from Sept. 1, 1910.....	780 00
Carmen F. Harnack, clerk, twelve months, from July 1, 1910.....	540 00
J. J. Johnson, janitor, twelve months, from July 1, 1910...	420 00
W. Bernreuter, bacteriologist, twelve months, from July 1, 1910 .....	220 00

## UNIVERSITY GENERAL SALARIES.

(o) Appointments, all for twelve months, from Sept. 1, 1910, unless otherwise indicated:

*President's Office—*

B. E. Powell, private secretary to the president.....	\$2,100 00
J. H. Kelley, chief clerk.....	1,500 00
Jessie A. Smith, clerk.....	1,100 00
A. R. Lee, clerk.....	1,000 00
———, stenographer.....	750 00

*Registrar's Office—*

L. A. Boice, clerk.....	1,300 00
Ira M. Smith, assistant to the registrar.....	1,100 00
Tabitha Broadhurst, clerk.....	800 00
Frances Webb, stenographer.....	660 00
Extra help.....	300 00

*Comptroller's Office—*

N. Hay, purchasing agent.....	2,000 00
E. C. Harris, clerk.....	1,020 00
M. E. Thompson, clerk.....	900 00
G. E. Phillips, clerk.....	660 00
Walter Dunlap, clerk (purchasing agent's office).....	900 00

*Office of Dean of Graduate School—*

R. M. Haig, research assistant and secretary.....	800 00
Lida E. Voigt, clerk.....	780 00
Ethel Titus, stenographer (paid from commerce fund)....	480 00
Assistants .....	200 00

*Office of Dean of Men—*

A. R. Warnock, assistant dean of Men, twelve months, from July 1, 1910.....	1,200 00
P. B. Lauher, clerk.....	540 00
Olive Saxton, stenographer.....	900 00

*Office of Dean of Women—*

———, stenographer.....	500 00
------------------------	--------

*Office of High School Visitor—*

H. A. Hollister, high school visitor.....	2,640 00
Winifred Amos, stenographer.....	660 00

*Physical Culture Department—Men—*

H. L. Gill, assistant director.....	1,800 00
L. G. Hana, director of gymnasium.....	1,600 00
G. B. Norris, swimming instructor, ten months.....	600 00
T. E. Thompson, graduate manager of athletics, ten months	400 00
Roy N. Fargo, assistant in gymnasium, ten months.....	400 00

*Physical Culture—Women—*

Mary E. Williams, instructor, ten months.....	850 00
Mary V. Brooks, assistant, ten months.....	700 00
Marion Landee, assistant, half time.....	450 00
Rosa-Lee Gaut, pianist, ten months.....	300 00
Ruth Leonard, student assistant, ten months.....	200 00

*Military Department—*

Frederick Post, armorer.....	780 00
Instructors, four at \$100.00 each, ten months.....	400 00

*Superintendent of Buildings—*

J. A. Morrow, superintendent .....	\$2,000 00
------------------------------------	------------

*Superintendent of Grounds—*

E. Atkinson, superintendent.....	1,600 00
----------------------------------	----------

## ACADEMY.

(p) Appointments, all for ten months, from Sept. 1, 1910, unless otherwise noted:

F. W. Thomas, principal, twelve months.....	\$1,500 00
G. M. Palmer, instructor.....	1,050 00
Celia A. Drew, instructor.....	900 00
Ava D. Steele, instructor.....	900 00
H. B. Kingsbury, instructor.....	1,000 00
S. E. Boomer, instructor.....	950 00
S. J. Bole, instructor.....	900 00
———, instructor, vice Thomas.....	1,000 00
Margaret A. Scott, instructor.....	900 00
Milton W. Thompson, instructor, first semester.....	500 00
H. T. Nightingale, instructor, second semester, from Feb. 6, 1911 .....	550 00
Frances M. Moorehouse, instructor.....	900 00
C. W. Sandifur, instructor.....	1,000 00
J. P. Gilbert, instructor.....	1,100 00
———, instructor, vice Martin.....	900 00

## DEPARTMENTS.

(q) Equipment, appropriations and resources.

## AGRICULTURAL COLLEGE AND EXPERIMENT STATION.

[B. Estimates upon which appropriations are requested.]

*From College Funds—*

Department of Agronomy .....	\$13,500 00
Department of Animal Husbandry .....	16,500 00
Department of Dairy Husbandry .....	14,500 00
Department of Horticulture .....	14,500 00
Department of Household Science .....	8,700 00
Department of Veterinary Science .....	3,000 00
Farm mechanics .....	3,600 00
College extension .....	10,700 00
Office and miscellaneous .....	6,000 00
Drainage, fences and repairs .....	2,500 00
Total .....	\$93,500 00

*State Station Funds—*

Investigations in animal husbandry .....	25,000 00
Investigations in dairy husbandry .....	15,000 00
Investigations in orchards .....	15,000 00
Investigations in soils .....	60,000 00
Investigations in farm crops .....	15,000 00
Investigations in floriculture .....	8,000 00
Total .....	\$138,000 00

*From Hatch Fund—*

Department of Agronomy .....	\$1,700 00
Department of Animal Husbandry .....	2,700 00
Department of Dairy Husbandry .....	1,700 00
Department of Horticulture .....	1,700 00
Department of Botany .....	2,500 00
Office .....	4,700 00

Total .....	\$15,000 00
-------------	-------------

*From Adams Fund—*

Experiments in breeding .....	3,000 00
Horticulture experiments .....	4,500 00
Nutrition experiments .....	5,500 00
Statistical work .....	2,000 00

Total .....	\$15,000 00
-------------	-------------

Grand total .....	\$261,500 00
-------------------	--------------

## RESOURCES.

The following funds are available to meet the above estimates:

*College Funds—*

U. S. funds, interest on endowment (approximately) .....	16,000 00
U. S. funds, one-half Second Morrill bill .....	12,500 00
U. S. funds, one-half Nelson amendment .....	10,000 00
From State funds, general purposes .....	50,000 00
From State funds, drainage, fences, repairs .....	2,500 00
From State funds, household science .....	2,500 00

Total .....	\$93,500 00
-------------	-------------

*Station Funds—*

U. S. funds, Hatch bill .....	15,000 00
U. S. funds, Adams bill .....	15,000 00
State funds, for live stock experiments .....	25,000 00
State funds, crop experiments .....	15,000 00
State funds, soil experiments .....	60,000 00
State funds, dairy experiments .....	15,000 00
State funds, orchard experiments .....	15,000 00
State funds, floriculture experiments .....	8,000 00

Total .....	\$168,000 00
-------------	--------------

Grand total .....	\$261,500 00
-------------------	--------------

## COLLEGE OF LITERATURE AND ARTS, EQUIPMENT AND SUNDRIES.

*A. College, General—*

College fund, total (A) .....	700 00
-------------------------------	--------

*B. Departmental Appropriations—*

I. Art and design .....	500 00
II. Classics .....	200 00
III. Germanic languages .....	200 00
IV. Romance languages .....	200 00
V. English:	
1. Department equipment and sundries .....	1,060 00
2. For publishing eight numbers of the bulletin of the Illinois Association of Teachers of English.	250 00
3. Debating and oratory .....	400 00
4. Theme reading .....	200 00

*Department Appropriations—Concluded.*

VI. History sundries .....	\$ 200 00
VII. Psychology: Equipment, sundries and publication of monographs .....	1,000 00
VIII. College of Literature and Arts: For miscellaneous needs of smaller departments.....	100 00
Total .....	<hr/> \$5,010 00

## COLLEGE OF SCIENCE, EQUIPMENT.

*Astronomy—*

Equipment and incidentals .....	500 00
---------------------------------	--------

*Botany and Bacteriology—*

Equipment and incidentals .....	1,500 00
---------------------------------	----------

*Ceramics—*

Equipment and incidentals .....	1,000 00
Operating expenses .....	600 00

Total .....	<hr/> \$1,600 00
-------------	------------------

*Chemistry—*

New desks, changes in building and additions to permanent equipment:

1. Eight desks on third floor .....	2,400 00
2. Two desks in laboratory in basement .....	600 00
3. New balance room .....	300 00
4. Operating room on fourth floor .....	600 00

Total .....	<hr/> \$3,900 00
-------------	------------------

Apparatus and chemicals for current use, including receipts from students' fees; estimated at \$1,000.00 more than last year .....	14,000 00
Miscellaneous assistance (students, etc.) .....	900 00
Postage and petty expenses .....	250 00

Total .....	<hr/> \$19,150 00
-------------	-------------------

*Entomology—*

Equipments and incidentals .....	800 00
----------------------------------	--------

*Geology—*

Equipment and incidentals .....	1,000 00
---------------------------------	----------

*Mathematics—*

Incidentals .....	150 00
Transactions American Mathematical Society .....	50 00
American Mathematical Monthly .....	50 00

Total .....	<hr/> \$ 250 00
-------------	-----------------

*Physiology—*

Equipment and incidentals .....	1,000 00
---------------------------------	----------

*Zoölogy—*

Equipment and incidentals .....	1,500 00
---------------------------------	----------

*General Fund of College—*

Incidentals .....	\$ 400 00
Totals .....	\$27,600 00

## MUSEUM.

Equipment .....	1,500 00
-----------------	----------

## COLLEGE OF LAW, EQUIPMENT AND BOOKS.

For books .....	4,000 00
For custodians .....	600 00
For printing, postage, etc.....	1,500 00
Total .....	\$ 6,100 00

## SCHOOL OF MUSIC.

Incidentals .....	750 00
-------------------	--------

## UNIVERSITY LIBRARY.

Purchase of books .....	25,000 00
Incidentals .....	1,200 00
Printed analytical catalog cards .....	225 00
Book shelves to complete book-stack in west basement room.	130 50
Additional book-stacks in east basement room .....	2,000 00
Wales adding machine .....	350 00
Total .....	\$28,905 50

## LIBRARY SCHOOL.

Incidentals .....	1,000 00
-------------------	----------

## WATER SURVEY.

Miscellaneous, printing, postage, express .....	1,240 00
---	----------

## PRESIDENT'S OFFICE.

Incidentals .....	2,000 00
-------------------	----------

## COMPTROLLER'S OFFICE.

Postage .....	500 00
Stationery and printing .....	500 00
Incidentals .....	50 00
Total .....	\$1,050 00

## SCHOOL OF EDUCATION.

Expense .....	1,600 00
---------------	----------



## SUMMARY OF RECOMMENDATIONS CONCERNING GRADUATE SCHOOL APPROPRIATIONS, 1910-1911.

1. On ordinary accounts:	
1. Re-appropriation of current balances July 1st, as follows:	
a. On account of research fund.....	\$ 105 42
b. On accounts of Graduate School Library equipment .....	475 00
2. New appropriation, July 1, 1910:	
a. On account of scholarships and fellowships..	20,000 00
b. On account of research .....	3,500 00
c. On account of salary of research assistant and secretary .....	800 00
d. On account of incidentals .....	1,000 00
e. On account of library, equipment, manuscripts, maps, etc.....	2,500 00
f. On account extra clerical help .....	200 00
2. Illinois survey .....	2,500 00
3. University Studies:	
1. Re-appropriation of current balance, July 1.....	119 61
2. On account of new appropriation for year beginning July 1, 1910 .....	1,200 00
4. Journal of English and Germanic Philology:	
New appropriation beginning July 1, 1910.....	750 00
Total .....	<u>\$33,230 03</u>

## DEAN OF MEN'S OFFICE.

Incidentals .....	2,300 00
-------------------	----------

## DEAN OF WOMEN'S OFFICE.

Incidentals .....	500 00
-------------------	--------

## HIGH SCHOOL VISITOR'S OFFICE.

Visiting of schools, printing, furnishings .....	1,000 00
High school conference .....	750 00

## PHYSICAL CULTURE, MEN.

Incidental expenses and lockers ... ..	1,000 00
--	----------

## PHYSICAL CULTURE, WOMEN.

Incidentals .....	600 00
-------------------	--------

## MILITARY DEPARTMENT.

Incidentals .....	500 00
-------------------	--------

## SUPERVISING ARCHITECT.

Incidentals .....	1,600 00
-------------------	----------

## ACADEMY.

Incidentals, laboratory equipment .....	1,100 00
---	----------

## BUILDINGS AND GROUNDS.

Repairs, etc. ....	\$32,000 00
--------------------	-------------

## MUSEUM.

Additions, equipment, etc. ....	2,000 00
---------------------------------	----------

## MINING ENGINEERING.

Expenses , .....	2,300 00
------------------	----------

## MISCELLANEOUS.

a.	1. Board expense .....	2,500 00
	2. Labor and services .....	60,000 00
	3. Gas, coal, etc. ....	40,000 00
	4. Printing and postage and catalog and advertising..	12,000 00
	5. Furniture and fixtures .....	5,000 00
		<hr/>
		\$119,500 00
b.	1. Summer session .....	15,000 00
	2. Lectures .....	5,000 00
	3. Stenographer (vice-president's office) .....	300 00
	4. High school contest .....	400 00
	5. Public school drawing exhibition .....	50 00
	6. Editing catalog, etc. ....	500 00
	7. Alumni quarterly .....	1,000 00
	8. Stenographer (catalog ½) .....	300 00
	9. Blue printing .....	500 00
	10. Editing University bulletins .....	1,000 00
	11. Incidentals .....	8,000 00
		<hr/>
	Total .....	\$32,050 00

On motion of Mr. Crebs and by the following vote, the budget was approved as presented: Yeas, Abbott, Mrs. Bahrenburg, Crebs, Davison, Governor Deneen, Mrs. Evans, Grout and Hatch; nays, none; absent, Blair, Meeker, Moore and Mrs. Busey.

3. Opinion of Judge O. A. Harker, counsel of the University, concerning the power of the Board of Trustees to regulate the use of the University drive-ways by automobiles, motor cycles and other vehicles.

URBANA, ILL., May 31, 1910.

*Dr. Edmund J. James, University of Illinois.*

DEAR SIR—In compliance with your request I am pleased to submit to you the following:

OPINION as to the power of the Board of Trustees to regulate the use of automobiles and motor cycles within the University grounds.

The Board of Trustees has legal and exclusive control of all the University grounds except where traversed by public highways. As I understand it, the right of easement in the public streets extends only to Springfield avenue and that part of Green street lying east of the Engineering Hall in the entire body of land bounded by University avenue on the north, Wright street on the west, Romine street and Mathews avenue on the east, and a direct line from the south end of Wright street to the south end of Mathews avenue on the south. Over the remainder of the University grounds north of the public highway extending east and west immediately north of the cemetery the public have no right to easement whatever.

The mere fact that the University authorities have laid out walks and driveways over its grounds for the accommodations of students, teachers,

University officials, and visitors, does not justify an assumption that the public have been given a right of easement. Nor can a use of them by the public, without interference on the part of the University, ripen into such a right. The University may at any time abandon its driveways or close them against public use altogether. If it keeps them open it may determine what character of vehicles shall travel them and at what rate of speed.

Inasmuch as the University has heretofore allowed the use of its driveways by automobiles and motor cycles, I advise, in the event the Board of Trustees should decide to exclude them, that there be placed at each driveway entrance a large bill-board notice, as follows:

**"UNIVERSITY OF ILLINOIS PRIVATE DRIVEWAY.**

**Its use by Automobiles and Motor Cycles is Forbidden."**

If the board should decide to allow the use of driveways as heretofore, but decides to limit the speed, there should be displayed at each entrance a notice, something like the following:

**"UNIVERSITY OF ILLINOIS PRIVATE DRIVEWAY.**

**Speed Limit for Automobiles and Motor Cycles, 8 Miles per Hour. Persons Exceeding Speed Limit will be Prosecuted According to Law."**

A violation of any condition imposed for use of the driveways would subject the offender to a civil prosecution, only. What I mean by that is, that if the board should see fit to allow the use of the University driveways by automobiles at a rate of speed not exceeding eight miles per hour, a driver exceeding the speed limit could not be fined, and the only redress would be a civil suit for damages.

Respectfully submitted,

OLIVER A. HARKER,  
*University Counsel.*

Voted that the University Council of Administration be requested to draft a set of proposed regulations on the subject which, after approval by Judge O. A. Harker, the counsel of the University, shall go into effect when so ordered by the Committee on Buildings and Grounds of the Board of Trustees of the University.

**ACCOUNTANCY.**

4. Recommendation from the Board of Examiners of Public Accountants that the Board of Trustees of the University take the necessary steps under section 5 of the Illinois statutes, chapter 110-A, and summon Gordon H. Somers to show cause why his certificate of Certified Public Accountant should not be revoked.

[COPY.]

UNIVERSITY OF ILLINOIS EXAMINERS OF PUBLIC ACCOUNTANTS.

ROOM 716—100 WASHINGTON STREET.

CHICAGO, ILL., May 24, 1910.

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

GENTLEMEN—The enclosed circular letter soliciting business, signed by Gordon H. Somers, C. P. A., having been brought to our attention, and we being of the opinion that said letter is of a most improper nature, respectfully suggest and recommend that the Board of Trustees take the neces-

sary steps under section 5 of the Illinois statutes, chapter 110-A, to summon the said Gordon H. Somers to show cause why his Certificate of Certified Public Accountant should not be revoked.

SILAS H. STRAWN,  
R. S. BUCHANAN,  
WILLIAM ARTHUR CHASE,  
*Board of Examiners.*

Voted that the University Committee on Public Accountancy be authorized to cite Mr. Gordon H. Somers to appear before them for a hearing; to hear evidence, make a finding and then recommend to the Board of Trustees that the certificate be revoked or the complaint against Mr. Somers be dismissed.

#### DONATION OF LOCOMOTIVE TESTING PLANT.

5. A communication from Dean W. F. M. Goss of the College of Engineering stating that the Chicago and Northwestern Railway Company has presented to the University of Illinois the locomotive testing plant which for a number of years has been in use at its 40th street shops in Chicago.

Voted that said gift be accepted and the thanks of the Board of Trustees be given to the said railway company for its gift.

#### APPOINTMENTS—VACANCIES FILLED.

6. Recommendation that Edward Bartow be appointed Professor of Analytical Chemistry and Director of the Water Survey at a salary of three thousand dollars (\$3,000.00) per annum, beginning Sept. 1, 1910.

Voted that said recommendation be approved.

7. (1) A recommendation that Edward Sampson Thurston be appointed Professor of Law at a salary of thirty-five hundred dollars per annum, beginning Sept. 1, 1910.

On motion of Dr. Davison, and by the following vote, the appointment was made: Yeas, Abbott, Mrs. Bahrenburg, Crebs, Davison, Mrs. Evans, Grout, Hatch; nays, none; absent, Blair, Mrs. Busey, Governor Deneen, Meeker and Moore.

(2) That John Norton Pomeroy be appointed assistant professor of law for one year, beginning Sept. 1, 1910, at a salary of twenty-two hundred dollars (\$2,200.00) per annum.

On motion of Mr. Hatch, and by the following vote, the appointment was made: Yeas, Abbott, Mrs. Bahrenburg, Crebs, Davison, Mrs. Evans, Grout, Hatch; nays, none; absent, Blair, Mrs. Busey, Governor Deneen, Meeker and Moore.

8. (a) Recommended that the president of the University be authorized to fill all vacancies in the staff of the University, according to the budget adopted, as may occur during the vacation because of resignation or declination.

(b) Recommended that the president of the University be authorized to accept such resignations in the instructional and administrative staff as may be presented during the vacation.

Voted that said recommendations be approved.

9. Request by Prof. Thomas W. Hughes for leave of absence for one year on half salary.

Voted, on motion of Mrs. Bahrenburg, that said leave be granted.

## COMMISSION ON CAMPUS PLANS.

10. Report of progress on the campus plans now being considered by the commission appointed by the Board of Trustees, consisting of the State Architect, W. Carby Zimmerman, D. H. Burnham and Clarence H. Blackall.

Voted that the president of the Board of Trustees be authorized to enlarge this commission by the appointment of Frederick M. Mann, Professor of Architecture and head of the Department of Architecture, and James M. White, Supervising Architect.

## ACOUSTICS OF THE AUDITORIUM.

11. Report from Dr. Watson on the investigation of the acoustic properties of the Auditorium:

URBANA, ILL., Feb. 25, 1910.

*President Edmund J. James:*

DEAR SIR—I am presenting to you herewith a further report on the investigation of the acoustics of the Auditorium. The work has progressed along the lines indicated in my previous report of May 15, 1909.

I have perfected the apparatus whereby a response is obtained by a tuned electric circuit when a sound of definite pitch is set up. This apparatus is useful in mapping out the positions of concentrations of sound in an auditorium. The results of the work were presented before the meeting of the American Physical Society at the University of Illinois in November, 1909.

Further investigation and reading have pointed more clearly to the methods that will afford a solution for the difficulties. The method of curing faulty acoustics in a building may be written down as follows: (1) Introduction of absorbing material; (2) changing the shape of the building, including the introduction of partitions and the alteration of the wall surfaces; (3) introduction of a directed stream of air.

As has already been noted, the subject is one that leads an investigator into great mathematical and experimental difficulties. Thus we read in the works of Lord Rayleigh, the greatest authority on acoustics: "The accurate experimental investigation of aerial vibrations is beset with considerable difficulties which have been only partially surmounted hitherto." (Theory of Sound, Vol. II, p. 282.) "The general problem of the vibrations of a variable medium is probably quite beyond the grasp of our present mathematics." (Theory of Sound, Vol. II, p. 270.)

My investigations have shown that it is almost hopeless to trace out the paths of ordinary sounds in a closed room, because of the diffraction, or scattering, of rays when they strike an obstacle. They will bend almost at right angles around an obstacle, whereas a stream of light will bend scarcely at all. This is due to the large wave length of the ordinary sound. By working with sounds of a small wave length, I have been able to approximate the conditions of light waves and have secured a more certain control of their action. Thus I have been able to generate a sound in one room, project it into a hall, reflect it twice at angles of forty-five degrees and bring it into a room adjacent to the first and secure a sure response.

The use of sounds of short wave length is a distinct advance in the investigation, for it allows experiments to be made in a small laboratory and on a small scale. Ordinary sounds as given by the voice or by musical instruments are of long wave length, and if these sounds were used experimentally, there would be needed large dimensions of reflecting surfaces, great quantities of absorbing material, etc., with greater difficulty of manipulation. Results obtained by using the short waves may be interpreted for larger waves, and the final solution for the Auditorium acoustics hastened by this process.

The principle of diffraction indicates that the echo in the Auditorium may be stopped by altering the form of certain walls. Thus by introducing panels in the walls of the dome with rather deep recesses, the sound would be widely scattered. It is my intention to try this effect first on a small scale with short wave lengths, and then make deductions that will apply to the larger problem in the Auditorium.

The use of sounds of small wave length also affords a means of testing conveniently on a small scale the effect of a stream of air on sounds. Additional information along this line confirms the opinion advanced in the earlier report that the introduction of a directed sheet of air in the Auditorium will help the acoustics.

The investigations outlined in the previous paragraphs will take time and will defer the final solution. One line of investigation has suggested itself to me that may lead to a more speedy, though perhaps a partial, relief to the annoyance now experienced in the Auditorium. By directing a sound of a short wave against certain walls, an echo can be set up. Then by interposing large sheets of canvas, it seems probable that this sound may be intercepted and the echo stopped. Such a canvas, or some substitute, might be hung in the Auditorium until a better cure is found.

Respectfully submitted,

F. R. WATSON.

#### NUTRITION INVESTIGATION.

##### 12. Report of progress of the nutrition investigation:

JUNE 28, 1910.

*President Edmund J. James, University of Illinois:*

DEAR PRESIDENT JAMES—I wish hereby to report progress in the work of the nutrition investigations of the Laboratory of Physiological Chemistry. During the last fiscal year the Nutrition Investigation Commission has had two meetings. It has approved the general form of publication for the report, viz, that volumes 1 and 2 of the report will contain a detailed, readable presentation of the entire investigation, giving condensed summary tables of the experimental results, while the remaining three volumes will give, in scientific, technical form, the detailed experimental results of the entire investigation. The commission has approved for publication three volumes of the report and has also made a detailed study and approved parts of the remaining two volumes. I enclose herewith Exhibit A, which gives a brief summary of the contents of the several volumes of this report.

At present, negotiations are under way with publishers and printers with a view to ascertaining how the completed report may be best published. I am firmly convinced that, if it is possible, it will be best to have the report put out by such prominent publishers as MacMillan, Appleton, Longman, Green, or Lippincott and Company. Unless unforeseen difficulties arise, three volumes of the report will be placed in the hands of the publishers within the next six weeks.

On account of the unusually large mass of data which has been collected in connection with this experiment and the difficulty attending the proper interpretation of such data, due to the "individual idiosyncrasy" or "functional variability" of the subjects experimented upon, it has been found necessary to obtain the advice of Dr. Rietz, statistician of the Agricultural Experiment Station. Dr. Rietz and Mr. Mitchell of this laboratory have applied to the interpretation of the data of this investigation mathematical methods which will be of much value in arriving at correct and logical conclusions in connection with this, as well as other, investigations of a similar nature. The results of their study of the mathematical methods available for such work are to appear in print in the near future in a noteworthy contribution from this laboratory.

Up to the present time sixteen papers based upon the data obtained from this nutrition investigation have been published from this laboratory.

I enclose herewith, in Exhibit B, the titles of these papers. In addition, since September, 1907, when this investigation was undertaken, twenty-two papers have been published from this laboratory.

In this connection I wish to state that we have on hand a very large amount of excellent experimental data relating to the nutrition of man and also of lower animals, which should have been published before, but which we have been unable to publish on account of the fact that our present editorial force is not sufficient in number and capacity to properly and accurately prepare the material for publication.

Yours very truly,

H. S. GRINDLEY.

#### SUMMER SESSION.

##### 13. Report of the director of the Summer Session:

URBANA, ILL., June 28, 1910.

*President E. J. James, Natural History Building:*

DEAR PRESIDENT JAMES—I beg to submit the following report on the work of the Summer Session since the opening on Monday, June 20.

The number of students now enrolled at the University is 616. At the Biological Station at Havana there were at the close of last week thirty-nine students in attendance, making the total enrollment for the session at the present time at least 655. This is already a slight gain over the total enrollment of last year, which, at the end of the ninth week, amounted to just 650.

Of these 655 students I believe that fully one-half are teachers, although I am unable to state the exact proportion. Up to the present time 205 scholarships have been accepted in lieu of the tuition fee. Those who have been teaching in the State during the past year or who are under contract to teach during the coming year are entitled to these scholarships, provided that they are qualified to enter the University as regular students. The enrollment from outside of the State is about equal to that of last year's Summer Session. The number of graduate students is approximately three times as large this summer as it was last summer. From present indications, I believe that we could extend the usefulness of the Summer Session by offering more work in the College of Agriculture. There has been a very marked demand for agricultural courses this year. I visited the Biological Station last Friday and Saturday and found that the work was progressing favorably, although the enrollment is not so large as had been hoped. From the standpoint of quality, however, the students are all that could be desired. There were thirty-nine students enrolled at the close of the week and all of these were either teachers or students preparing to teach. A large number of them are graduate students—in fact, the staff of instruction at the station could not very effectively look after a larger number of graduate students than is now enrolled. The elementary courses, however, are not nearly so well attended. The student body seemed to be very enthusiastic over the way in which the work had started and I am confident that with their aid in making the work of the station known during another year, next summer's enrollment would show a large increase if it were decided to continue the work at Havana.

Respectfully yours,

W. C. BAGLEY,

*Director, Summer Session.*

## DISTRIBUTION OF LEGISLATIVE APPROPRIATIONS.

## 14. Recommendations:

1. *Courses in Commerce*—

That the salaries of the following persons:

E. R. Dewsnup.....	\$3,000 00
M. H. Robinson.....	2,750 00
N. A. Weston.....	1,250 00
E. L. Bogart.....	2,500 00
J. C. Duncan.....	2,500 00
Simon Litman .....	2,000 00
J. G. Thompson .....	1,400 00
J. K. Towles .....	1,400 00
Instructor Vice Morton .....	1,000 00
Oscar R. Martin .....	900 00
I. G. Flocken .....	750 00
J. A. Fairlie .....	2,750 00

Amounting to ..... \$22,200 00

be charged to the special appropriation of twenty-five thousand dollars (\$25,000.00) made by the Legislature at the last session for the maintenance of the Department of Social and Political Science and Industrial Economics, including instruction in banking, insurance, railway administration, etc., and that the balance of two thousand eight hundred (\$2,800.00) be appropriated for the incidentals, equipment and operating expenses of the courses in commerce.

2. *Course in Ceramics*—

That the salaries of the following persons:

A. V. Bleininger .....	\$2,500 00
R. T. Stull .....	2,000 00
Instructor .....	800 00
Assistant .....	400 00
Additional assistance .....	200 00

Amounting to ..... \$5,900 00

be charged to the balance of the special appropriation of seven thousand five hundred dollars (\$7,500.00) made by the Legislature at the last session for the maintenance of the course in ceramics, and that the balance of sixteen hundred dollars (\$1,600.00) be appropriated for incidentals, equipment and operating expenses of the course in ceramics.

3. *Course in Mining Engineering*—

That the salaries of the following persons:

H. H. Steck .....	\$4,000 00
Carl S. Stevenson .....	1,200 00

Amounting to ..... \$5,200 00

be charged against the special appropriation of seven thousand five hundred dollars (\$7,500.00) made by the last Legislature for the maintenance and support of the Department of Mining Engineering, and that the balance of the twenty-three hundred dollars (\$2,300.00) be appropriated for the incidentals, equipment and operating expenses of said department.

4. *Law School*—

That the total amount of salaries paid to members of the staff in the Law School be charged to the special appropriation of sixteen thousand five hundred dollars (\$16,500.00) a year made by the Legislature at the last session,



for the equipment and support of the Law School, and that the additional amount necessary to provide for the salary list of the Law School and the other items appropriated by the trustees for the support of the Law School, be charged to the general funds of the University.

5. *College of Agriculture and Agricultural Experiment Station—*

That the total amount of salaries paid to members of the staff of the College of Agriculture and the Agricultural Experiment Station be charged to the special appropriations made to these departments by the State and federal government.

6. *Music School—*

That the total amount of salaries paid to the staff of the Music School be charged against the special appropriation of three thousand dollars (\$3,000.00) made by the Legislature at its last session for the maintenance of the School of Music, and that the additional amount necessary to meet the salaries of the staff of the Music School and the other appropriations made by the Board of Trustees for the support of the school be charged against the general funds of the University.

7. *College of Engineering and Engineering Experiment Station—*

That of the total amount of salaries paid to the staff of the Engineering College, amounting to one hundred seventy-two thousand, one hundred and fifteen dollars (\$172,115.00) more or less, twenty thousand dollars (\$20,000.00)—being somewhat more than one-ninth of the total—be charged against the special appropriation of eighty thousand dollars (\$80,000.00) made by the Legislature at its last session for the maintenance and extension of the Engineering College and expenses of the Engineering Experiment Station.

Also, that the sum of five thousand dollars (\$5,000.00) be appropriated for the support of the Engineering Experiment Station fellowships and be charged to the special appropriation just mentioned.

Further, that the sum of thirty thousand dollars (\$30,000.00) be appropriated for the support of the Engineering Experiment Station, and that the same be charged to the same special legislative appropriations.

Further, that the sum of twenty-five thousand dollars (\$25,000) be appropriated for the expenses, maintenance and extension of the nine departments of the College of Engineering, and that the same be charged against the special appropriation mentioned above.

Further, that the balance of the expense of the Engineering College and Engineering Experiment Station which may be ordered by the Board of Trustees, shall be charged to the general funds of the University.

By the following vote, said recommendations were approved: Yeas, Messrs. Abbott, Crebs, Davison, Grout, Hatch and Mrs. Bahrenburg and Mrs. Evans; nays, none; absent, Blair, Mrs. Busey, Governor Deneen, Meeker, Moore.

15. (a) That the unexpended balance of the sum appropriated for the Engineering Experiment Station fellowships for the past year be re-appropriated to the Engineering Experiment Station for general expenses.

(b) That the unexpended balance of the sum appropriated for the brake shoe testing machine, amounting to four hundred five dollars and eighty-seven cents (\$405.87), be assigned to the School of Railway Engineering and Administration for general purposes.

Voted that said recommendations be approved.

DEAN OF WOMEN.

16. Recommendation that Mrs. Mary E. Fawcett be appointed acting dean of women for one year, at a salary of fifteen hundred dollars (\$1,500.00) per annum, beginning July 1, 1910.

Voted, on motion of Mrs. Evans, that said recommendation be approved.

17. Request from Messrs. Everhart and Rainey for a grant of two hundred dollars (\$200.00) for printing the Illini during commencement week, 1909.

Voted to refer said request to the president of the University with power to act, by the following vote: Yeas, Messrs. Abbott, Crebs, Davison, Mrs. Bahrenburg and Mrs. Evans; nays, Messrs. Grout and Hatch; absent, Blair, Mrs. Busey, Governor Deneen, Meeker, Moore.

#### EXAMINATION OF BUILDINGS AND INVENTORY.

On Dr. Davison's motion, and by the following vote, the special Medical Committee, composed of Messrs. Abbott, Davison and Hatch, was authorized to incur the necessary expense to an amount not exceeding five hundred dollars in ascertaining the condition of the buildings, and in making a proper inventory of the equipment of the College of Physicians and Surgeons: Yeas, Messrs. Abbott, Crebs, Davison, Grout, Hatch, Mrs. Bahrenburg and Mrs. Evans.

#### RESIGNATION OF THE REGISTRAR.

18. I present the resignation of the registrar, Mr. Pillsbury:

*W. L. Abbott, Esquire, President Board of Trustees, University of Illinois, Chicago, Illinois:*

DEAR SIR—I beg leave to hand you herewith my resignation of the office of registrar in the University of Illinois to take effect Sept. 30, 1910.

Sept. 1, 1893, the office of registrar in the University of Illinois was created and I was appointed to the position, which I have held ever since. I am asking to be allowed to withdraw from this position at this time solely on the ground that advancing years have made it seem to me to be desirable to withdraw from quite so active a life as I have been pursuing for now a good many years.

I wish to thank the Board of Trustees for the confidence in me it has shown by re-electing me year after year from 1893, and my only hope is that I have not proved an unworthy servant of the University.

Very respectfully yours,

W. L. PILLSBURY.

The resignation was accepted.

#### DEGREES CONFERRED.

The secretary presented the lists of persons upon whom degrees have been conferred at the dates named.

DEGREES CONFERRED JUNE 15, 1910.

COLLEGE OF LITERATURE AND ARTS.

DEGREE OF BACHELOR OF ARTS.

*In Specialized Courses, Thesis Required.*

Lois Maia Miles  
Ellsworth Moore

Francis Howard Swits  
Ralph Earl Tietje  
Frances Milton Morehouse

*In General Courses.*

Richard Woleben Bardwell	Ernst Theodore Kreuger
Agnes Barrett	Zelma Ria Large
Herbert Bebb	Martha Serena Larson
Bernhard August Beinlich	Mrs. Mildred Leas Black
Ira John Berkema	Elmer Archibald Leslie
Hannah Beulah Berolzheimer	William Knowlton McAllister
Grace Josephine Black	Lola DeWitt McClurg
Alice Ledlie Blair	Ralph Nichols McCord
Minnie Joanna Bollman	Lilabel McKinney
Alida Cynthia Bowler	Louis Brawley Mayne
Sara Hazel Brand	Mary Hazel Melrose
Lelah Brownfield	George Morris
Wilbur L. Buchanan	Thomas Edgar Musselmann
Claude Emanuel Burgener	Essie Edwina Neal
Sarah Myrtle Castile	Saidee Esther Nelson
Maud Opal Cessna	Clarence Eugene Noerenberg, Arch.
Agnes Bouton Cooper	Eng'g.
Hazel Iona Craig	Florence Mae Parrett
William Wilbur Dale	Owen Earle Pence
Karl M. Dallenbach	Reba Niles Perkins
Gertrude Curtis Davis	Laura Estelle Pierce
John Edward Demmer	Ermin Fawcett Plumb
Bertha Elizabeth Denning	Frank Davis Preston
Alice Harriet Durland	Clara Pruyn
Randolph Eide	Amanda Barbara Renich
Arthur Wesley Eisenmayer	Louise Henrietta Ross
Lloyd Kirk Ellsberry	Carrie LeVerne Rule
Marie Jeanette VonEngelken	Otto William Schreiber
John Weston Essington	Bessie Estelle Shackell
Ruth Davida Felmley	John Raymond Shulters
Irene Mary Ferris	Ruth Husted Signor
Ulysses Simon Fitzpatrick	Harry Herbert Slawson
Robert Bruce Fizzell	Elmer Roy Stahl
Harvey Aiken Flanders	Laura Annetta Stephens
Cicely Sarah Goff	Milton Leonard Stevenson
Nina Vivien Gresham	Elder Louisa Swanson
Roland Wheelock Griffith	Alta Caroline Swigart
Ada Olive Haggard	Ele D. Swisher
Obed Lewis Herndon	Warren L. Talbot
Alma Bertha Caroline Heuman	Fred Reeves Tate
Lucie Pearl Hickman	Dalla Alice Taylor
Inez Field Highfill	Ward Hastings Taylor
Fanny Wilder Hill	Milton Winfield Thompson
Henry Elmer Hoagland	Nellie Edith Tilton
Ethel Annetta Hollister	Nannie Pearl Tipton
Anna Leo Hull	Khoo-din Su-peh Tsiang
Walker Francis Hull	Elkan Turk
Orma Archer Innis	Irma Elizabeth Voigt
Ernst Otto Jacob, B. S.	Thomas William Walton
Helen Dickson James	Lena Althea Walworth
Opal Rogers Jones	Marguerite Watson
Harvey Lamech Kessler	Margaret Weinberg
Stella Pauline Kleinbeck	Florence Leon White
Ethel Gyola Kratz	Hulda Catherine Witte
Augusta May Krieger	Jeudan Tun-Shou Zhen

*In Business Administration.*

(With Thesis.)

Ray Chamberlain Berry  
Charles Parker Levis  
Paul Charles Peine

Albert Monroe Perkins  
Harold Bertram Prout  
William Seed Redhed

(Without Thesis.)

Louis Raymond Bear  
John Renshin Fornof  
Daniel Tilden Hoskins  
Esley Ebenezer Johnson  
William Prentice Kuhl  
Irving August Isaac Lindberg  
Chase Witney Love  
Royal Ross Moss

David Petrie  
Wendell Phillips Renner  
George William Schoeffel  
George Snyder Ward  
Donald Francis Wiley  
Clarence Foss Williams  
William Strong Wright

*In Household Science.*

Alta Hattie Morgan  
Villa Mae Sprague

Grace Esther Stevens

## COLLEGE OF SCIENCE.

## DEGREE OF BACHELOR OF ARTS.

*In General Science.*

(With Thesis.)

Erwin Oliver Finkenbinder  
Frank Caleb Gates  
Joseph Douglas Hood  
Frank Loyer Pinckney

Albert Rumble Pollard  
Ethel Claire Pond  
George Rutledge  
Arthur Lloyd Smith

(Without Thesis.)

Frances Dorcas Abbott  
Walter Bernreuter, B. S.  
Robert Ellsworth Brown  
Walter Elmer Ekblaw  
Charles Lyman Ellis  
Sanford Lackey Grove, B. S.  
Margaret Hope Hallett  
Margaret May Herdman  
Walter Jacob Kaar  
Charles Henry Keltner  
Harold William Lynch

Nell Alma Nollen  
Charles Vincent O'Hern  
Francis Gerald Griffin Reardon  
Webster Barclay Rose  
Leroy Briggs Sherry  
Ludlow Joseph Washburn  
Everett Williams  
Minnie Yonge  
Rose Jeanette Young  
John Bennett Yowell

*In Household Science.*

Abigail Maria Hess

Hallie Walker Hyde

*In the Six-Year Medical Course.*

Laurie Lee Allen  
Ewell Gerdes Franken  
Garabed Arshag Zacar Garabedian

Walter Raymond Jones  
Edwin Morton Miller

## DEGREE OF BACHELOR OF SCIENCE.

(With Thesis.)

*In Ceramics.*

Earl Kellogg Stuart

Arthur Edwards Williams

*In Chemical Engineering.*

Alexander William Beemer  
Benjamin Harrison Harrison  
Warner Madison Hattrem  
Nehemiah William Hill

Harold Stuart Ingram  
Lawrence Charles Turnock  
Claude Levern Wagner  
Frank Wills

*In Chemistry.*

Frank Bachman  
John Henry Bornmann, Jr.  
Raymond Franklin Hammer

Russell Samuel Howard  
Richard Hanna Lewis  
Lynn Andre Watt

(Without Thesis.)

*In Chemistry.*

Arthur Irving Jordan  
Herbert Thompson McAllister  
Oliver William Mojonnier

Otto Fred Schulzke  
Thomas Eugene Thompson  
David Wallace Warnock

## COLLEGE OF ENGINEERING.

## DEGREE OF BACHELOR OF SCIENCE.

*In Architecture.*

Arthur Eugene Bramhall  
Edwin Corliss Atlee Bullock  
Warren William Day  
John Reed Fugard  
Benjamin Albert Horn  
Wilbur Gilpin Hyde

Roy Skinner Mason  
Harry Jasper Reiger  
Charles Henry Schnetzler  
Alvin Truesdell Tumbleson  
Leon Francois Urbain  
Robert Guy Van Doren

*In Architectural Engineering.*

Leon Eaton Cummins Ashley  
Ralph Roger Bramhall  
Charles Harris  
Carl Frederic Hassenstein  
Walter Carl Heimbeck  
Nolan Dickson Mitchell, B. C. E., University of Arkansas, 1908

Henry Dixon Oberdorfer  
Noah Webster Overstreet, B. S., Mississippi Agr. and Mech. Col., 1908  
Arthur Tucker Porterfield  
James Verney Richards

*In Civil Engineering.*

Harold Brother Anderson  
Daniel Manning Avey  
George Andrew Christian Barth  
Charles Manley Bell  
Max Arnold Berns  
Harry Clow Boardman  
Horace Dale Bowman  
Kingsley Abner Burnell  
John W. Buzick  
Camillo Chopin Christensen  
Earl Zink Cornwell  
Nelson Earl Craig  
Paul Calvin Crowell

John Blanton Dabney, B. S., Mississippi Agr. and Mech. Col., 1908  
Walter Edward Deuchler  
Clifford Erick Joseph Erikson  
Irwin Glenn Ferguson  
Victor Byron Fredenhagen  
Arthur Carl Griewank  
James Thomas Hanley  
Nathan Richard Hill  
Paul Frederick Jervis  
Elmer Juergens  
Paul Kautz  
Karl Kiedaisch

William Koestner  
 Lazarus Levison  
 Chester Arthur Lord  
 Walter Eugene Lord  
 Marcus Sanders McCollister  
 Dana Quick McComb  
 Lee Allen McElhiney  
 Wilbur Roy Manock  
 William Christian Miller  
 Leslie Earl Miner  
 Charles Halvathious Mottier  
 William Atkinson North  
 Charles Arthur Nye  
 Henry Penn  
 Eugene Strode Pennebaker  
 Karl Lewis Ponzer  
 Henry John Popperfuss  
 George William Rathjens  
 Carl Barrows Richardson  
 Kendall Edward Robinson  
 Peter Wolff Seiter

Benjamin Shapiro  
 Edgar James Shaw  
 Raymond Joseph Shields  
 Harry Erle Shinn  
 Arcadie Jacob Shklowsky  
 George Harold Smith  
 Seymour Standish  
 Thomas Ralph Strobridge  
 John Strom  
 Felix Jose Sumay  
 Hugo Ewald Surman  
 William James Swisher  
 John William Thomsen  
 Harold Eugene Tobey, B. S., Knox  
 College, 1906  
 Alwin Eugene John Wanderer  
 Jacob Wendling  
 Frederick William Weston  
 Otis Gunn Whitehead  
 Glenn Richard Williams  
 Otto Fred Wolf

*In Electrical Engineering.*

Ernest Henning Bailey  
 Herbert Eugene Bell  
 Edward Webb Brown  
 Charles Montgomery Bunn  
 Harley Thompson Burgner  
 Joseph Ferdinand Chinlund  
 Harry Harmon Coe  
 Warren Errett East  
 Harry David Easterbrook  
 Byron Meridith Fast  
 Juan Ignacio Garza  
 Eugene Stuart Hight  
 George Guy Jeter  
 Carter Herbert Lamb  
 Ruel Forrest Lehman  
 Fred H. McClain  
 Charles Eugene McCormack  
 Earle W. Martin  
 Harry Albert Moore  
 George Harold Myrick  
 Robert Edward Joseph Nihan  
 Martin Jacob Overholser

Donald Alfred Pierce  
 Leonard George Pierce  
 Fred Cameron Pratt  
 William James Putnam  
 Claude Hazlett Reeder  
 Edwin Brown Righter  
 Frank Anson Robbins, A. B., Yank-  
 ton College, 1907  
 Joseph Robbins  
 William Fred Schaller  
 Orin Earl Shirley  
 Robert Lee Shute  
 Arthur Henry Sonntag  
 Robert Michael Spurck  
 James Donald Sterling  
 James Ross Stevenson  
 William Homer Terrey  
 Henry Spafford Thayer  
 Hubert Michael Turner  
 George Richard Welch  
 Burton Cyrenius Job Wheatlake, B. S.,  
 Greenville College, 1907

*In Mechanical Engineering.*

Ira Blair Altekruze  
 George Bergen Bashin  
 Allen Axel Blomfeldt  
 Clarence Boyle, Jr.  
 Clarence David Butzer  
 Orson Allen Carnahan  
 William Francis Coleman  
 George Alfred Cooper  
 Leroy Morrell Dunsheath  
 Dwight Griffin  
 Walter Milo Griffiths  
 Arthur Sariah Grossberg

Laurence Richard Guley  
 Columbus Loren Harkness  
 Donald Frederic Harrison  
 Walter Millard Haskell  
 Clarence Schuck Heislar  
 William Gottlieb Hiller  
 Jonathan Huntoon Samuels Hodgson  
 Ralph Edgar Holch  
 Jose Maria Homs  
 Walter John Hughes  
 Charles Henry Jacobsen  
 James Frank Janda

Ferdinand Jehle  
 Goodrich Quigg Lewis  
 Floyd James Mackey  
 Herman Moschel  
 Chester Wright Munson  
 Roy Kenneth Murduck  
 James Clyde Parmely  
 David Collins Patton  
 Harry John Paul  
 Carlysle Pemberton  
 Harry Viggo Petersen

Fred Madison Poe  
 Daniel Maltby Rugg  
 George Schuster  
 Charles Culver Shields  
 Frank Earl Sperry  
 Arthur Otto Spierling  
 Edison Harris Stone  
 Bernard Carlyle Van Pappelendam  
 Charles M. Walker  
 Stephen Gaskell Wood  
 Aaron Wilbur Zimmerman

*In Municipal and Sanitary Engineering.*

John Blanton Dabney, B. S.  
 Willis Chester Danielson  
 Louis August Dumond

Walter Gottfrid Stromquist, A. B.,  
 Bethany College, 1905

*In Railway Civil Engineering.*

Neil Nelson Campbell

Hiram Edward Crossland

*In Railway Electrical Engineering.*

Edgar Dwight Doyle  
 Orus Ethan Gates  
 Chester Irving Hall

Frank Wyatt Hatten  
 Ludwig Kummer  
 Howell Hiram Reeves

*In Railway Mechanical Engineering.*

Wilbur James Dixon  
 William Rambo Hanes

John Crocker McLean

COLLEGE OF AGRICULTURE.

DEGREE OF BACHELOR OF SCIENCE.

*In Agriculture.*

(With Thesis.)

Frank Cravens Grannis

Elmer John Thompson

(Without Thesis.)

William Henry Arnold, Jr.  
 Fred George Arends  
 Winham Henry Balis  
 George Thomas Bond  
 Thomas Bregger  
 Kie Catron  
 Richard Osborne Compton  
 Watts Cyrus Cutter  
 Edward Leland Dillon  
 Landale William Duncan  
 Ignacio Ceferino Enriquez  
 J. Frank Felter  
 Nagendra Nath Gangulee  
 Charles Henry Healy

Robert Edward Hopkins  
 Alexander Gibbon Hughes  
 Charles Jay Jones  
 Lloyd George Jones  
 Karl Parker Kipp  
 Roy Herman Louis Keller  
 Walter Frederick Kunz  
 Harry Peter Larson  
 Robert Lowe  
 Elmer Massey McDonald  
 William Earl McKeever  
 Alva Brace Meek  
 Paul Irving Miner  
 George Frederick Onken

David Cook Petrie  
Oakley Beebe Rives  
Carlos Nicolas Romero  
William Amos Sawtell  
Albert Butler Sawyer, Jr.  
Myron Boyd Stewart

Delbert Mayo Tilson  
James Robert Rathie Waldie  
Ernest DeWitt Walker  
John Ezra Whitchurch  
Charles Julius Willard  
Henry Clay Wood

*In Landscape Gardening.*

Henry Clarke Balcom

*In Household Science.*

Leila Holland  
Goldie Minnie Kneberg  
Hazel Denton Mandeville

Martha Marie Matthews  
Laura May Miller  
Olive Belle Percival

COLLEGE OF LAW.

DEGREE OF BACHELOR OF LAWS.

Alphon Lester Anderson  
Thomas Chester Angerstein  
William Floyd Barnett, A. B., 1907  
Eugene Bland  
Charles Edmund Blaine, A. B., Park  
College, 1906  
Claude Harold Brewer  
Rufus Samuel Dietrich  
Otto Frederick  
Roscoe Charles Frederick  
Augustus Henry Fridrichs  
Noah Gullett  
Percy Eli Gunn  
Alpheus Gustin  
John Woodman Harris  
Rollin Moulton Hayes  
Oscar William Hoberg  
George Fulton

Grant Johnson  
Alba Allen Jones  
Bradley Jay Knight  
Orrin Hugh Lawler  
John Emmett Layden  
William Chester Maguire  
Christopher Mamer, Jr.  
Elisha Powell Norman  
John William Palmer  
Alfred Ray Patton  
James Michael Powers  
Fred Harold Railsback  
Percie Cobbs Rentfro  
Louis Rockwell  
Henry Ellis Shipley  
Edwin Leonard Wilson, A. B., 1908  
George Vernon Wood  
Daniel Zimmerman

DEGREE OF DOCTOR OF LAW.

Fred Parker Benjamin, A. B., 1908    Bernard Andrew Strauch, A. B., 1908  
Lyman Samuel Mangas, A. B., 1908

SCHOOL OF MUSIC.

DEGREE OF BACHELOR OF MUSIC.

(With Thesis.)

Grace Margaret Alverson  
Mary Elizabeth Mann, A. B.

Irene Mary Parsons, A. B.  
Elizabeth Irene Rose



## STATE LIBRARY SCHOOL.

## DEGREE OF BACHELOR OF LIBRARY SCIENCE.

Mary Constance Bigelow, A. B., 1902	Bertha Mabel Schneider, A. B., Ohio
Alice Ledlie Blair	State University, 1907
Elizabeth Sarah Bryan, A. B., 1908	Lucy Gray Wilson
John Simeon Cleavinger, A. B., 1909	Nelle Mae Wilson
	Margaret Crowell Wood

## GRADUATE SCHOOL.

## DEGREE OF MASTER OF ARTS.

William Sylvester Adams, A. B., 1907	Oliver Sherman Hubbard, B. S., 1905
Benjamin McAlester Anderson, Jr., A. B., 1906	Henry Elmer Hoagland, A. B., 1909
Zelda Maude Ayres, A. B., 1909	Ola Estelle Huston, A. B., 1909
Margaret Lewis Bailey, A. B., 1903	John Webb Irwin, A. B., 1909
Anna Mabel Ballans, A. B., 1909	Herman Gerlach James, A. B., 1906, J. D., 1909
Margaret Esther Ballew, A. B., 1909	Truman Nathaniel Jones, A. B., 1909
Philip Stephan Barto, A. B., 1906	Jacob Garrett Kemp, A. B., 1906
Garland Armor Bricker, B. Ped., 1907	Benjamin George Lehenbauer, A. B., 1909
William Everett Britton, A. B., 1909	
William Hemphill Campbell, A. B., 1894	Arthur Chester Millsbaugh, A. B., 1908
George Ernest Carscallen, A. B., 1906	Jesse Edwin Moncrieff, B. S., 1909
Margaret Isabel Chase, A. B., 1909	Mary Ola McGinnis, A. B., 1902
Vida Lucile Collins, A. B., 1907	Josiah Main, B. S., 1907
Robert Alexander Cummins, B. S., 1909	Herbert Tirrill Osborn, A. B., 1909
Ray Maxwell Dillon, A. B., 1909	Irene Mary Parsons, A. B., 1908
Margaret Steel Duncan, A. B., 1908	Vere Dorothy Perring, A. B., 1909
James Everett Egan, A. B., 1908	Eleanor Farrand Perry, A. B., 1909
Flora Edith Farmer, A. B., 1909	Lorinda Perry, A. B., 1909
Charles Albert Fischer, A. B., 1905	Max Ravitch, A. B., 1909
Sara Carolyn Fisher, A. B., 1909	Eleanor Bryce Scott, A. B., 1909
Claire Vesta Forrey, A. B., 1909	Frank Walters Thomas, A. B., 1905
Chester Hume Forsyth, A. B., 1906	Charles Manfred Thompson, A. B., 1909
Mary Louise Gay, A. B., 1906	Vincent Hollis Todd, A. B., 1907
Bessie Rose Green, A. B., 1907	Eston Valentine Tubbs, A. B., 1909
Alta Gwinn, A. B., 1907	Sidney Walter Wright, A. B., 1901

## DEGREE OF MASTER OF SCIENCE.

Orlo Dorr Center, B. S., 1905	Andrew Jacobson, B. S., 1906
James Austin Coss, B. S., 1903	Frederick William Kressmann, B. S., 1909
Elzy Franklin Downey, A. B., 1909	Edith Leonard, B. S., 1906
Jasper Fay Eastman, B. S., 1907	Arselia Bessie Martin, B. S., 1909
Stanley Prince Farwell, B. S., 1907	Clyde Hadley Myers, B. S., 1907
Walter Lee Gaines, B. S., 1908	Barney Simonson Radcliffe, A. B., 1908
Frederic William Gill, B. S., 1906	Edwin George Schafer, B. S., 1907
Hugh Byron Gordon, A. B., 1908	Willis Appleford Slater, B. S., 1906
Harry Gray Hake, B. S., 1907	Harold Edwin Stevens, B. Agr., 1906
Nelson William Hepburn, B. S., 1907	Earle Kenneth Strachan, B. S., 1908
Paul Alexander Hoffman, B. S., 1909	Harley Jones Van Cleave, B. S., 1909
Joseph Gladden Hutton, S. B., 1908	
Simon H. Ingberg, C. E., 1909	

## DEGREE OF MASTER OF ARCHITECTURE.

Walter Thomas Bailey, B. S., 1904    Ralph Steele Shepardson, B. S., 1907

## DEGREE OF CIVIL ENGINEER.

George Joseph Ray, B. S., 1898    Roy Harley Slocum, B. S., 1900  
John Jefferson Richey, B. S., 1903    Carroll Carson Wiley, B. S., 1904

## DEGREE OF ELECTRICAL ENGINEER.

Antonio Guell, M. E., M. S., 1907    Ludwig Gutmann, B. S., 1904

## DEGREE OF MECHANICAL ENGINEER.

John Cabel Cromwell, B. S., 1886    William Doke Scott, M. E., 1908  
Raymond William Dull, B. S., 1897

## DEGREE OF DOCTOR OF PHILOSOPHY.

*In Chemistry.*

Clarence George Derick, M. S., 1909    Paul Edward Howe, A. M., 1907  
Thomas Reuben Ernest, A. M., 1908    John Anton Kostalek, A. M., 1908  
Alfred William Homberger, A. M.,    Henry Albright Mattill, A. M., 1907  
1908

*In Mathematics.*

Elizabeth Ruth Bennett, A. M., 1908

*In Modern Languages—English.*

Herbert Le Sourd Creek, A. M., Butler College, 1905.

*In Modern Languages—German.*

William Charles Hilmer, A. M., 1903    Emma Gertrude Jaeck, A. M., 1908

*In Physics.*

Edward Beattie Stephenson, M. S.,    Elmer Howard Williams, A. M., 1906  
1907

## HONORARY DEGREES.

## DEGREE OF DOCTOR OF ENGINEERING.

Lester Paige Breckenridge, Ph. B.,    Isham Randolph  
M. A.

## DEGREE OF DOCTOR OF LAWS.

Mrs. Ella Flagg Young, Ph. D.

## HONORS.

Honors have been awarded by the University Senate for scholarship as follows:

## SPECIAL HONORS.

*College of Literature and Arts.*

Lois Maia Miles  
William Seed Redhed

Ralph Earle Tietje  
Frances Milton Morehouse

*College of Science.*

Ethel Pond  
Frank Caleb Gates

Claude Levern Wagner  
George Rutledge

*College of Engineering.*

Charles Henry Schnetzler  
Nolan Dickson Mitchell  
Eugene Stuart Hight

Ira Blair Altekruze  
Edgar Dwight Doyle

*School of Music.*

Mary Mann

## FINAL HONORS.

*College of Literature and Arts.*

Hannah Beulah Berolzheimer  
Alida Cynthia Bowler  
Wilbur L. Buchanan  
Agnes Bouton Cooper  
Obed Lewis Herndon  
Lola DeWitt McClurg  
Lois Maia Miles

Frances Milton Morehouse  
William Seed Redhed  
Bessie Estelle Shackell  
Ralph Earle Tietje  
Elkan Turk  
Florence Leone White

*College of Science.*

Ewell Gerdes Franken  
Frank Caleb Gates  
Nehemiah William Hill

Edwin Morton Miller  
Ethel Claire Pond  
George Rutledge

*In the College of Engineering.*

Harold Brother Anderson  
Ralph Roger Bramhall  
Harry Clow Boardman  
Orson Allen Carnahan  
Walter Edward Deuchler  
Edgar Dwight Doyle  
Laurence Richard Gully  
Charles Harris  
Benjamin Albert Horn  
Marcus Sanders McCollister

William Atkinson North  
Henry Dixon Oberdorfer  
Bernard Carlyle Van Pappelendam  
Henry Penn  
Frank Anson Robbins  
Peter Wolff Seiter  
William Fred Schaller  
Orin Earl Shirley  
Henry Spafford Thayer

*In the College of Agriculture.*

George Thomas Bond  
Martha Matthews  
Ernest DeWitt Walker

Charles Julius Willard  
Henry Clay Wood

*In the College of Law.*

Thomas Chester Angerstein  
Fred Parker Benjamin

Bernard Andrew Strauch

*In the School of Music.*

Elizabeth Rose

*In the Library School.*

John Simeon Cleavinger

## COMMISSIONS IN THE ILLINOIS NATIONAL GUARD.

Warren William Day	Owen Earle Pence
Harry David Easterbrook	Frank Davis Preston
Clifford Erik Joseph Erickson	Myron Boyd Stewart
Eugene Stuart Hight	Earl Kellogg Stuart
Joseph Douglas Hood	Fred Reeves Tate
Alexander Gibbon Hughes	Elkan Turk
Lloyd George Jones	Alvin Eugene John Wanderer
Goodrich Quigg Lewis	Thomas William Walton
David Collins Patton	Frederick William Weston

The University Gold Medal has been awarded to Herbert Thal Leo.  
The Hazelton Gold Medal has been awarded to Hays Eckert.

## THE COLLEGE OF MEDICINE.

## THE DEGREE OF DOCTOR OF MEDICINE AND SURGERY.

Conferred June 7, 1910, in Chicago.

Franklin William Adams	Frank Gerald Douglas
Cleason Cushman Atherton, M. D.	Jennie A. Duncan
Lewis Harlan Athon	Jacob William Eede, M. D.
Jose P. Bantug	Clarence Oscar Epley
Amil Chandra Basu	William George Epstein
Axel Ferdinand Benson	Marion Eleanor Farbar
Emil William Bentzien	Walter Irving Firey
Robert Lambert Borchert	Manuel Directo Foronda
Ethel Louvier Boren	Mabel Gray Foster
William Horrace Bradley	William Bernard Funk, Ph. G., M. D.
Wesley Edward Burnett, B. S.	Samuel Lee Gabby
William Thomas Carpenter, Ph. G., D. O.	Frank Nathan Gaggin, B. S., M. D.
Elizabeth D. Carroll	Marcelino Mendoza Gallardo
Henry Lewis Carruth	Daniel Edward Meany
Lee Winifred Cary	Julius Felix Meyer
Arthur A. Charbonneau	James Charles Gillespie
Earl George Clegg, LL. B.	George William Gindele
Joseph Samuel Cohn	William Francis Glasier
Francis Joseph Conroy	Leonard Henry Graner
Paul McAllister Currer	Arthur Francis Grove
Gervasio Santos Y. Cuyugan	Robert Scott Gregg, M. D.
Edward Felix Czeslawski, A. B.	William August Gross
Edna Valeria Dale	Russell Rulo Heim
John Franklin Davis	William Roy Hedrick
Daniel De La Paz	William Louis Hercik
Louis Belfair Derdiger, M. D.	Sarah Longworth Hosmon
August Frederick Doerann, M. D.	Gordon Henry Jackson
	Harris Ainsworth Jacobson

Milton D. W. Jeffs  
 Arthur Greene Johnson  
 Grover Erman Johnson  
 Alvin Thomas Jordan  
 Cecil J. Johnston  
 James Matthew Juvinall  
 John Matthew Kara  
 Jesse Earl King  
 Zanvill David Klopper, M. D.  
 Bartholomew Kunny  
 Ernest Haskell Kyle  
 Benjamin Franklin Largent, A. B.  
 John Calvin Law, M. D.  
 Ethel Mae Laybourne  
 Thomas Maurice McFarland Leahy  
 Albert Arthur LeBeau  
 Phillip Max LeBeau  
 Max Isaac Leviton  
 William Berry Lewis  
 Western Cass Loomis  
 Aaron Tomlin Lukins  
 Robert Childers McElvain  
 Charles Patrick McGarry  
 Helen O'Sullivan McGarry  
 Walter Caraway McKee  
 Thomas Garfield McLin, B. S.  
 Raymond William McNealy  
 Carmelo S. Reyes Y. Malabanan  
 George Elzear Maley, B. S.  
 William Charles Meacham  
 Richard Jasper Miller  
 Otis Andrew Moore, B. S.  
 Walter Dean Murfin  
 William Harry Nelson  
 Frank William Nickel  
 Dennis Michael O'Donnell  
 Florian George Ostrowski, A. B.  
 James Wight Packard

Frederick Charles Parker  
 Harry Archibald Pattison, M. D.  
 Albert Pearson  
 Thomas Arthur Pettepiece  
 Howard Herman Quafe, M. D., D. D. S.  
 Philip Graham Reedy  
 Homer Erastus Rich  
 John William Righeimer  
 Albert John Roemisch  
 John Clifford Rogers  
 William Thomas Rothwell  
 William Daniel Schafer  
 Clara Margaret Schunk  
 Sidney Borden Scott  
 William Thomas Sealey  
 William Joseph Siegler  
 Sidney Albert Smith  
 Paul Arthur Soelberg  
 Zeph Stanley  
 Charles Elmer Stevens  
 Amer Mills Stocking, A. M., M. D.  
 Frank Lee Stone  
 Guy Stone, M. D.  
 George J. Stubenrauch, Ph. G.  
 Howard Russell Sword  
 Lawrence Granger Sykes  
 Frank Thomas  
 Gordon Graham Thompson, B. S.  
 Mariano Tolentino  
 Sidney Newton Trockey  
 John Hubert Vallancy  
 John Marinelli Vitullo  
 Benjamin John Voigt  
 John Emmett Walsh  
 Richard Friedrich Weissbreuner  
 Edward William White  
 William Hansford Wilson

### THE COLLEGE OF DENTISTRY.

#### THE DEGREE OF DOCTOR OF DENTAL SURGERY.

Conferred June 2, 1910, in Chicago.

William Hayword Andrews  
 Benjamin Isidore Berlin  
 Alonzo Strother Brock  
 Alexander Cecil Browne  
 William P. Coughlan  
 Rufus S. Farrier  
 Hugh Alfred Larkin  
 Lloyd Warner Latham  
 Victor Lawrence Lee  
 James Anthony McNulty  
 Marie Meadow

Horace Edmund Metzner  
 Mervil Lloyd Moomey  
 Emil Ludwig Nordeen  
 James Anthony O'Hara  
 Albert Max Rotzoll  
 Samuel Irwin Russakov  
 Harry Burns Shafer  
 Frank James Smith  
 Walter Leonard Taft  
 George Henry Vann

The board adjourned.

W. L. PILLSBURY,  
*Secretary.*

W. L. ABBOTT,  
*President.*