

GRADUATE SCHOOL
Executive Committee
March 9, 1928
874 Administration Bldg.
4: p.m.

Presiding: Dean G. S. Ford.

Present: Messrs. Coruner, Hunter, Jackson, Kops, Shippee, Riley.

Appointments to the teaching faculty were approved
as follows:

FULL MEMBERSHIP

Black, Albert G.	Instr.	Agri. Econ.
Burr, George O.	Asst. Prof.	Botany
Bush, John Nash Douglas	Asst. Prof.	English
Cole, Wallace H.	Asst. Prof.	Orth. Surg.
Heidbreder, Dr. Edna	Asst. Prof.	Psychol.
Kunn, Harold F.	Assoc. Prof.	Pol. Sc.
Olson, Willard Clifford	Asst. Prof.	Educ. Psych.
Ringoen, Adolph R.	Asst. Prof.	Zoology.
Tinker, Miles A.	Asst. Prof.	Psychol.
Willey, Malcolm W.	Assoc. Prof.	Sociol.
Zimmerman, Carl E.	Asst. Prof.	Sociol.

COURSE WORK ONLY

Holt, Budd A.	Instr.	Agri. Econ.
Mills, Lennox	Lecturer	Pol. Sc.
Rose, Ella J.	Asst. Prof.	Home Econ.
Working, Elmer J.	Assoc. Prof.	Agri. Econ.

In connection with the cases of John Glynn Williams and of Stanley Garthside the question was raised of reduction of the three quarters residence requirement for the master's degree since these men held Commonwealth fellowships and it was regarded by their sponsors as desirable that they should have experience in more than one school. It was the consensus of opinion that these cases differed in no essential way from those of many who were making similar requests for reduction of this requirement, and that any such reduction could not be allowed.

It appeared that in the case of Stanley Garthside the residence requirement had actually, if not technically, been met since he had spent the summer of 1927 on special work under the direction of Dr. Graham. It was voted that recording of this work be approved.

A petition from Louise G. Frary asking an extension time for publication of her Ph. D. thesis was presented. An extension to October 1st, 1928, was voted.

The Dean reported that in the cases of Fred C. Fre Otis D. Duncan, referred to him with power by the meeting of 1927, he had permitted the substitution of Italian for the German.

The question of permitting registration for an advanced degree in the field of Agricultural Engineering was considered and it was held that any student wishing to do such work be required to register in the College of Engineering.

On behalf of the Graduate Group Committee for Agriculture, Dr. Gortner raised the question regarding limitation of certain phases of the graduate work in fields such as those of Dairy Production where a considerable expenditure of funds and facilities were involved. The Group Committee suggested that in such case a statement in the departmental announcement in the Graduate Bulletin to the effect that "major work may be taken in such and such a field only by pre-arrangement with the department concerned" be permitted. It appearing on discussion that a considerable number of departments might face similar difficulties, it was voted to approve of limitation by any department of the number of graduate students to such as can be accommodated by the facilities of the departments concerned.

There was also referred from the Graduate Group Committee for Agriculture the following request from the Committee on Advanced Training for County Agents of the Minnesota County Agents' Association.

"In view of the widespread sentiment among the seventy county agricultural extension agents in Minnesota for taking advanced training in order to provide desirable improvement in the extension service, and to advance their own education, take this opportunity of making a request relative to the availability of graduate study in the University.

In order to form a basis of consideration of this subject, the committee representing the county agents' association respectfully request that the last six weeks' work in any academic quarter in the graduate school be recognized as the equivalent of a summer session term as a basis for resident credit, provided that the work of the other six weeks in that quarter is completed in absence to the satisfaction of the instructors of the courses taken."

In view of the fact that a limited number and those of exceptional cases would be affected, the arrangement seemed feasible and desirable and was approved by the committee.

The Dean raised the question as to the effect on the Graduate School requirements of the change in the marking system of graduate students to "satisfactory", "unsatisfactory", or "incomplete" in place of the present markings of A, B, C, D, E, F. The question was laid on the table for future consideration.

Wm. A. Riley

Secretary

JUN 10 1928

GRADUATE SCHOOL
Executive Committee
June 8, 1928
Campus Club
12:15 p.m.

Presiding: Dean Guy Stanton Ford.

Present.: Elliott, Gortner, Hunter, Jackson, Riley, Searles, Shippee.

Pursuant to the authorization of the Graduate School, the Executive Committee voted to recommend to the Regents the list of candidates for advanced degrees which was submitted as follows:

Master of Arts	46
Master of Science	27
Master of Science	
School of Medicine	13
Master of Science	
Engineering	8
Doctor of Philos-	
ophy	31

Appointments to the teaching faculty were approved as follows:

Full Membership

Boyd, Edith Dr.	Asst. Prof.	Child Welfare
Eke, Paul A.	Asst. Prof.	Agric. Econ.
Hillhouse, James T.	Asst. Prof.	English
Kolthoff, Izaak M.	Prof.	Chem. (Anal.)
Lambie, Morris B.	Prof.	Pol. Sci.
Livingston, Robert S.	Asst. Prof.	Chem. (Physical)
Marget, Arthur M.	Assoc. Prof.	Bus. Adm.
Marchie, Robert W.	Prof.	Sociology
Owings, Chloe	Assoc. Prof.	Soc. Hygiene Bu.
Peterson, William E.	Asst. Prof.	Dairy Husb.
Pratt, Fred J.	Asst. Prof.	Ophthalmology
Pratt, John A.	Asst. Prof.	Ophthalmology
Rigler, Leo G.	Assoc. Prof.	Roentgenology
Sarver, Landon A.	Asst. Prof.	Chemistry
Thomas, Lewis F.	Assoc. Prof.	Geography
Wangensteen, Owen H.	Asst. Prof.	Surgery

Course Work Only

Bryngelson, Bryng	Asst. Prof.	Speech
Ibsen, Heman	Prof. Lect.	Zoology

The application of Miss Alice M. Leaby, Sociology, and of Ernest O. Melby, Education, were referred to the respective group committees with power.

The Dean reported approval of the following for course work only for the Summer Session:

Borchers, Gladys L.	Asst. Prof.	Speech
Cutright, Prudence	Dir. Instr. Research	Educ. Adm.
Eurich, Alvin C.	Instr.	Educ. Psych.
Stafford, Ethelberg W.	Assoc. Prof.	Zoology

Assignments of research funds for 1928-29 were made as follows:

Y	Allison, I. S.	Mines	\$200.00
	Studies of Pre-Cambrian Weathering.		
A	Amrson, William	Political Sci.	2350.00
	Continuation of cooperative study of the Northwest Region.		
B	Buck, S. J.	History	200.00
	Bibliography of Minnesota Newspapers.		
D	Burr, Geo. O.	Botany	400.00
	Chemical and biologic value of certain natural products.		
P	Conger, Geo. P.	Philosophy	50.00
	Clerical aid on book manuscript.		
C	Cooper, Wm. S.	Botany	300.00
	Studies of sand dunes and of the effect of tension upon wood structure of Cypress.		
E	Emmons, Wm. H.	Geology	400.00
	Studies on ore deposits.		
I	Erikson, Henry A.	Physics	500.00
	Effect of water vapor on air ions.		
F	Folwell, W. W.	History	300.00
	Secretarial aid.		
G	Grout, Frank F.	Geology	500.00
	Clay analyses.		
J	Gruner, John W.	Geology	300.00
	Crystal structures.		
H	Harris, J. Arthur	Botany	400.00
	Biometric and physiocnemical studies.		
M	Heaton, Herbert	History	200.00
	Studies in Yorksnire textile industries.		
N	Hunter, Wm. H.	Chemistry	300.00
	Single potentials of cathods in presence of organic depolarizers.		
L	Lind, S. C.	Chemistry	300.00
	(Unspecified)		
R	Riley, Wm. A.	Zoology	75.00
	Table at Woods Hole for graduate student.		
	Studies of incidence of Amebic infections.		165.00
S	Schwartz, Geo. M.	Geology	200.00
	Studies on Chalcocide and Bornite.		
O	Stauffer, Clinton R.	Geology	300.00
	Devonian studies.		
K	Thiel, George	Geology	200.00
	Role of bacteria in geologic formations.		
T	Tilden, Josephine	Botany	150.00
	Source books of Pacific algae.		
U	Tinker, Miles A.	Psychology	110.00
	Legibility of old style and new style digits and color in visual apprehension.		

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21
W
X
Y
Z

In view of complications which have at various times arisen through delays of the thesis committee of candidates for the Ph. D. degree, it was voted by the Committee that:

"Approval of theses for the Ph. D. degree must be filed in the office of the Dean of the Graduate School before the date of the oral examination is set".

In order to avoid ambiguity regarding the constitution of the committee for the preliminary examination for the Ph. D. degree, it was voted that:

"In the case of the preliminary examination for the Ph.D. candidacy, a committee quorum shall consist of not less than seven members and six affirmative votes shall be necessary for approval acceptance of the candidate."

In order to relieve to some extent the congestion of graduate examinations during the spring term, it was voted:

"Except in the case of the Medical School no preliminary examinations shall be scheduled in the month of May."

The question of the requirements for the major in Speech for the Master's degree was considered and it was voted that:

"No action be taken until next spring and that in the mean time the group committee in conference with the Department of Public Speech be requested to formulate a definite recommendation regarding these requirements."

John H. Riley

Secretary

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Frederick Alvin Rehman
B.S. '26, Oregon Agricultural College
Major, Chemical Engineering
Minor, Physical Chemistry
Thesis, The Mechanism and the Products
of the Electrolytic Oxidation of
Toluene

MASTER OF SCIENCE IN CIVIL ENGINEERING

Earle Douglas McKay
B.S. '15, C.E. '16, University of Minnesota
Major, Civil Engineering
Minor, Chemistry
Thesis, Design of Reinforced Concrete Chimneys

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Stuart Lawrence Bailey
B.S. in Electrical Engineering '27, University of Minnesota
Major, Electrical Engineering
Minor, Physics
Thesis, The characteristics of Coil Aerial as
Used with Radio Signal Intensity Measuring
Apparatus

Carl Brandt Feldman
B.S. in Electrical Engineering '27, University of Minnesota
Major, Electrical Engineering
Minor, Physics
Thesis, Some Studies on the Calibration of Radio
Signal Intensity Measuring Apparatus

Marcus Ernest Piene
B.S. in Electrical Engineering '26, University of Minnesota
Major, Electrical Engineering
Minor, Physics
Thesis, A Null Method of Measuring Slip and Speed Stroboscopically

Walter August Schweppe
B.S. in Electrical Engineering '26, University of Minnesota
Major, Electrical Engineering
Minor, Mechanical Engineering
Thesis, Power Factor and Voltage Regulation Study of a Distribution
Feeder

June 1928

**MASTER OF SCIENCE IN ELECTRICAL ENGINEERING
(Cont'd)**

Henry Leo Tholstrup

B.S. in Electrical Engineering '26, University of Minnesota

Major, Electrical Engineering

Minor, Mathematics

**Thesis, An Investigation of the Communication System
for the University Campus**

ELECTRICAL ENGINEER

Walter Frederick Kannenberg

B.S. '23, M.S. '25, University of Minnesota

Major, Electrical Engineering

Minor, Mathematics

**Thesis, A Unique Solution of the Problem of
Automatic Regulation**

MASTER OF SCIENCE IN DERMATOLOGY

Samuel William Becker

B.S. '18, M.D. '21, University of Michigan
Major, Dermatology
Minor, Bacteriology
Thesis, Generalized Telangiectasia. A
clinical study with special consideration
of etiology and pathology

13

MASTER OF SCIENCE IN MEDICINE

Clifford Joseph Barberka

B.S. '16, University of Chicago
M.D. '20, University of Chicago (Rush)
Major, Medicine
Minor, Pathology
Thesis, Ketogenic Diet Treatment of Epilepsy
in Adults

out

Philip Walling Brown

B.A. '17, University of Colorado
M.D. '20, University of Pennsylvania
Major, Medicine
Minor, Biochemistry
Thesis, The Etiology of Chronic Ulcerative Colitis

Lester Dale Huffman

B.S. '14, M.D. '16, Indiana University
Major, Medicine
Minor, Pathology
Thesis, Metabolic Studies in Phenylhydrazin Therapy
of Polycythemia

Elverson Morris Jordan

M.D. '23, University of Texas
Major, Medicine
Minor, Pathology
Thesis, Studies on the Rate of Removal of
Sugar From the Blood

July

Mark Ronald McQuiggan

B.S. '21, M.D. '23, University of Pittsburgh
Major, Medicine
Minor, Pathology
Thesis, Weights and Measurements of
Pallepian Tubes

Irwin William Paul Schulz

B.S. '21, University of Wisconsin
M.D. '23, Marquette University
Major, Medicine
Minor, Pathology
Thesis, The Effect of Intravenously Injected
Phosphate Solutions on the Blood and Urine
Phosphorus in Man

Master of Science in Medicine (Continued)

Harry LeRoy Smith

M.B. '16, University of Iowa

Major, Medicine

Minor, Pathology

Thesis, The Weight of a Normal Heart

MASTER OF SCIENCE IN OTOLARYNGOLOGY

William Berkeley Stark

M.B. '15, University of Toronto

Major, Otolaryngology

Minor, Pathology

**Thesis, The Effect of Aqueous Irrigation
Upon the Upper Respiratory Tract Membrane
of the Rabbit**

MASTER OF SCIENCE IN SURGERY

Genrad Joseph Baumgartner

B.S. '21, M.D. '23., University of Nebraska

Major, Surgery

Minor, Pathology

Thesis, A Study of the Gallbladder Pathology

Watson Beach

B.A. '24, College of City of Detroit

M.D. '24, Detroit College of Medicine and Surgery

Major, Surgery

Minor, Pathology

**Thesis, Atony of the Ureter in the Production
of Hydronephrosis**

Charles Lawrence Chumley

B.S. '23, M.D. '24, University of Tennessee

Major, Surgery

Minor, Pathology

**Thesis, The Secretion of Bile as Influenced
by Diet and the Gallbladder**

Robert Arnold Hamrick

B.S. '19, University of Alabama

M.D. '23, Johns Hopkins University

Major, Surgery

Minor, Pathology

**Thesis, A Study by X-Ray of the Emptying of the Gall
Bladder**

Master of Science in Surgery (Continued)

Alfred Paul Synherst

M.D. '22, University of Iowa

Major, Surgery

Minor, Pathology

Thesis, Early Lesions of the Gallbladder

MASTER OF SCIENCE IN UROLOGY

Kenneth Frater

B.A. '19, M.B., Ch.B., '23, University of Cape Town

Major, Surgery

Minor, Pathology

Thesis, Epithelial Neoplasms of the Urinary Bladder

/ 3

MASTER OF SCIENCE

27

Carl George Anderson
B.S. '24, University of Minnesota
Major, Plant Pathology
Minor, Entomology
Thesis, The Value of Disinfecting Seed
of Sweet Corn.

Donald Clarke Boughton
B.S. '26, University of Pittsburgh
Major, Zoology
Minor, Botany
Thesis, Studies on the Icospera of
Minnesota Birds.

Henry Bolivar Bull
B.S. '27, University of South Carolina
Major, Physical Chemistry
Minor, Agricultural Biochemistry
Thesis, Studies of the Effect of
Certain Cations on the Flocculation
of Galena.

Maurice Edwin Buzzell
B.A. '26, Macalester College
Major, Industrial Chemistry
Minor, Physical Chemistry
Thesis, A Study of Labradorite as
a Raw Material for the Production
of Artificial Zeolite Water
Softeners.

Warren William Chase
B.A. '26, Macalester College
Major, Forestry
Minor, Ecology
Thesis, A Comparative Study of
Some of the Physical Properties
of the Sapwood and Heartwood of
our Northern Pines.

Walter Stanley Cunningham
B.S. '29, Purdue University
Major, Dairy Husbandry
Minor, Agricultural Biochemistry
Thesis, Normal Variations in the
Inorganic Phosphorus Content of the
Blood of Cattle.

Samuel George Danner

B.S. '24, Iowa State College
Major, Animal Husbandry
Minor, Agricultural Economics
Thesis, Utilization of Barley as
a Grain in the Fattening of Cattle.

John Flodin

B.S. in Mechanical Engineering '13,
M.E. '19, University of Washington
M.A. '25, University of Minnesota
Major, Educational Psychology
Minor, Scandinavian
Thesis, Student Achievement in Mechanism.

Bulah Vesta Gillaspie

B.S. '25, Ohio State University
Major, Home Economics
Minor, Education
Thesis, Factors Influencing Shrinkage
in Cooked Hams: A study of the
Influence of Cooling Temperatures.

Terstein Grinager

B.S. '24, University of Minnesota
Major, Agricultural Economics
Minor, Economics
Thesis, A Study of Minnesota Honey
Marketing Methods.

Out

Paul Henry Guttman

B.S. '26, Washington University
Major, Pathology
Minor, Zoology (Haematology)
Thesis, Tuberculosis of the Adrenals:
Its Relation to Addison's Disease.

Wilmer John Hansen

B.S.A. '26, University of Manitoba
Major, Dairy Husbandry
Minor, Agricultural Biochemistry
Thesis, The Cause and Prevention
of Crumbly Butter.

Ernest Oliver Herreid

B.S. '27, South Dakota State College
Major, Dairy Husbandry
Minor, Agricultural Biochemistry
Thesis, The Upper Limits of Economical Milk
Production.

Mary Caroline Jusla
B.S. '24, University of Minnesota
Major, Entomology
Minor, Animal Biology
Thesis, A Preliminary Report on the
Land Hemiptera of Minnesota, Exclusive
of Miridae and Lygaeidae.

out

Albert Daniel Klein
B.S. '27, University of Minnesota
Major, Anatomy
Minor, Pathology
Thesis, The Surface Area of the Human
Fetus.

out

Miland Elbert Knapp
B.S. '26, University of Minnesota
Major, Physiology
Minor, Bacteriology
Thesis, The Sensory Nerve Supply
of Blood Vessels.

Kenneth Albert Kobe
B.S. in Chemical Engineering '26, University of Minnesota
Major, Chemical Engineering
Minor, Organic Chemistry
Thesis, Purification of Cellulose Chlorination
of Furfural and Furfuryl Furate.

Adelaide Laurie
B.S. '19, North Dakota Agricultural College
Major, Home Economics
Minor, Educational Psychology
Thesis, An Experimental Study of the Effects
of Water and of Oxalic Acid on Unbleached
Cotton Cloth.

Hauftoli Michael Levine
B.S. '24, B.M. '26, M.D. '27, University of Minnesota
Major, Anatomy
Minor, Pathology
Thesis, Studies on the Compensatory Hypertrophy
of the Kidney in Albino Rats.

Ralph Melvin Lindgren
B.S. '26, University of Minnesota
Major, Plant Pathology
Minor, Forestry
Thesis, The XEM Effects of Wood-rotting
Fungi on Physical Properties of Wood.

Caroline Barnes Little
B.S. '23, University of Wisconsin
Major, Home Economics
Minor, Agricultural Economics
Thesis, A Comparative Study of the
Sizes of Commercial Patterns.

Howard Everett Parson
B.S. '23, Michigan State College
Major, Plant Pathology
Minor, Plant Physiology
Thesis, Physiologic Specialization in
Puccinia Coronata Avenae.

Harold Benjamin Richie
B.S. '25, University of Illinois
Major, Dairy Husbandry
Minor, Bacteriology
Thesis, The Value of Biological and
Chemical Analysis of Butter as an
Index to the Keeping Quality.

Diederick Johannes Schutte
B.S.A. '27, Iowa State College
Major, Dairy Husbandry
Minor, Agricultural Biochemistry
Thesis, Magnesium Sulfate as a
Factor in the Retention of Calcium
and Phosphorus in Cattle.

Wayland Arthur Shands
B.S. '26, Clemson College
Major, Zoology
Minor, Economic Entomology
Thesis, A Physiological Study of the
Sense of Taste in the Blow-Fly
Calliphora erythrocephala, Meigen.

Henry John Siemens
B.S.A. '25, Manitoba Agricultural College
Major, Agronomy
Minor, Plant Physiology
Thesis, Temperature Effect on the Germination
and Seminal Root Development of Corn (*Zea Mays*).

William Carl Stehr
B.S. '27, University of Minnesota
Major, Zoology
Minor, Botany (Biometry)
Thesis, The Activating Influence of Light
on Some Aquatic Arthropods.

John Lawrence Trensen

B.S. in Chemical Engineering '26, University of Minnesota
Major, Chemical Engineering
Minor, Metallography
Thesis, Studies on Distillation.

Arthur Frederic Verrall

B.S. '27, University of Minnesota
Major, Forestry
Minor, Plant Pathology
Thesis, A Comparative Study of the Structure
and Physical Properties of Compression Wood
and Normal Wood.

Harold Anthony Willman

B.S. '27, Pennsylvania State College
Major, Animal Husbandry
Minor, Dairy Husbandry
Thesis, A Study of the Nutritive Requirements
of Swine by Means of the Leading Feeding Standards.

DOCTOR OF PHILOSOPHY

31

Ralph Finney Beard

B.S. '17, North Dakota Agricultural College

Major, Physical Chemistry

Minor, Organic Chemistry

Thesis, A Study of the Kinetics of the
Stoichiometric Reaction in the Light
of Recent Activity Rate Theories.

Major Adviser, Dr. F.H. MacDougall.

Ernest Gordon Booth

B.S.A. '21, M.S.A. '23, University of Saskatchewan

Major, Agronomy

Minor, Botany

Thesis, The Daily Growth of the Oat Kernel and
the Effect of Immaturity and Controlled
Freezing Temperature on Germination.

Major Adviser, Professor A.C. Army.

George McLeod Brownell

B.S. '23, M.S. '25, University of Manitoba

Major, Economic Geology

Minor, Petrology

Thesis, The Geology of the Lyndhurst Area, Ontario.

Major Adviser, Dr. W.H. Emmons.

Miles Augustinus Dahlen

B.S. in Chemical Engineering '24, University of Minnesota

Major, ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ Organic Chemistry

Minor, Physical and Inorganic Chemistry

Thesis, Some Derivatives of Diphenylether.

Major Adviser, Dr. W.H. Hunter.

Donald Miner Davidson

B.A. '25, M.S. '26, University of Minnesota

Major, Petrology ~~Geology~~

Minor, Economic Geology

Thesis, Geology and Petrology of the Mineral
Hill Mining District, Lemhi County, Idaho.

Major Adviser, Dr. Frank F. Grout

Walter Anthony DeLong

B.S.A. '20, M.S. '24, Ontario Agricultural College

Major, Agricultural Biochemistry

Minor, Plant Physiology

Thesis, Respiration of Apple Twigs in Relation
to Winter Hardiness

Joint Advisers, Dr. J.J. Willaman

Dr. J.H. Beaumont

Joseph Avery Dunn

B.S. '21, Rutgers College
M.A. '27, Columbia University
Major, Agricultural Biochemistry
Minor, Physical Chemistry
Thesis, Factors Influencing Checking in
Biscuits
Major Adviser, Dr. C.H. Bailey

Hanna Fay Paterson

B.A. '25, Smith College
Major, Psychology
Minor, Educational Psychology
Thesis, Interrelation between Some Temperamental
Traits; Some Implications of the Normal Inferiority
Complex.
Major Adviser, Dr. Donald G. Paterson

Dorothy Page Gary

B.A. '18, University of Richmond
M.A. '20, Columbia University
Major, Sociology
Minor, Psychology and Economics
Thesis, Some Behavior Patterns of Carolina
Textile Workers
Major Adviser, Dr. F.S. Chapin

Halvor Orin Halverson

B.S. '22, Ch.E. '23, University of Minnesota
Major, Bacteriology
Minor, Physical Chemistry
Thesis, The Importance of Bacteria in the Transformations
of Iron in Nature
Major Adviser, Dr. Robert G. Green

Edward Lee Hill

B.S. in Electrical Engineering '25, University of Minnesota
Major, Physics
Minor, Mathematics
Thesis, Quantum Mechanics of the Rotational
Distortion of Spin Multiplets in Molecular Spectra
Major Adviser, Dr. J.H. Van Vleck

Julius Hendel

B.S. '21, Cornell University
Major, Agricultural Economics
Minor, Agricultural Biochemistry
Thesis, Relationship Between the Price of
Cash Hard Red Spring Wheat and Future
in the Minneapolis Market
Major Adviser, Dr. F.S. Price

Archer Willis Hurd

Ph.B. '06, Hamline University
M.S. '24, University of Minnesota
Major, Education
Minor, Educational Administration
Thesis, Evaluation of Certain Methods of
Procedures in the Teaching of Science
at the College Level
Major Adviser, Dean H.E. Haggerty

S Dr

Oscar Bernard Jesness

B.S. '12, M.S. '24, University of Minnesota
Major, Agricultural Economics
Minor, General Economics
Thesis, Marketing of Tobacco
Major Adviser, Dr. H.B. Price

Esther McGinnis

B.S. '15, Ohio State University
M.S. '23, Columbia University
Major, Child Welfare
Minor, Home Economics (Nutrition)
Thesis, The Acquisition and Interference
of Motor Habits in Young Children
Major Adviser, Dr. John E. Anderson

Thomas Herbert Mather

B.S.A. '22, M.S. '24, University of Alberta
Major, Agricultural Biochemistry
Minor, Organic Chemistry
Thesis, The Forms of Phosphorus in Forage
Crops as Influenced by Phosphorus
Fertilization
Major Adviser, Dr. R.A. Gortner

Elizabeth Nissen

B.A. '20, M.A. '21, University of Minnesota
Major, French
Minor, ~~SPAN~~ Italian
Thesis, A Critical Edition of the Poems Attributed
to Guiet de Dijon and Jocelin de Dijon
Major Adviser, Dr. I.C. Lecocqte

Truman Archie Pascoe

B.S. '25, M.S. '26, University of Minnesota
Major, Agricultural Biochemistry
Minor, Plant Physiology
Thesis, A Study of the Properties of Wheat
Flour as Produced by Different Milling Systems
Major Adviser, Dr. R.A. Gortner

Ree Eugene Remington

B.A. '08, University of Colorado
M.A. '24, University of Minnesota
Major, Physiological Chemistry
Minor, Physical Chemistry
Thesis, ~~Electrical Conductivity as a Measure of the Permeability of Cells of the Beet Root (rhizome of Beta vulgaris), and some Effects of Electrical Stimulation on the Permeability of Beet Root Cells~~
Major Adviser, Dr. J.F. McClendon

David Wild Robertson

B.S.A. '18, University of Manitoba
M.S. '20, University of Minnesota
Major, Plant Genetics
Minor, Soils and Plant Physiology
Thesis, Linkage Studies in Barley
Major Adviser, Professor H.K. Hayes

Herman Alonso Rodenhiser

B.S. '23, M.S. '25, University of Minnesota
Major, Plant Pathology
Minor, Agricultural Biochemistry
Thesis, Physiologic Specialization in Some of the Cereal Smuts
Major Adviser, Dr. E.C. Stakman

Harry Alexander Somerfield

B.A. '21, M.D. '25, Stanford University
Major, Obstetrics and Gynecology
Minor, Anatomy
Thesis, A Study of the Behavior of a Very Young Ovum Implanted in the Fallopian Tube
Major Adviser, Dr. J.C. Litsenberg

Herbert Sorenson

B.S. '24, M.A. '25, University of Minnesota
Major, Educational Psychology
Minor, Educational Administration
Thesis, Evaluation of Some Methods and Factors for the Control of Junior High School Pupils
Major Adviser, Dean M. E. Haggerty

August Leroy Strand

B.S. '17, Montana State College
M.S. '25, University of Minnesota
Major, Entomology
Minor, Agricultural Biochemistry
Thesis, The Relation Between the Permeability of Insect Respiratory Membranes and the Toxicity of Contact Insecticides
Major Adviser, Dr. R.N. Chapman

Ph.D. -5
June 1928

Lloyd Massena Thurston
B.S. '22, Michigan Agricultural College
Major, Dairy Husbandry
Minor, Agricultural Biochemistry
Thesis, The Role of the Antiscorbutic
Vitamin in the Nutrition of Calves
Major Adviser, Dr. C.H. Eckles

James Madison Tinley
B.S. '23, University of South Africa
Major, Agricultural Economics
Minor, General Economics
Thesis, Marketing Flue Cured Tobacco,
with Special Reference to the
Operations of the Tobacco Growers
Co-operative Association
Major Adviser, Dr. H.B. Price

Francis Marion Wadley
B.S. '16, M.S. '22, Kansas Agricultural College
Major, Entomology
Minor, Zoology
Thesis, Ecology of Toxoptera graminum
with Special Reference to Northern
Outbreaks
Major Adviser, Dr. William C. Cook

Harvey Walker
B.A. '23, University of Kansas
M.A. '27, University of Minnesota
Major, Political Science
Minor, Sociology and Economics
Thesis, Limitations Upon the Municipal
Ordinance Making Power Under the
Constitution of the United States
Major Adviser, Dr. William Anderson

George William Ward
B.S. '25, M.S. '26, University of Manitoba
Major, Petrology
Minor, Economic Geology
Thesis, A Chemical and Optical Study of the
Black Tourmalines
Major Adviser, Dr. Frank F. Grout

Francis Garritt Wells
B.S. '22, Mass. Institute of Technology
Major, Economic Geology
Minor, Petrography
Thesis, The Hydrathermal Alteration of Some
Ferromagnesian Silicates Olivine
Major Adviser, Dr. W.H. Emmons

-----Cecil James Watson
B.S. '23, M.S. '25,
M.D. '26, University of
Minnesota
Major, Pathology
Minor, Medicine and
Zoology
Thesis, A Histologic
Study of the Spleen in
Various Diseases. A
Study of Fresh Spleens
Fixed by the Injection
Method
Major Adviser, Dr. E.T.
Bell

June 1933.

MASTER OF ARTS.

46

Florence Elizabeth Armstrong
B.A. '27 University of Minnesota
Major, Psychology
Minor, Economics
Thesis, The Effect of the Group
on Speed and Power Tests.

out

Gertrude Margaret Baker
B.S. '21, University of Minnesota
Major, Education
Minor, Psychology
Thesis, A Study of the Supervision
of Practice Teaching in Physical
Education in Undergraduate Institutions
in the United States.

out

Edwin Arne Beite
B.A. '14, St. Olaf College
Major, Educational Administration
Minor, Educational Psychology
Thesis, A Measurement of Transfer in
a Simple Arithmetic Function.

Bessie Grimm Benton
B.A. '14, University of Minnesota.
Major, Latin
Minor, French
Thesis, News and Its Dissemination in
Roman Times.

Beatrice Bird
B.A. '26 University of Michigan
Diplome d'Etudes Superieures de Toulouse '27
Major, French
Minor, Philosophy
Thesis, The Social and Economical Status of
Modern French Women as Revealed in the Drama.

Helen Miriam Bishop
B.A. '22, University of Minnesota
Major, Psychology
Minor, Educational Psychology
Thesis, Free Association in the Feeble-Minded.

out

Gratia Burns
B.S. '26 University of Minnesota
Major, French
Minor, Spanish
Thesis, Voltaire as a Critic of Moliere.

Reed Oscar Christenson
B.S. '26, Utah Agricultural College
Major, Zoology (Parasitology)
Minor, Entomology
Thesis, The Larval Cestodes of Rabbits.

Ruth Christie
B.A. '14, Beloit College
Major, English
Minor, Education
Thesis, The Comic Spirit in Henry Fielding.

Dean Albert Collins
B.A. '26, University of Minnesota
Major, Physiology
Minor, Physical Chemistry
Thesis, The Effect of Cyanides Upon
Irritability and Capillary Permeability
in Relation Particularly to Surgical
Shock.

Gertrude Doney
B.A. '27, University of Minnesota
Major, History
Minor, English
Thesis, The Latin Court of Jerusalem
on the Eve of Saladin's Conquest of
Syria.

Monica Keating Doyle
B.A. '08, University of Minnesota
Major, Sociology
Minor, Anthropology
Thesis, Social Aspects of Legal
Protection Available for Children
of Illegitimate Birth, with Reference
to Minnesota.

Ellen Wheeler Edwards
B.A. '25, Western Maryland College
Major, History
Minor, Political Science
Thesis, Maryland During the Reconstruction
Period.

Emil Arthur Erickson
B.S. '27, University of Minnesota
Major, History
Minor, Political Science
Thesis, The Anglo-French Conventions of 1804.

Ralph Walde Erickson

B.A. '22, University of Minnesota
Major, Philosophy
Minor, Educational Psychology
Thesis, The Concept of Consciousness in
William James.

Moses Harry Fire

B.A. '26, University of Minnesota.
Major, French
Minor, Philosophy
Thesis, Life in the Works of Guy de Maupassant
as Seen Through his Perspective of Love.

John Theodore Flanagan

B.A. '27, University of Minnesota
Major, English
Minor, Comparative Literature
Thesis, The Philosophy of Samuel Butler,
Author of "Hudibras".

Verona Green

B.A. '27, University of Minnesota
Major, Psychology
Minor, Zoology
Thesis, An Experimental Study of the
Effect of Teamwork and Non-competition
Upon Motor Performance.

William Guevara

B.A. '17, Bolivia, South America
B.S. '25, South Dakota State College
Major, Spanish
Minor, French
Thesis, Elementos Ideologicos en las
Novelas de Dn. Miguel de Unamuno y Jugo.

George Peter Halverson

B.A. '11, University of Wisconsin
Major, Educational Administration
Minor, History
Thesis, Certain Aspects of a Supervisory
Program in Recreational Reading.

Lewis Hanson

B.S. '26, University of Minnesota
Major, Physiology
Minor, Pharmacology
Thesis, Changes in the Blood in the
Regulation of Temperature.

Ludwig John Hauser

B.A. '19, University of Minnesota
Major, Educational Administration
Minor, Educational Psychology
Thesis, An Intensive Study of the
Organization and Administration of
the Mabel Public Schools, with
Special Emphasis on Consolidation.

Alexander Ivan Jedlicka

B.A. '07, University of Minnesota
Major, Educational Administration
Minor, Educational Psychology
Thesis, Causes Which Produce Variations
in Ability of School Districts to Support
Their Schools. *out*

Mabel Corinne Johnson

B.A. '27, University of Minnesota
Major, French
Minor, Spanish
Thesis, A Survey of the Conditions that
Led Moliere to Make his Debut in Paris
in 1658.

Hugh Fessenden Kendall

B.A. '27, University of Minnesota
Major, Geology
Minor, Economics
Thesis, The Keweenaw Diabase Intrusives
of Northeastern Minnesota.

William Harry Kirchner, Jr.

B.A. '22, University of Minnesota
Major, Comparative Literature
Minor, English
Thesis, Bernard Shaw and the French.

Dorothy Estelle Leader

B.A. '23, University of Wisconsin
Major, English
Minor, Education
Thesis, Shakespeare's Influence on Otway.

Esther Marie Lium

B.A. '25, St. Olaf College
Major, English
Minor, Comparative Literature
Thesis, The Psychological Theory of Macbeth. *Thesis sent
and checked*

Solomon Leon Loewen
B.A. '23, Tabor College
Major, Zoology
Minor, Entomology
Thesis, On the Morphology of
Catepthroidea Lacustri N. Sp.
with a Diagnosis of the Genus
and Species.

CIAIR

Otis McCreery
B.S. '22, University of Minnesota
Major, Educational Administration
Minor, Educational Psychology
Thesis, The Relationship of Participation
in Extra-curricular Activities to Success
in College.

Richard Allen McGee
B.S. '23, University of Minnesota
Major, Educational Administration
Minor, ~~Economics~~ Economics
Thesis, Interests, Capacities, and Socio-
Economic Status of the Minnesota University
High School Boys.

Herman Richard Mueller
B.A. '27, Knox College
Major, History
Minor, Political Science
Thesis, Early History of the German
Methodist Conferences of the Middle
West.

Lillian Ruth Niedorff
B.S. '25, University of Minnesota
Major, French
Minor, Educational Psychology
Thesis, Voltaire and the Comedie Larmoyante.

MASSET

Andree Nippert
B.A. '21, Carleton College
Major, French
Minor, Spanish
Thesis, Les Romans Paysans de George Sand.

Carrell Lloyd Olsen
B.A. '25, Macalester College
Major, Sociology
Minor, Educational Administration
Thesis, A Study of the Relation Between Religious
Education in the Home and Church and Support
Among Latter Day Saints in Minnesota.

June 1928-6
Master of Arts

I
Emeric Peterson
B.S. '27, University of Minnesota
Major, Psychology
Minor, Economics
Thesis, A Personnel Study of Freshmen
Football Candidates.

Gordon Lee Riley
B.A. '26, University of Minnesota
Major, Educational Psychology
Minor, Psychology
Thesis, The Interrelationship of the
Standard-Binet, Arthur Performance
Scale, and Minnesota Assembly as
Shown in their Application to Sixty-five
Boys from the Juvenile Court of Hennepin
County.

Inetta Winter Robb
B.A. '26, University of Minnesota
Major, English
Minor, Philosophy
Thesis, Shakespeare's Stylistic Means
of Characterization as it Appears in
"The Merchant of Venice", and "Othello,
the Moor of Venice."

Marion Bjorhus Retnes
B.A. '22, University of Minnesota
Major, Sociology
Minor, Child Welfare
Thesis, A Study of the Social Participation
of Adolescent Girls in Settlement Recreational
Groups and the Influence of their Social
Backgrounds upon their Behavior in Clubs.

Gerard Schultz
B.A. '25, Knox College
Major, History
Minor, Sociology
Thesis, Settlement of Lower Missouri Valley,
1804-1821.

Mary Alice Shields
B.S. '27, University of Minnesota
Major, French
Minor, English
Thesis, French Life as Seen in the Plays
of Sardou.

Margaret Aleda Shields

B.A. '24, Macalester College

Major, Anatomy

Minor, Physiology

Thesis, Morphological Changes in the Remaining Kidney after Unilateral Nephrectomy in a Very Young Albino Rat.

Sister Alfreda Zierden

B.A. '23, University of Minnesota

Major, German

Minor, Comparative Philology

Thesis, Reported Action in the Drama of Heinrich von Kleist.

Vernon David Eugene Smith

B.A. '27, University of Minnesota

Major, Anatomy

Minor, Pathology

Thesis, Studies on the Effects of Water Deficiency on the Body and Organs of the Rat.

Benjamin Ralph Stauber

B.S. '26, Washington State College

Major, Economics

Minor, Agricultural Economics

Thesis, A Statistical Analysis of Concomitant Variation of Interest Rates and Certain Stock Price Series.

Abraham Stoess

A.B. '23, Bluffton College

Major, Plant Ecology

Minor, Plant Taxonomy

Thesis, A Study of Plant Succession in Moore Lake, Sand Dune Area, Anoka County.

Kathryn Swansen

B.A. '26, University of Minnesota

Major, English

Minor, Comparative Literature

Thesis, A Study of the Development of Lafcadio Hearn's Style. *wut*

Theodore Utne

B.A. '12, University of Minnesota

Major, Educational Administration

Minor, Educational Psychology

Thesis, State Examinations in the Public Schools of Minnesota.

Arthur Richard Walk

B.S. '17, Lafayette College

Major, History

Minor, Political Science

Thesis, A Critical Study of the Defense of the Marne River Crossings by the

Third United States Division, July 14-18, 1918.

Jeannette Blanchard Watson

B.S. '27, University of Minnesota

Major, Botany (Freshwater Algae)

Minor, Ecology (Plant)

Thesis, The Algal Flora of Loring Cascade, Glenwood Park, Minneapolis, Minnesota.

Rheda Welker

B.S. '23, University of Minnesota

Major, ~~History~~

Minor, Political Science

Thesis, Opening up and Settlement of the Missouri Slope County of North Dakota.

out

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Thyra Elisabeth Wirtenberger

B.A. '25, Hamline University

Major, Philosophy

Minor, Education

Thesis, The Relation Between Plato's Proofs for the Immortality of the Soul and his Doctrine of Ideas.

Out

Grace Men-shen Woo

B.A. '21, Ginling College

Major, Botany (Algae)

Minor, Ecology (Plant)

Thesis, The Algal Flora of Loring Cascade.

GRADUATE SCHOOL
Executive Committee
December 13, 1928
Campus Club
12:30 p.m.

Presiding: Dean G. S. Ford.

Present: Messrs. Gortner, Hunter, Jackson, Koos, Shippee, Riley.

Pursuant to the authorization of the Graduate School, the Executive Committee voted to recommend to the Regents those candidates for the advanced degrees who, by the time of the fall term Commencement, have met all of the requirements for their degrees.

Appointments to the teaching faculty were approved as follows:

Full Membership

<p><i>Original checked by C. H. Rogers 12/14/28</i></p> <ul style="list-style-type: none"> - Boardman, Charles W. - Bragdon, Helen Dalton - Bryant, J. N. - Du Priest, John R. - Field, Oliver P. - Foster, Josephine C. - Friederichs, Karl P. T. - Halvorson, H. O. - Hartig, Henry E. - Hurd, Archer W. - Jesness, Oscar B. - Johnson, Elmer W. - KeFauver, Grayson N. - McGinnis, Esther - Mills, L. A. - Peik, Wesley E. - Saunders, Allan F. - Weidenhammer, Robt. M. - Winters, Laurence 	<ul style="list-style-type: none"> Principal Asst. Prof. Professor Professor Assoc. Prof. Assoc. Prof. Assoc. Prof. Asst. Prof. Asst. Prof. Asst. Prof. Instructor & Asst. Director Chief & Prof. Asst. Prof. Asst. Prof. Assoc. Prof. Asst. Prof. Prof. Lecturer Asst. Prof. Asst. Prof. Assoc. Prof. 	<ul style="list-style-type: none"> Univ. High School Education Elec. Eng. Mech. Eng. Political Science Child Welfare Entomology Bacteriology Elec. Eng. Education Bureau of Educ. Res. Farm Management and Agr. Econ. Elec. Eng. Education Child Welfare Political Science Education Political Science Bus. Administration Animal Husbandry
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Course Work Only

<p><i>Original checked by C. H. Rogers 12/14/28</i></p> <ul style="list-style-type: none"> - Leahy, Alice M. - Longstaff, Howard P. - Sinclair, Walton B. 	<ul style="list-style-type: none"> Research Asst. Lecturer Instructor 	<ul style="list-style-type: none"> Sociology Psychology Agr. Bioch.
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Action on the case of C. H. Rogers, Professor of Pharmaceutical Chemistry, was referred to the Dean with power as the complete data were not before the committee. (See June 14, 1929)

Requests for assignment of research funds were approved as follows:

- Letter* ✓
Heidbreder, Edna Psychology \$175.00 for continuation of studies on personality traits.
Kolthoff, I. M. \$500.00 for employment of assistants in studies on adsorption of electrolytes.

High ✓
On petition of Wm. A. P. Graham, Ph. D. Dec. 1927, there was granted an extension of six months' time for the publication of the thesis.

The Dean presented informally the question of a divided six weeks' summer session course for teachers in secondary agriculture with the explanation that no credit was to be allowed until the second half of the course had been completed.

A discussion of the requirement of three quarters of residence for the master's degree did not develop any satisfactory basis for a change in the present rules.

Don A. Riley

Secretary

*RECEIVED
UNIVERSITY OF CALIFORNIA
12/19/27*

GRADUATE SCHOOL
Executive Committee
 Dec. 13, 1928
 Campus Club
 12:30 p.m.

Dec. 13, 1928

1. Application for appointment on Teaching Faculty:

Boardman, Charles W.	Principal	Univ. High School
Bragdon, Helen Dalton	Asst. Prof.	Education
Bryant, J. M.	Professor	Elec. Eng.
Du Priest, John R.	Professor	Mech. Eng.
Field, Oliver P.	Assoc. Prof.	Political Science
Foster, Josephine C.	Assoc. Prof.	Child Welfare
Friederichs, Karl P. T.	Assoc. Prof.	Entomology
Halvorson, H. O.	Instructor	Bacteriology
Hartig, Henry E.	Asst. Prof.	Elec. Eng.
Hurd, Archer W.	Instructor & Asst. Director	Education Bureau of Educ. Res.
Jesness, Oscar B.	Chief & Prof.	Farm Management and Agr. Econ.
Johnson, Elmer W.	Asst. Prof.	Elec. Eng.
Kefauver, Grayson N.	Asst. Prof.	Education
Leahy, Alice M.	Research Asst.	Sociology
Longstaff, Howard P.	Lecturer	Psychology
McGinnis, Esther	Assoc. Prof.	Child Welfare
Peik, Wesley E.	Prof. Lecturer	Education
Saunders, Allan F.	Asst. Prof.	Political Science
Sinclair, Walton B.	Instructor	Agr. Bioch.
Weidenhammer, Robt. M.	Asst. Prof.	Bus. Administration
Winters, Laurence	Assoc. Prof.	Animal Husbandry

2. Replies to Report on Improvement of Graduate Instruction.

3. Assignment of Research Funds:

Heidbreder, Edna.	\$175.00
Kolthoff, I. M.	500.00

4. a. Question of whether Dept. of Bacteriology belongs in Medical Group.

b. See excerpt from Minutes of Biological Group Committee of Nov. 9, 1928.

5. Graham, Wm. A. P. - Ph. D. Dec. '27 - Extension of time for publication of Ph.D. thesis.

6. Personnel Study of Master's degree students (See Reprint).

7. Three weeks' courses in Summer Session (See correspondence with Dean Haggerty).

8. Vocational Education. (Stout Institute correspondence)

9. Three Quarters of Residence for Master's degree (R.A.Gortner)

10. Requirements for Ph.D. degree (Report Dean Woodbridge, Columbia)