

\$300. appropriated for Physiology & Pharmacology

b. Physiology & Pharmacology requests \$300.00.

It was voted to allow an amount of \$300. for this department, amount to be taken from the Contingent Fund.

Request for \$6000 for Kellogg Farm ref. to Adv. Com. Pres. & Sec.

c. Additional apportionment for Kellogg Farm. Budget \$6,000 short of estimated receipts.

It was voted to refer the above item to the Advisory Committee, the President and the Secretary with power to act.

\$500 allowed for Institutional Mgt.

d. Institutional Administration requests \$500.00.

It was voted to allow an amount of \$500.00, amount to be taken from the Contingent fund.

\$1000 allowed for Health Service

e. Health Service requests \$1500.00.

It was voted to allow an amount of \$1000.00,- same to be taken from the Contingent fund,

Depletion of Pub. & Journ. budget ref. to Adm. Group, Adv. ", Pres & Sec.

f. Publications and Journalism (dependent upon publications they are asked to publish before July 1st) Budget now entirely depleted.

It was voted to refer this matter to the Administrative Group, the Advisory Group, the President and the Secretary.

\$1000 allowed Music Dept. for financing H.S. Music contests.

3. Appropriation of \$1,000 fund for use of the Music Department in financing High School Music Contests.

It was voted to allow an amount of \$1000, amount to be taken from the Contingent Fund.

On motion of Mr. McColl, it was voted that the recommendations of the Finance Committee be approved.

The meeting adjourned at 2:15.

*R. S. Shaw*  
President  
*H. S. Halladay*  
Secretary

Minutes of the  
Meeting of the State Board of Agriculture  
June 13, 1931

Present: Messrs. Berkey, Brody, McColl, McPherson, Mrs. Stockman, Mr. Watkins, President Shaw and Secretary Halladay.

Absent: Superintendent Pearce

The minutes of the previous meeting were approved, having been in the hands of the Board members.

The meeting was called to order at 9:45.

Appointments

APPOINTMENTS

1. Ralph L. Helm, County Agricultural Agent in Calhoun County, effective June 1, at a salary of \$3,000, \$1800 of which is to be paid from Federal Smith-Lever funds. Mr. Helm will replace Mr. Leon H. Robbins, who will resign on May 31.
2. Employment of Mr. J. A. Merritt temporarily for a period of two or three months for special work at the rate of \$150.00 per month payable from the funds of Entomological Section of the Experiment Station.
3. Employment of Mr. Phillip S. Chen as a special assistant in the Soils Station, from July 1 to September 15 at a salary of \$140.00 per month, payable from the regular Experiment Station allotment to the soils section.
4. Graduate Assistants as follows:

Department of Home Economics  
Miss Patricia Nordholm, assistant in the Nursery School to succeed herself.

Department of Chemistry  
Miss Mabel Florey Wilson  
Roger Clark Dawes, replacing Miss Frances Lamb and Adam Schuch

Department of Horticulture  
Mr. George F. Gray, half time Graduate Assistant to succeed himself.

5. Employment of Miss Evelyn Trepanier, as stenographer at the Extension Office at Marquette at \$85.00 per month, from Extension Offset funds, replacing Miss Sara June, resigned, effective May 31.

On motion of Mr. McColl, it was voted to approve the above appointments.

#### RESIGNATIONS

1. Resignation of Mr. L. G. Sherman as Chief Engineer of the Power Plant, effective on or before July 1, 1931. Resignations
2. Resignation of Miss Charlotte F. Yates as library assistant in charge of periodicals to take effect September 1, 1931.

On motion of Mr. Brody, it was voted to accept the above resignations.

#### REPORT ON LEAVES

1. Report of President Shaw on authorization of leave of absence for Miss Edith Butler for the academic year 1931-32 without pay. This matter was referred to the President with power to act at the May meeting of the Board. Lv. of absence Edith Butler
2. Miss Frieda Gilmore, to attend the Summer School at the University of Chicago, June 22 to August 1. This will extend her vacation period by two weeks, her pay to continue during the period of absence, one month of which shall be her regular vacation. Lv. Frieda Gilmore

On motion of Mr. Brody, it was voted to approve the above leave and the President's report in item #1.

#### TRAVEL REQUESTS

1. R. E. Horwood, Extension Specialist in Dairying in the U. P. and Mr. D. L. Clanahan, Extension Specialist in Crops, to accompany some fifty or sixty dairymen on the annual dairy tour into Wisconsin during the last of June, with meals and lodging paid from Extension funds. Travel
2. Equivalent of R.R. fare and pullman from Lansing to Kansas City and return for one person be allowed toward the expenses of a car to provide transportation of party from Department of Animal Pathology to American Veterinary Medical Association meeting in Kansas City, August 25th to 28th.
3. Dr. C. E. Millar to arrange for several members of the Soils Section to visit the soil fertility conference to be held at State College, Penn. June 24th to 26th with mileage on one car paid from Experiment Station travel allotment. Board and lodging to be paid by those taking the trip.
4. A. B. Love, to attend the American Institute of Cooperation at Manhattan, Kansas, June 6th to 13th, with fare and one-half and pullman expenses amounting to \$36.61, charged to account of the Office of the Dean of Agriculture. Dr. Patton's Department of Economics funds are exhausted.
5. Request from Director Baldwin that two Extension workers engaged in 4-H Club work accompany the Michigan 4-H Club delegation to the Fifth National 4-H Camp at Washington, D.C. June 16th to 23rd. The delegates will be Mr. A. G. Kettunen and Mrs. Harriet Shaver. Director Baldwin recommends that all expenses be paid from Extension account.

Report on travel requests granted by President Shaw as follows:

1. Mr. James B. Hasselman, trip to Columbus, Ohio, June 6th to 10th, with all expenses paid, to represent this Institution and deliver a paper before a meeting of the National Radio Institute.
2. Dean H. B. Dirks, use of two cars for trip to Purdue University, June 17-19, to take six men to meeting of the Society for the Promotion of Engineering Education. Cost to be approximately \$35.00 per car.
3. One automobile mileage to be charged against the Mechanical Engineering Department for trip to Wisconsin meeting of the Oil and Gas Power Division of the American Society of Mechanical Engineers, June 23 to 26.
4. Dr. Hoffer's trip to Minneapolis on June 19th to National Conference of Social Workers and deliver paper, with railroad and pullman expenses paid.
5. Travel allowance for Dean H. B. Dirks for attending the meeting of the Society for the Promotion of Engineering Education at Purdue, University June 17-19.
6. Travel allowance for G. W. Hobbs, to attend the annual meetings of the Society of automotive engineers to be held at White Sulphur Springs, Virginia, June 15th - 19th.

On motion of Mr. Watkins, it was voted to approve all the above travel requests.

#### REPORTS

1. Approval of report of the meeting of the Advisory Committee of the State Board of Agriculture, June 2, 1931, as follows:

Present: President Shaw, Secretary Halladay, Mr. McPherson, Mr. Brody, Mr. McColl and Mrs. Stockman.

Authorization for Dr. Dye to offer appt. to Dr. Florence McLeod.  
Appt. Hiller  
"Kilpatrick  
Appts. Graduate Assistants

Appt. Newton E. Chute  
Appt. Cecil H. Nickle.

Travel

\$2000 to be transferred from Creamery fund to Dairy Husb. fund.

Dean Giltner requests add. \$600. to meet May & June labor pay-rolls.

Request for additional \$6000 for Kellogg Farm budget.

APPOINTMENTS

1. Authorization for Dr. Dye to offer an Associate Professorship in Nutrition to Dr. Florence McLeod at a salary of \$3200; \$1000 of this to be paid from Purnell funds.
2. Discontinuance of the graduate assistantship in foods.
3. Miss Veda Ellen Hiller to succeed Miss Margaret Nunn as research assistant in Home Economics.
4. Miss Anne Kilpatrick to succeed Miss Jennie Fisher as research assistant in Home Economics.
5. Following appointments as Graduate Assistants:

Department of Bacteriology  
Charles Grey )  
J. W. Scales ) to succeed themselves  
Claude Bryan )

Ogden Frazelle Edwards - to succeed Frank Gallo

Department of Botany  
Edwin Y. Monsma - to succeed Constantine A. Apostolides  
Cecil W. Frutchey )  
Willard E. Mooar -)to succeed themselves

Note:- Frank Gallo's graduate assistantship ceases by attainment of the M.S. Degree and that of C. A. Apostolides by resignation to take effect July 1. Their names should be removed from the payroll on that date.

6. Mr. Newton E. Chute as instructor in Geology, at a salary of \$1800 per year, to take the place of Mr. Virgil Sleight who was appointed and could not accept.
7. Mr. Cecil H. Nickle, instructor in Speech, replacing Mr. Rex B. Wilkes who is resigning. Mr. Nickle to receive a salary of \$2200.00.

It was voted to approve the above appointments.

TRAVEL REQUESTS

1. Mileage of one automobile for Professor Rather or other member of the staff of the Farm Crops Department for trip to Lafayette, Indiana, June 22 and 23, to attend the Corn Belt Section of the American Society of Agronomy summer meeting. It is understood that several members of the department will make the trip if mileage on one car is allowed. The expense will be approximately \$30.00.
2. Mr. R. V. Gunn, Economics Department, to attend the American Institute of Cooperation at Manhattan, Kansas, June 8 to 13, with fare and one-half and pullman expenses, amounting to \$56.61, paid from Extension funds.
3. Professor H. H. Musselman to attend the American Society of Agricultural Engineers' meeting at Ames, Iowa, June 22 to 25, with automobile mileage paid from Experiment Station funds with the understanding that he take one or two other members of the department, who will benefit by this trip.

It was voted to approve the above requests for travel.

BUDGET TRANSFERS

1. Request from Professor E. L. Anthony of the Dairy Department that excess receipts of the Dairy Department, approximating \$5000 be apportioned to the Dairy Department to put the current expense fund of the Dairy Department in shape to close the fiscal year on July 1 without overdraft.

It was voted that \$2000 be transferred from Creamery fund to the Dairy Husbandry Department fund.

2. Request from Dean Giltner for \$600.00 additional money for current expenses to meet May and June labor payrolls.

It was voted to refer the above request to Mr. Wilkins in order that he may obtain a detailed classification of expenses and necessary needs for the balance of the year.

On motion of Mr. Brody, it was voted to approve the report of the Advisory Committee.

REPORT OF THE BUDGET COMMITTEE

1. Additional apportionment for Kellogg Farm Budget which is \$6,000 short of estimated receipts. Referred to Advisory Committee, Pres. and Secretary.

No report.

2. The budget of the Department of Publications and Journalism was drawn upon to finance the following items which were not included in the original set up of the budget:

To R. J. McCarthy for work on annual reports of  
President and Secretary. . . . . 10 mos. \$200.00. . . . . \$2000.

To purchase of Wolverine authorized by Board to relieve Wolverine deficit. . . . . 400.  
Deficit in budget on June 1 . . . . \$341.44

There will be an approximate expenditure  
between now and July 1st for publications  
already authorized. . . . . 250.00

There will be a labor payroll of approximately. . . 180.00

Amt. needed for balance of year approximately. . . \$771.44

On motion of Mr. Brody, it was voted to transfer the above amount of \$771.44 from the Contingent Fund to the Department of Publications and Journalism.

Report from Dean Dye, President Shaw and Secretary Halladay on Kellogg Foundation Health Unit.

No report.

#### REPORT OF BUILDING COMMITTEE - Meeting held June 2, 1931

Present: Messrs. Brody, McColl, Secretary Halladay.

1. Request from the Poultry Department for electric refrigeration for Poultry Plant on South Harrison at an estimated cost of \$567.25.

It was voted that this request be granted with the recommendation that Professor Card secure competitive bids and get the best price possible.

2. Request from Soils Department for the construction of a Soils Service Shed, estimated cost \$450.00.

It was voted to approve the above request, and to ask Dr. Millar to submit a rough sketch of the plans for the construction of the Soils Service Shed.

3. Request from Mr. Hudson to move scales from Chemistry to Blacksmith Shop,- estimated cost \$310.00.

It was voted to approve the above request.

4. Request for moving the Old Hort Tool Shed, estimated cost \$420.00.

It was voted to approve the above request.

The Board reconsidered the above action of the Building Committee and voted to rescind this action to move the Old Hort Tool Shed and voted to build a new one at an approximate cost of \$1000.

On motion of Mr. McColl, it was voted to approve the above recommendations of the Building Committee and to approve the board vote in item #4.

The following items were referred back to the Board for action:

5. Request for building dispensing window in brick wall at the Gymnasium at an estimated cost of \$130.00.

6. Request from the Athletic Council that the stadium seats and fence be painted during the summer. Estimated cost \$800 - \$1000.

7. Request for utilization of present fund of \$24,000 (Creamery fund of our Dairy Department) in adding another story to the Dairy Building and modernizing equipment and facilities with fund in excess of needs during the coming year. Also plan to place at least \$20,000 of the present Creamery fund now held in reserve on safety deposit so that the usual four per cent increase could be credited to this fund.

It was voted to refer item 7 to the Finance Committee.

8. Request from Colonel Rodney to build a tool room in Demonstration Hall,- estimated cost \$160.

9. Report from Hartford Steam Boiler Insp. & Ins. Co. regarding repairs done on Wickes Boiler #5 after tubes were damaged from low water conditions.

10. Recommendation from Colonel Rodney regarding changes and improvements to the Demonstration Hall. Estimated cost \$812.00

11. Request from Mr. Hudson regarding changes in the new horse barn.

12. Recommendation from Dr. Bessey suggesting changes in the Botany Building. Estimated cost \$400.00.

\$771.44  
allowed the  
Publications  
Dept.

Request for  
electric re-  
frigeration  
for Poultry  
Plant.

Request for  
Soils Service  
Shed

Request to  
move scales  
from Chem. to  
Blacksmith  
Shop.

New Hort.  
Tool Shed.

Request for  
building dis-  
pensing window  
at Gym  
Request that  
Stadium fence  
& seats be  
painted.

Request for  
modernizing  
Dairy Bldg.  
& request to  
place \$20,000  
on safety  
deposit.

Request for  
tool room in  
Demon. Hall.

Report from  
Hartford Steam  
Boiler Co.  
Request for  
improvements  
in Dem. Hall.  
Changes in  
horse barn.

Recomm. for  
changes in  
Botany Bldg.



342  
Request that  
hallways of  
Anat. Bldg.  
be cleared

13. Request that the hallways of the New Anatomy Building be cleared.

Drainage

14. Request from Dean Cox and Mr. Hudson regarding drainage program involving certain areas of the college farm.

Incinerator  
conditions in  
Vet Bldg.  
Mechanical  
conditions  
of Wells Hall

15. Report on incinerator condition in Old Veterinary Building and proposal for one at the New Anatomy Building.

16. Report on mechanical conditions of Wells Hall.

On motion of Mr. Brody, it was voted to refer the above items from 5 to 16, except item #7, to the Building Committee for further study and for definite recommendation to the Board.

\$1000 approp.  
for repairs  
to Vet. Bldg.

17. Request that \$1000 be appropriated for repairs to the Veterinary Building.

On motion of Mr. Brody, it was voted to appropriate \$1000 for repairs to the Veterinary Building, amount to be taken from the special building appropriation.

#### ITEMS FROM SECRETARY'S OFFICE

Release of  
right of way  
on M-55

1. Communication from State Highway Department asking for release of right of way covering a width of 100 ft. along M-55, across property owned by the State Board of Agriculture.

On motion of Mr. Brody, it was voted to approve the release of the right of way with the understanding that the Secretary will arrange for being reimbursed for any extraordinary expenses and that the President and Secretary be authorized to sign the release.

Accident cases

Saleska

2. Report on accident case of G. H. Saleska, plumber, amount \$5.85.

Curtis

Report on accident case of Lawrence Curtis, plumber, amount \$2.25.

Faustman

Report on accident case of F. Faustman, laborer, amount \$18.45.

On motion of Mr. Brody, it was voted to approve the payments on the above accident cases.

Request for  
Ford Truck  
Farm & Horse  
Request for  
truck for Dun-  
bar For. Exp.  
station.

3. Request for Ford Truck for Farm & Horse Department. Exchange. Approximate value of the old car - \$125.

4. Request for Ford Truck for Dunbar Forest Experiment Station. Estimated cost \$632.65.

5. Request for bone extractor for Experiment Station. Estimated Cost - \$180.00.

On motion of Mr. Brody, it was voted to refer items 3, 4, and 5 to the Finance Committee.

Bids on Soils  
Service Shed

6. The following bids were received on the construction of the Soils Service Shed:

Christman Company \$490.00

Reniger Const. Co. 422.00

Bldgs. & Gds. 450.00

On motion of Mr. McColl, it was voted that the Board let the contract for the Soils Service Shed to the Reniger Construction Company for an amount of \$422.00.

#### FINANCE COMMITTEE ITEMS

\$5000 trans-  
ferred from re-  
serve to Con-  
tingent.

1. Amount of \$5,000 to be transferred from the Reserve Fund to the Contingent Fund.

On motion of Mr. McPherson, it was voted to transfer an amount of \$5,000 from the reserve fund to the Contingent Fund.

Balances in de-  
partment bud-  
gets at end  
of fiscal yr.  
to be trans.  
to gen. fund.

2. Balances left in department budgets at the end of the fiscal year to be transferred to the general fund.

On motion of Mr. McPherson, it was voted that the balances left in department budgets at the end of the year be transferred to the general fund.

Transfer of  
funds in re-  
serve in Ext.  
St. salary  
trans. to  
other ext. pro-  
jects.

3. The item mentioned before in these minutes in regard to the transfer of funds in reserve in the Extension State salary fund, to certain extension projects which are overdrawing their maintenance allowance was presented to the Finance Committee at this meeting.

On motion of Mr. McPherson, it was voted to approve the above item as requested.

#### MISCELLANEOUS

Patent of Dr.  
Huston & H.D.  
Lightbody re-  
corded.

1. Report of assignment of Ralph C. Huston and Howard D. Lightbody to the State Board of Agriculture of the State of Michigan of an entirety interest in their certain invention covering improvements in "Process of Preserving Food Accessories" covered by pending U.S. patent application bearing serial number 425070 and which instrument was duly recorded in the U.S. Patent Office under date of May 6, 1931.

On motion of Mr. Brody, it was voted to accept the above report.

2. Transfer of funds in reserve in the Extension State salary fund, to certain extension projects which are overdrawing their maintenance allowance.

Request that  
unexpended  
Extension  
funds be  
carried over

3. Request from Dean Cox and Director Baldwin that unexpended Extension funds available at the end of this year be carried over as a credit fund for the fiscal year beginning July 1, 1931.

On motion of Mr. McColl, it was voted to refer the items 2 and 3 to the Finance Committee with power to act.

4. Report of President Shaw on recommendation that Dr. Hunt's account be credited with \$59.00 to cover purchase of Norway Spruce transplants to be used on Williamston project. These were purchased from the Zoology Department funds. The matter was referred to President Shaw by the Finance Committee at a previous meeting for his recommendation.
5. Letter of appreciation and thanks from John J. Lee, Department of Public Instruction, Division of Rehabilitation.
6. Letter of thanks from student, Philip S. Palmer for replacement of band instrument.

On motion of Mr. McPherson, it was voted to approve items 4, 5, and 6.

7. Recommendation from Dean Cox that the Boarding House used by teachers at the Kellogg Agricultural School be deeded to the school board of the Kellogg Agricultural School so that permanent upkeep will be in their hands as our use of this building is minor. In turn they will agree to enter into an arrangement to furnish this building for summer use at proper charges to the M.S.C. and also to provide facilities of the W.K. Kellogg Agricultural School for such summer use as this Institution may desire. Facilities at the school at present are inadequate for the number of people enrolled.

On motion of Mr. Brody, it was voted to refer the above item to the Kellogg Farm Committee to investigate and report back to the Board.

8. Acceptance of 220 acres purchased by Mr. Kellogg for reforestation, with the object of presentation to Michigan State College as part of the Farm and Sanctuary project, the college forestry department to plan the plantings.

On motion of Mr. Brody, it was voted to refer the above item to the Kellogg Farm Committee to investigate and report back to the Board.

9. Establishment of policy concerning the payment of board in case of teachers employed in off-campus projects.

On motion of Mr. Berkey, it was voted that maintenance be not allowed in the case of Summer School Staff who are receiving additional pay for their services.

10. Report on 40 acres of land near Potato Farm offered to the College for sale.

Mr. McPherson reported that he had inspected the 40 acres offered to the College adjacent to the Potato Farm, and it appears to be desirable for the College to acquire same, providing the price is reasonable, and because it furnishes access from trunk line 55 to 66 from the rear of the farm to the Potato Farm.

On motion of Mr. McPherson, it was voted that the Secretary be authorized to communicate with the owners regarding price.

11. Authorization for granting of degrees to such candidates as complete the requirements of their respective courses by the close of this term.

On motion of Mr. McPherson, it was voted to approve the list of candidates for degrees as follows:

#### Division of Agriculture

Degree: Bachelor of Science

a, Agriculture; f, Forestry; l, Landscape Architecture

\*With Honor

\*\*With High Honor

\*LeRoy Bell, a  
Stanley Teter Blair, f  
Lon Bolster, a  
\*\*Evelyn Rose Bradley, a  
Wilfred Robert Browell, l  
Lauren Hiram Brown, a  
Melville Edward Bullach, f  
Harold Udell Burgess, a  
William Cargo, a  
Robert H. Carruthers, a  
\*\*John Henry Carroll, a  
Russell Richards Clark, a  
\*\*Kendal A. Coats, a  
Howard Jay Collins, f  
Ray A. Connolly, a  
\*Howard Charles Cook, f  
Harold Russell Coon, a  
Edwin Robert Cook, f  
Charles Jennings Davis, a  
Leonard Reynolds Dowd, a  
Donald George Ebinger, a  
Gordon Finlay Evans, l  
Howard James Finley, a  
Ben Holdridge Forbes, l

\*\* Gordon Dean Fox, f  
Henry Champion Gleason, a  
Gordon J. Gray, f  
Glenn Case Gregg, l  
Albert Abner Griffith, a  
Elmer Philip Habel, a  
Edward Reuben Hancock, a  
Burrell Edwin Henry, a  
Rudolph John Hill, f  
Orville Brackette Howell, a  
\*\*Morris Abe Huberman, f  
Robert Millard Hunt, a  
Thomas Norman Hurd, a  
Charles William Irrgang, a  
Robert Ellsworth Jewell, a  
Stafford Stephen Johnson, l  
Robbins Frank Kendall, a  
Keith Wellington King, a  
Harold Carl Knoblauch, a  
Robert Judson Laser, a  
Milton John Lessiter, a  
Robert Sharpe Lincoln, a  
Ralph Edmond Loomis, a  
Milford Edward Martin, l

William Edwin Millard, f  
William Penn Mott, l  
Ernest Richard Mueller, a  
Eino Adolph Neimitalo, f  
Stanley M. Oswalt, l  
Clarence Clyde Palmer, l  
Howard Delos Parish, a  
George Edward Parsons, a  
Clarence Edward Prentice, a  
Herbert John Rath, a  
Robert Wesley Ries, f  
Thomas Earl Roberts, f  
George Benjamin Robinson, a  
George Franklin Seeley, l  
Dean Clifton Shackelford, f  
Carl Augustus Bauer Smith, l  
Frederick Linton Smith, a  
Lawrence Edward Smith, l  
Rowland McCotter Snook, a  
Benjamin Joseph Sovey, a  
Robert Otis Sowash, f  
Dorr Edwin Stack, a  
Carl Leonard Strong, a  
Sidney Benjamin Thomas, a

Gilbert Henry Timm, a  
Richard S. Tompkins, a  
Arthur Heizer Turner, l  
James Dwight Vincent, a

Karl Augustus VonVoigtlander, f  
Russell S. Wait, a  
Abraham Cowles Wheeler, a  
Edwin Royce Yeomans, a

Zoology to be credited with \$59.00.

Letter of thanks from Palmer

Kellogg Farm Com. to investigate advisability of deeding Boarding House at Kell. Farm to Kell. Agr. School.

Kellogg Reforestation referred to Kellogg Farm Com.

Policy re: payment of board for teachers in off-campus projects.

Report on 40 acres of land near Potato Farm offered to College for sale.

Degrees

Division of Engineering

Degree: Bachelor of Science

m, Mechanical; c, Civil; e, Electrical; Ch, Chemical

Ransom Orson Abel, c  
 Henry Leonard Abrahamse, e  
 Lyle Ackley, c  
 Philip Herbert Anderson, c  
 Reynold George Anschutz, m  
 Lloyd LaVern Arnold, c  
 Lloyd Ernest Ashe, m  
 Warren Hooper Atkinson, ch  
 \*\*Howard Edward Balbach, m  
 Theophil Clarence Banhagel, c  
 Howard Luman Bentley, ch  
 Howard James Berkel, c  
 Willard Carlton Betteridge, ch  
 James Howard Bingham, m  
 Robert Moffit Branch, c  
 Francis Alexander Bray, c  
 Percy Byron Brown, c  
 Aaron Russell Button, m  
 Douglas Charles Carruthers, m  
 George Arthur Chamberlain, Jr., m  
 Richard Hewitt Chaney, m  
 Joseph James Clark, e  
 William Dana Colegrove, e  
 Clyde Haro Coster, c  
 Horace Victor Crandall, e  
 Roger Clark Dawes, ch  
 \*Robert Wiswell Dearing, e  
 Clifford Imerson Denton, c  
 Raymond Virgil Deo, m  
 Robert Edward Distel, m  
 Ralph Ederer, e  
 \*William Bradford Edwards, c  
 Gilbert John Extale, ch  
 Howard Willard Field, e

Leslie Stuart Ford, e  
 Paul Edward Garn, e  
 \*\*Walter Worthley Goodhue, e  
 George Augustus Granger, c  
 Robert Guthrie, m  
 Lewis Boynton Haigh, m  
 Frank Harbin, Jr., e  
 Theron Radcliffe Hardin, e  
 Amos James Hawkins, c  
 George Arthur Hirshman, c  
 George Thomas Hittel, e  
 Raymond Earl Hohisel, m  
 Edward Henry Holtzkemper, m  
 Marvin R. Horne, m  
 Paul C. Jackson, m  
 Arthur James Jennings, c  
 \*\*Duane Ellsworth Jones, c  
 Nelson Cornell Jones, c  
 Loren Wicklyffe Kelner, c  
 John Wells Knight, e  
 James Antranig Krimian, ch  
 \*\*Albert George Verner Kulberg, m  
 \*\*Sherman Armedas Lauzun, m  
 Harley Fremont Lawhead, c  
 Kenneth Hamill Lee, e  
 John F. LesVeaux, ch  
 Omar Edward MacNutt, c  
 Robert Erwin MacVay, c  
 Robert Bailey McCall, e  
 \*\*Kenneth Royden Mack, e  
 James McCormick Malone, m  
 Russell Elliott Marsh, e  
 Peter Cornelis Mendels, ch  
 Howard Gerick Minier, c

Francis Elmo Norgard, e  
 Dale Russell Norris, e  
 Robert Carl Olsen, ch  
 Theron Dow Parker, ch  
 Russell Wallace Peterson, c  
 Howard Charles Pierce, m  
 Claude Harry Pope, m  
 \*Edward Mathias Powers, ch  
 Donald Hyde Reece, m  
 Harold Wesley Rinn, ch  
 Aldro Martin Rouse, c  
 Bernard Hastie Schimmel, m  
 Edward Charles Schneider, c  
 John Wylie Seaton, e  
 Donald Way Shull, m  
 \*Russell Douglas Sias, c  
 Edward Frank Siefert, e  
 Major A. Siegel, m  
 \*\*Williams Morden Smith, e  
 Kilbourn Halsted Snow, e  
 Elbin John Strom, c  
 George Edward Strom, c  
 Louis Francis Switzgable, e  
 Robert Lincoln Titus, ch  
 Seymour Eugene Voorhees, m  
 Herbert T. Walworth, ch  
 Alfred J. Wangeman, e  
 Arthur Augustus Weinland, ch  
 Edward R. Weston, e  
 Henry Clarence Winte, m  
 Howard Scott Witmer, e  
 \*\*Clem Alson Woodard, e  
 Earl Edward Woodliff, m  
 \*\*Lenord Bateman Yarger, c

Conrad Frederick Zimmerman, c

Division of Home Economics

Degree: Bachelor of Science

Annita Genevieve Anderson  
 Ruby Carol Anderson  
 Wilma Gertrude Baker  
 Helen Bale  
 \*Dorothy Martin Barrett  
 Gertrude Irene Bingham  
 Caroline Bray  
 Dorothy Alice Brown  
 Loretta Verna Brunsdon  
 Adeline Carlotta Carscallen  
 Geraldine Catherine Case  
 Harriett Elizabeth Case  
 Margaret Ruth Colby  
 \*Eleahor May Cramer  
 Geraldine Margaret Crandell  
 Marion Georgia David  
 Genevieve Robina Davis  
 Ruth Martha DeKleine  
 Barbara Ruth Dell  
 Ruth Goldy Diller

Genevieve Faye Wylie

Margaret Bishop Doughty  
 Ruth Margaret Downer  
 Madeline Kathryn Dulso  
 Margaret Anne Feige  
 Lola Elice Foster  
 Laura Edith Gerlash  
 Margaret Christine Goodenow  
 Martha Jeanette Grantham  
 Sylvia Mona Hartt  
 Josephine Frances Haybarker  
 \*\*Eleanor Irene Hoover  
 Bernice Mildred Irwin  
 Wilma Graham Kinney  
 \*Pauline Knight  
 Betty Krause  
 Leila Pearl Lattin  
 Eleanor Mae Leader  
 \*Marylouise Lipka  
 Marian Ardra McDonagh  
 Mary Jane Madigan

Bernadine Grace Young

Helen Louise Mechlin  
 Coral Isobel Moran  
 \*\*Gertrude Amelia Noeske  
 Novia Osgood  
 Margaret Mary Patterson  
 Emmaline Agnes Rademaker  
 Gladys Josephine Rivers  
 Susan Margaret Ryan  
 Dorothy Bernardine Scavarda  
 Lucile Schnackenberg  
 Bernice Cecilia Sexton  
 Georgia Sheldrick  
 Frances Myrla Sisson  
 Mable E. Snow  
 Beryl Martha Stark  
 Zeta Mable Thomas  
 \*\*Alice Cutler Thorpe  
 Peggy Belle Trott  
 Margaret Decuma Watkins  
 Dora Esther Worden

DIVISION OF APPLIED SCIENCE

Degree: Bachelor of Science

Alex Asterios Andrews  
 George Taylor Bauer  
 Lauren Pringle Brown  
 Harold Horace Buskirk  
 \*Harold Arthur Clark  
 Herbert Eugene Conant  
 Henry Dale Cook  
 Victor Faye Dargitz  
 Elmer Smith Davis  
 Robert Charles Dosser  
 Maclin Phillip Douglas  
 \*\*Ogden Frazelle Edwards  
 Carl Gustaph Erickson  
 John Lincoln Etchells

Harold Bethuel Evans  
 Bruce Lee Fayerweathers  
 \*Ellis Robert Fehlberg  
 Percy Hayes Fitzpatrick  
 Ruth Eckardt Gilbert  
 \*Herbert Taylor Graham  
 Earl Ellsworth Hamilton  
 \*George Beal Heusted  
 Lucius Edward Howlett  
 Joseph Lafayette Joachim  
 Virginia Harriet Kline  
 Amos Temore Knutson  
 Henry Godlieb Kowalk  
 Jacey Henry Leach

Frederick Edwin Ludwig  
 \*\*Luther Herbert Lyndrup  
 \*\*Byron Orville Mate  
 Harold Everett Mayne  
 George Murox  
 Florence Elizabeth Nugent  
 Pearl Norreen Perrin  
 David Austin Salmon  
 Vincent Everett Shulnburg  
 William Aldrich Simanton  
 \*\*Margaret Stevenson  
 \*\*Reinhold Frederick Stuewer  
 Maurice Burton Williams  
 Stuart Vaughan Wilsey

## Degree: Bachelor of Science

Beryl Emeline Abbey  
Annie Laura Becker  
Gerald Breen  
Howard Karl Clark  
Max Burton Crall

Henry DeHaan  
Maurice J. Dixon  
Lynn Irving Erratt  
John Herbert Langdon  
Dorothy Louise Leith

Jack Warrington Ruhl  
Ray Charles Schaubel  
Jean Whiteley  
Zoe Adene Winans  
Kenneth Wayne Yarger

Division of Liberal Arts

## Degree: Bachelor of Arts

Hanley Wilfred Albig  
Bessie Ellen Auchampaugh  
Laura Marianne Banasiak  
Lawrence Earl Bates  
Venabelle Bennett  
Cecelia Barbara Bleicher  
Grace Margaret Cardwell  
Dorothy Mae Chinnick  
Thelma Jeannette Cole  
\*\*Edward Howard Come  
Grace Elizabeth Connor  
Teresa Olin Cooper  
\*Burton Andrew Dole  
\*\*Martha Frances Farley  
Rachel Fuller Faucett  
Walter Lynn Fauver  
\*\*Paul Richard Flaker  
Theodore Donald Foster  
Ethel Louise Fox  
Ruth Janet Fox  
John Alex Francis  
Thomas Garland  
John Maxwell Gould  
\*\*Edward Robert Alexander Green  
Maurice Leon Greer  
Josephine Marvin Griggs  
Alice Ely Hale

Virginia Lottie Harper  
James Stephen Haskins  
Catherine Marguerite Hawley  
Carol Phyllis Henderson  
Mary Adeline Hewett  
Dorothy Hinds  
\*\*Nellie Mildred Holmes  
Elizabeth Keeler  
\*\*Norma Vhay Keeler  
\*William Berry Kershaw  
Isabel Gertrude King  
John Joseph Korney  
Thomas George Kronberg  
Margaret Eunice Lane  
Rolland LaVerne Lietzke  
Herbert Carl List  
Herman Carl List  
Mary Katherine Lynch  
Albert McKinley McCabe  
Ethel Lucy McCabe  
Hettie Isabel McIntyre  
\*\*Margaret Elizabeth Marshall  
William Joseph Frederick Meyer  
Husted Smith Parker  
Eileen Elizabeth Paterson  
Fraser Clan Paterson  
Nandino Ferdinand Perlongo

Mabel E. Pomfret  
\*\*Doris T. Posthumus  
Walter Colburn Potter  
Florine Sylvia Redfield  
Clair Hartwell Ricket  
Charles LaVerne Roberts  
\*\*Guilford Hal Rothfuss  
Robert Keith Russell  
Katharine Caroline Schreiber  
Phyllis Ruth Shassberger  
Maryon Shimonek  
Magdalena Anna Steensma  
Margaret Edith Stephens  
Carl Mathews Stinson  
Ruth Mathilda Stockel  
Claude Richard Streb  
Maurice John Tallefson  
Wilber Keith Taylor  
Edward Cornwell Totten  
\*\*Janette Christine Trachsel  
Monna Janieta Tyrrell  
Elizabeth Catharina Uitslager  
MaryAnn Uptegrove  
Louise A. Uren  
Kenneth Byran Vaughan  
Dorothy Ada Vietor  
Bernard Joseph Vinkemulder  
\*Gaylord Armond Walker

Business Administration

Silas Howard Alliton  
\*Mable Varsenig Altoonjian  
Marjorie Satenig Altoonjian  
Lauretta Minona Atkinson  
\*Hubert Edmund Beeman  
Milton Mark Bergman  
Cornelius Blay  
Westman Nisle Blosser  
Milton Clayton Breitenwischer  
Lewis Edward Burroughs  
George Peter Bylsma  
Donald William Clark

James Blackmore Converse  
\*Alan Stuart Coss  
Edward Richard Crowley  
James Clifton Derr  
\*\*John Albert Dowmes  
Wilbur Deere Emmons  
Lee Edwin Fisher  
Cecil Clark Fogg  
Stanley Kendal Frisbie  
Earl Leslie Hart  
John Harvey  
Newton Charles Hubsburger  
Henry George Hutton

\*Clare Albert Jakeway  
Gerald Edward Lage  
Glenn Raymond Larke  
Harlow Barron Meno  
Robert K. Miller  
Don D. Moon  
Leonard Novara  
Robert Jahraus Randall  
Richard Willford Rogers  
Norman Robert Rossow  
LeRoy Hatheway Sample  
Horace Howard Stone  
Birge Carlton Swift

Russell Ernest Talmage  
Raymond Lewis VanKuiken  
George Raywalt Walton

Fay Arthur Whelan  
John Barnitz Wilson

Public School Music

Paul Jackson Grady  
Ellen Jane Larson

Sabina Mary French Handerson  
Lucille Olive Morris

\*\*Majel Loeta Horning

Music

Zilpha Annetta Lewis

Hotel Training

Curtis Marsena Beachum

Stanford Charles Ovatt

DIVISION OF VETERINARY MEDICINE

## Veterinary Medicine

## Degree: Doctor of Veterinary Medicine

Bernard Victor Alfredson  
James Horace Campbell

Leo Philip Doyle  
Ray Henry Fish  
Eugene Ernst Hamann

Stanley Martinkewz  
James Philip Torrey

## Medical Biology

Herbert Elwin Reed

\*\*Marian Grace Sprick



Master of Arts

|                                  |                   |                                 |           |
|----------------------------------|-------------------|---------------------------------|-----------|
| Guy Berry . . . . .              | Mathematics       | Bert J. Ford . . . . .          | Sociology |
| Pin Swan Chen . . . . .          | Sociology         | Alexander MacVittie . . . . .   | Sociology |
| Lawrence Duncan Childs . . . . . | Mathematics       | Karl Hanchett McDonel . . . . . | Economics |
| Ezra Laurence Cross . . . . .    | Economics         | Verne Allen Stockman . . . . .  | Sociology |
| Constance Newcomb Eck . . . . .  | Political Science |                                 |           |

Master of Science

Warren Hooper Atkinson . . . . . Chemistry  
 Warren Herbert Bliss . . . . . Electrical Engineering  
 Robert Bryan Carr . . . . . Farm Crops  
 Philip Stanley Chen . . . . . Chemistry  
 Harold Melvin D'Arcy . . . . . Chemistry  
 Frank Anthony Gallo . . . . . Bacteriology  
 Alcee Joseph Gelpi, Jr. . . . . Bacteriology  
 Carlos Morey Heath . . . . . Chemical Engineering  
 James Alfred Hutchinson . . . . . Chemistry  
 John Richard Knudsen . . . . . Bacteriology  
 Frances Willard Lamb . . . . . Chemistry  
 Leland Warner Lamb . . . . . Dairy Husbandry  
 William Day Larson . . . . . Chemistry  
 John Curtis McCan . . . . . Dairy Husbandry  
 Mack Machail Nasif . . . . . Chemistry  
 Margaret Joyce Nunn . . . . . Home Economics  
 Rena Klooster Potts . . . . . Home Economics  
 Ruth Evelyn Preston . . . . . Home Economics  
 Claude Harvey Reading . . . . . Animal Pathology  
 Richard Bell Saltonstall . . . . . Chemistry  
 Kenneth Black Sanders . . . . . Soils  
 James Webb Scales . . . . . Bacteriology  
 Adam Frank Schuch . . . . . Chemistry  
 Harold Melvin Sell . . . . . Chemistry  
 Grant Bingeman Snyder . . . . . Horticulture  
 Leo Roswell Stanley . . . . . Horticulture  
 Glenn Raymond Starcher . . . . . Horticulture  
 Mir Rasul Sultan . . . . . Horticulture  
 John Claire Swinehart . . . . . Dairy Husbandry and Animal Pathology  
 Charles Derwood Tuttle . . . . . Chemistry  
 Glen W. Warren . . . . . Chemistry  
 Donald Ephraim Wilcox . . . . . Dairy Husbandry  
 George Wallis Woodbury . . . . . Horticulture  
 Forrest Cleveland Word . . . . . Horticulture

Doctor of Philosophy

Charles Harold Mahoney . . . . . Horticulture  
 George Newton Motts . . . . . Horticulture  
 Benjamin Gaillard Sitton . . . . . Horticulture  
 Dana Gibson Sturkie . . . . . Botany  
 Perry Angevine Webber . . . . . Chemistry  
 Carroll Paton Wilsie . . . . . Farm Crops

Civil Engineer

|                        |                            |
|------------------------|----------------------------|
| Charles Homer Cash     | Earl John Reeder           |
| Leslie C. Davies       | D'Arcy Lionel Wernette     |
| Erwin Deuell Devereaux | Willfred Brewster Williams |
| Warren Edward DeYoung  |                            |

Electrical Engineer

|                            |                          |
|----------------------------|--------------------------|
| John Bernard Dakin         | Marshall George Houghton |
| Ingwald Halvorsen Gronseth | James Beaumes Menmuir    |

Mechanical Engineer

|                     |                        |
|---------------------|------------------------|
| Russell Artie Ammon | Carleton William Brown |
| Richard Boonstra    | Henry Jacob Schneider  |

HONORARY DEGREESDoctor of Science

Rufus Hiram Pettit

Civil Engineer

Theodore Osborn Williams

*R. S. Shaw*  
 President  
*W. H. Stapp*  
 Secretary