

# University of Minnesota

## COMMENCEMENT CONVOCATION WINTER QUARTER

1938



**NORTHROP MEMORIAL AUDITORIUM**

**Thursday, March 17, 1938, Eleven O'Clock**

# PROGRAM

GUY STANTON FORD, Acting President, Presiding

PROCESSIONAL—March Pontificale - - - - *Widor*

ARTHUR POISTER  
Organist

HYMN—"America"

My country! 'tis of thee,  
Sweet land of liberty,  
Of thee I sing;  
Land where our fathers died!  
Land of the Pilgrims' pride  
From every mountain side  
Let freedom ring.

Our fathers' God! to Thee,  
Author of Liberty  
To Thee we sing;  
Long may our land be bright  
With freedom's holy light;  
Protect us by Thy might  
Great God our King.

COMMENCEMENT ADDRESS—

"The Country of the Educated Man"

CHRISTIAN GAUSS, LL.D., Litt.D., L.H.D.  
Dean of the College, Princeton University

ORGAN SOLO—Toccatà and Fugue in D Minor - *J. S. Bach*

ARTHUR POISTER

CONFERRING OF DEGREES

GUY STANTON FORD, Ph.D., LL.D., Litt.D.  
Acting President of the University

SONG—"Hail, Minnesota!"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

RECESSIONAL—Finale from Symphony IV - - - *Widor*  
ARTHUR POISTER

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SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.

# CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the winter quarter, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

## SCHOOL OF DENTISTRY GRADUATE DENTAL HYGIENIST

VIVIAN DOROTHY RISING

## GENERAL COLLEGE ASSOCIATES IN ARTS

ROBERT BURNS KELLY	MARY RACHEL TOWEY
LAWRENCE EDWIN ODENCRANS	BARBARA ANN TYSON
GRANT CHRISTIAN WESCOTT	

## MEDICAL SCHOOL GRADUATES IN NURSING

ELMA EVELYN AHO	FRANCES ROMA KURTZMAN
GENEVIEVE IRENE ANDERSON	LORETTA IRMA LECHNER
ALICE MILDRED BREMER	GERTRUDE ETHEL McBRIDE
THERESA BURAGLIO	MARIAN AUDREY NYSTROM
EVELYN LUCILLE CARLSON	LOUISE HOTZE OTTO
RACHEL ELIZABETH CARLSON	MARGARET M. PROFF
MARIAN IRENE FALCONER	AUDREY ALBERTA REINHOLD
KATHRYNE ANN GREENFIELD	ESTHER SANDMAN
MILDRED ALICE GUSTAFSON	RUTH MARLEA THOMPSON
DOLORES ANN HALSTED	MAE M. VOLDEN
EVELYN O. HEXEM	HELEN MARGUERITE WALCH
RUTH LU CRETIA HODGKINS	SOPHIE DOROTHEA WALLER
ELEANOR MONA JACOBSON	BERYL MAXINE WEEKS
JOSEPHINE CARTER KINGSBURY	ALICE MARGARET WEMPLE

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS BACHELOR OF ARTS

† *magna cum laude*

BEN GALLOB

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELORS OF ARTS

†*cum laude*

JULIUS ARMIN JAHN	WALTER LOUIS NYGAARD
NANCY MIDDLETON KING	CARL REITER
IDA KRAMER	JULIAN DEHART SERRILL, JR.
	JESSIE PETIT SVENSSON

## BACHELORS OF ARTS

INGER M. CHRISTENSEN	WALTER CHAPMAN ROBB
JOHN JAMES ENSLEY	ARTHUR QUINCY ROSEN
HAROLD JOHN FOURNELLE	RUTHIE ROSENHOLTZ
MARGARET ELEANOR FRENCH	KARL EDWARD ROTEGARD
THEODORE WILLIAM GALANTER	MANUEL H. RUDER
MELVIN MARTIN GREEN	MORTON MORRIS SAFRAN
FLORENCE HACKNER	EDWARD PEYTON SAINSBURY
MARJORY LEAH HARRIS	BETTY FOSTER SALISBURY
JAMES DAY HODGSON	HARVEY THOMAS SEVERSON
CHESTER ROBERT HOLSTROM	GLENN BJORNSON SOELBERG
TALBOT JONES	CAMILLE YVONNE STODDARD
VIVIAN BERMAN KATZ	ELIZABETH A. VOHRALIK
MARGUERITE LUGER	MARY ANN VOLK
EUGENE H. McDUGALL	JEAN H. WATSON
CHARLES FREDERICK O'GORMAN	CATHERINE LIBBIE WEBSTER
LYLE NATHAN PATTERSON	HUBERT WILLIAM WHITE, JR.
FRANCIS KNIGHT RICE	FRANKLIN RANDOLPH WRIGHT, JR.
	WOODROW FRANCIS ZICK

## BACHELOR OF SCIENCE

†*magna cum laude*

SYLVIA LEA MOSKOVITZ

## BACHELOR OF SCIENCE

†*cum laude*

LUCILLE PAZANDAK

## BACHELORS OF SCIENCE

JANET CHARLOTTE CHRISTOPHERSON	CELIA KAPLAN
EUGENIA CONWAY	SOL LOU MILLER
WARREN VALDO GRISSOM	MARGARET ELIZABETH ROLL
HELEN LOUISE HOLT	MARIA KJESTINE SCHMIDT

† Candidates graduating with honors are identified by differentiated shoulder insignia.

INSTITUTE OF TECHNOLOGY  
BACHELOR OF MECHANICAL ENGINEERING

†*with high distinction*

WILFRED C. CADWELL

BACHELORS OF AERONAUTICAL ENGINEERING

JAMES M. BRANDT  
PAUL PETERSON CAMPBELL

DONALD ELLSWORTH RIALSON  
LEONARD FRANSEN STARLOF

BACHELORS OF CIVIL ENGINEERING

TAPPAN CHILDS

EDWARD FRANK KISHEL

BACHELORS OF MECHANICAL ENGINEERING

CONDIT JUDSON BEVIER  
HERSCHEL LOUIS LEXIER

JOHN RICHARD PETERSON  
NORMAN R. SERIGSTAD

BACHELORS OF ARCHITECTURE

ROBERT BURDICK BERGLAND

GORDON ARTHUR SCHLICHTING

COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS

BACHELORS OF SCIENCE

†*with high distinction*

*(Course in Agriculture)*

JOHN RICHARD TIMPERLEY

*(Course in Forestry)*

ROGER FABIAN ANDERSON

FRED E. DICKINSON

*(Course in Home Economics)*

MARJORIE FLORENCE JORGENSEN

CAROL CATHRYN WHITE

BACHELORS OF SCIENCE

†*with distinction*

*(Course in Agriculture)*

STANLEY ALDEN GREGOR

† Candidates graduating with honors are identified by differentiated shoulder insignia.

*(Course in Forestry)*

ALVIN EDWARD NELSON

LAWRENCE P. TERCH

*(Course in Home Economics)*

JEANETTE ELEANOR BREN

BACHELORS OF SCIENCE

*(Course in Agriculture)*

CHESTER LEOPOLD AHLIN

HJALMAR HULIN

FRED HAROLD BERGGREN

BERT J. JAHN

RICHARD HOLT BONDE

WILLIAM HOEPPNER KING

ALTON V. BRAGE

REID E. LENDE

ROY DAVID CARLSON

RANDOLPH OSTLIE

GOODWIN JEROME SONSTEGARD

*(Course in Forestry)*

PHILLIP OLIN CARLSON

RAYMOND EDWARD LESKELA

CARL RALPH DION

DAVID M. LOHN

NILO JOHN HAAPALA

CARL EMIL NORDELL

THOMAS KENT KJELLAND

JOHN ALBERT OASE

RICHARD J. KROLL

DUANE G. RAUENHORST

JACK EUGENE LARSON

ALVAN CURTIS STEARNS

DANIEL J. LEACH

JOHN PALAN TOREN

EINO RICHARD WUORI

*(Course in Home Economics)*

ELIZABETH G. BOYER

MARY CUSHMAN HAYES

HARRIET LILLIAN EKERN

AMY LOUISE HERMAN

LULU MARILYNN GRAN

CATHERINE LOUISE MORRIS

COLLEGE OF AGRICULTURE, FORESTRY,  
AND HOME ECONOMICS AND  
COLLEGE OF EDUCATION

BACHELORS OF SCIENCE

*(Course in Agriculture)*

VERNON LEROY BALDWIN

PETER MICHAEL MILINKOVICH

ARNE EMANUEL CARLSON

GEORGE ARMAND PETERSON

ROBERT JOSEPH PICHA

*(Course in Home Economics)*

KATHRYN N. BOLLER

ELLEN L. MOLINE

LOIS JANETTE MILLER

HELEN MARGUERITE STENSGAARD

**MEDICAL SCHOOL**  
**BACHELOR OF SCIENCE**

*†with distinction*

EDMUND FRANCIS CORRIGAN

**BACHELORS OF SCIENCE**

GERALD STEBER AHERN	BERNARD NICHOLAS KARLEEN
GEORGE ARACK	LEWIS ARTHUR KNUTSON
CHARLES BALLOU	STANLEY EDWARD KRUMBIEGEL
JOHN DENNIS BARKER	PING PIAO LIU
JOHN JOSEPH BEER	JOSEPH LOUCKS
EDNA ETHEL BENESOVITZ	HARRY ALLEN MILLER
OHRMUNDT CARL BRAUN	JOSEPH EMMETT MURPHY
JOHN PAUL BURTON	ALVIN MARTIN NIELSEN
GEORGE WARREN DREXLER	CLAUDIA ROSEMARY NOSTDAL
DANIEL LOUIS FINK	DONALD HERBERT PETERSON
JAMES ROBERT FORSYTHE	HENRY JOSEPH REIF
WYMAN ELMER JACOBSON	HENRY DENNIS ROSENBLATT
HELEN MARIE JOHNSON	GORDON CARL TORNBORG
RAYMOND ALFRED JOHNSON	FERN YVONNE WATTERSON
DONOVAN GEORGE WRIGHT	

**COLLEGE OF PHARMACY**

**BACHELOR OF SCIENCE**

*In Pharmacy*

\*JOHN SHERWOOD HARMS

**COLLEGE OF EDUCATION**

**BACHELOR OF SCIENCE**

*†with high distinction*

MARIE INGBORG BESTUL

**BACHELORS OF SCIENCE**

*†with distinction*

SALLY HALVARDA HENRIKSON	MYRTHEL EVANGELINE NELSON
SIGNE THERESA HOLMSTROM	GLADYS MAURINE RAY

\* Degree conferred as of December 17, 1937.

† Candidates graduating with honors are identified by differentiated shoulder insignia.



## BACHELORS OF SCIENCE

FRANK EMIL ADAMS	AGNES JANE RADDATZ
HARRY ARNE BRODIN	MARY ANN RIGGS
JAMES HENRY CAMPBELL	AMALIE ROTH
RACHEL ELIZABETH STOHL CARLSON	ELSIE MARIA SAARI
JOHN CARSON CEDERSTROM	RUSSELL A. SAHLSTROM
HANNAH ELIZABETH ERIKSON	HARRY A. SIEBEN, JR.
SELMA WILHELMINA HOLQUIST	MARJORIE SPRESTER
PERRY EUGENE JOHNSON	MARGARET ESTHER STEENSON
VERNA VIOLA KOSKELA	LEONE MARY STEFFEN
ROBERT NOBLE LEWIS	JENNIE C. STEINMETZ
ELVA B. NELSON	ETHEL STEELE SWENSON
MARJORIE HELEN NICHOLS	EDITH ELNOR THOMPSON
JANE KATHERINE PROTZELLER	SOPHIE DOROTHEA WALLER
	WALBORG SIGRID WAYNE

## SCHOOL OF BUSINESS ADMINISTRATION

### BACHELORS OF BUSINESS ADMINISTRATION

WILLIARD GREIG ALLISON	KUO-CHIH HUANG
WILLIAM CHARLES BALL	FREDERICK WILLIAM JOHNSON
WILLIAM THOMAS BEEBE	GORDON OLIVER JOHNSON
MARVIN ARTHUR BLOCH	HARVEY LEO JOINER, JR.
KENNETH ARNOLD BONG	WILLIAM JOSEPH MCBRIDE
AGNES MARTHA BRUNER	WILLIAM JAMES MORCOM
ROBERT SABIN BURRELL	DONALD KAAS NELSON
CARL R. CARLSTROM, JR.	BESSIE PREMACK
CHARLES COLBURN CARPENTER	FRANCIS ELMER ROCH
WILBUR JOHN ENGMAN	REUBEN AMBROSE DELAMAR SIVERTSON
GEORGE E. ERICKSON	ARTHUR PIEPER SMITH, JR.
HERMAN DEWILTON GORDON	HOWARD VOSS SNOWDEN
LAWRENCE GRIMES	OTTO FREDERICK STUEFER, JR.
HARRY FERTIG HOLSTROM	OTIS VAGSTAD

## UNIVERSITY COLLEGE

### BACHELOR OF ARTS

*†cum laude*

MARY ELIZABETH PENNOCK

### BACHELOR OF ARTS

JOSEPHINE EDGERTON MACK

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## SCHOOL OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

WALTER ALBERT    KENNETH JOHNSON    MERLE W. RICH

## GRADUATE SCHOOL

### MASTERS OF ARTS

EDWARD WILLIAM BECHTEL

B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Evaluation of the International Falls Public School Program of Studies through Alumni Reactions and Study of Alumni Needs

RICHARD WADSWORTH LINDHOLM

B.A. '35, Gustavus Adolphus College  
Major, Economics  
Minor, Political Science  
Thesis, Analysis of the Provisions and Results during the First Three Year Period of the Reciprocal Trade Agreements Negotiated with Latin American Countries

RAYMOND ANDREW DAHLGREN

B.S. '33, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, A Measurement of Transfer of Training in the Learning of the Multiplication Combinations

ALICE LOUISE MCCONNON

B.A. '33, Vassar College  
Major, Child Welfare  
Minor, Psychology  
Thesis, Sex Differences in Topics of Conversation of Kindergarten Children

RUTH ELEANOR GRUVER

B.S. '35, University of Minnesota  
Major, Mathematics  
Minor, Biometry  
Thesis, Some Applications of Vector Analysis to Differential Geometry

CLARENCE ROBERT OSELL

B.S. '30, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, A Survey of Certain Phases of Professional and Economic Status of Graduates from the Department of Physical Education and Athletics for Men of the University of Minnesota

KRISTOFER HAGEN

B.A. '29, Augsburg College  
Major, Philosophy  
Minor, Psychology  
Thesis, The Oxford Group: A Contemporary Religious Movement

EDWARD GUSTAF PLEVA

B.A. '34, University of Minnesota  
Major, Geography  
Minor, Economics  
Thesis, The Agricultural Regions of Minnesota

GEORGE EDWARD LANGELAND

B.A. '32, College of St. Thomas  
Major, English  
Minor, History  
Thesis, Catholicism in the Waverley Novels

- HAZEL KITZMAN RAMHARTER  
 B.Ed. '29, Eau Claire State Teachers  
 College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Effect of Awareness of  
 Results on the Elimination of Er-  
 ror in Drills in Arithmetic
- FERDINAND PETER SCHULTZ  
 B.A. '35, John Fletcher College  
 Major, History  
 Minor, Education  
 Thesis, The History of the Settle-  
 ment of German Mennonites from  
 Russia at Mountain Lake, Min-  
 nesota
- CHARLES BRADDOCK REIF  
 B.S. '35, University of Minnesota  
 Major, Zoology  
 Minor, Entomology  
 Thesis, The Effect of Stream Con-  
 ditions on Lake Plankton
- ETHEL STEINMAN  
 B.S. '36, University of Minnesota  
 Major, Sociology  
 Plan B without thesis
- JANET RUTH REULER  
 B.S. '36, University of Minnesota  
 Major, Sociology  
 Plan B without thesis
- FRED WALTER TATting  
 B.S. '31, University of Minnesota  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, A Measurement of Transfer  
 of Training in the Addition of  
 Fractions
- MARTIN ALLEN SATZ  
 B.A. '36, University of Minnesota  
 Major, Political Science  
 Minor, Sociology  
 Thesis, The Organization and Ad-  
 ministration of the National Re-  
 employment Service in the State  
 of Minnesota
- MILDRED BEHSE TRUMBLE  
 B.A. '14, University of Minnesota  
 Major, Education  
 Plan B without thesis
- ARTHUR MELVIN WISNESS  
 B.A. '14, Luther College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Special Study of the Effect  
 of the Summer Vacation on the  
 Achievement of Pupils in the Ele-  
 mentary Grades

## MASTERS OF SCIENCE

- HAROLD RODNEY DODGE  
 B.S. '35, University of Wisconsin  
 Major, Entomology  
 Minor, Forestry  
 Thesis, The Bark Beetles (Scoly-  
 tidae) of Minnesota (Coleoptera)
- JOHN NELSON HANSEN  
 B.Ch. '35, University of Minnesota  
 Major, Organic Chemistry  
 Minor, Biochemistry  
 Thesis, The Structure of Furazan  
 Oxides

MALCOLM COLBURN HOPE  
B.Ch.E. '33, University of Minnesota  
Major, Preventive Medicine and  
Public Health  
Plan B without thesis

ALBERT WILLIAM MARSH  
B.Ch.E. '36, University of Minnesota  
Major, Soils  
Minor, Chemistry  
Thesis, Atmospheric Contribution of  
Sulfur to the Soil in Minnesota

MING-TAO JEN  
B.S. '26, National Central University  
Major, Entomology  
Minor, Biochemistry  
Thesis, A Preliminary Investigation  
of Chinese Plants Reported to  
Possess Insecticidal Properties

JOHN MILTON MCMILLEN  
B.S. with distinction '33, University  
of Minnesota  
Majors, Agricultural Biochemistry  
and Forestry  
Minor, Forestry  
Thesis, The Cooking of Minnesota  
Woods with Butyl Alcohol

LLOYD LUTE KEMPE  
B.Ch.E. '32, University of Minnesota  
Major, Preventive Medicine and  
Public Health  
Plan B without thesis

DAVID ALEXANDER REID  
B.S. '36, Kansas State College  
Major, Plant Genetics  
Minor, Plant Pathology  
Thesis, A Study of the Inheritance  
of Seedling and Mature Plant Re-  
action to *Puccinia graminis tritici*  
in a Cross of Wisconsin No. 38  
x Peatland Barley

## MASTER OF SCIENCE

### *In Psychometrics*

JEAN MARGARET CALLAHAN  
B.A. '36, University of Minnesota  
Major, Psychology  
Minor, Sociology  
Thesis, The Effect of Practice on  
Mean Scores on the Unit Scales  
of Aptitude

## MASTER OF SCIENCE

### *In Chemical Engineering*

HAROLD DAVID VAN WAGENEN  
B.Ch.E. '36, University of Minnesota  
Major, Chemical Engineering  
Minor, Physical Chemistry  
Thesis, Binary Alloy Plating Using  
Ammoniacal Solutions

## MASTER OF SCIENCE

### *In Mechanical Engineering*

HERALD KENYON PALMER  
B.S. '24, B.S. in E.E. '30, South  
Dakota State College :  
Major, Mechanical Engineering  
Minor, Mechanical Engineering (In-  
dustrial Engineering)  
Thesis, Photoelastic Study of Stresses  
in Spur Gear Teeth

## MEDICAL SCHOOL

### BACHELOR OF MEDICINE

†*with distinction*

MORRIS FRANK COHEN

### BACHELORS OF MEDICINE

CHARLES LEONARD ANDERSON	STANLEY BRYAN LINDLEY
CARL LUDVIG BIORN	JOHN CHARLES MICKELSON
ROGER JOHN BURKHART	WILLIAM WILMERDING MOIR, JR.
LORNE ALEXANDER CAMPBELL, JR.	MILAN VACLAV NOVAK
WILLIAM SAWYER EISENSTADT	ERNEST STERLING PALMERTON
DANIEL LOUIS FINK	OSLER LUTHER PETERSON
HAROLD JOSEPH FRANK	WENDELL GLADSTONE PETERSON
MARVIN JACOB GEIB	FREDERICK PAUL POPPE
OTTO LYMAN HANSON	LEONARD ROTHMAN
JOHN WOODROW JOHNSON	HARRY N. RUDIN
PAUL WESLEY KABLER	JOHN RICHARD SCHRODER
BERNARD NICHOLAS KARLEEN	ALFRED GUSTAV SHERMAN
CONRAD IMMANUEL KARLEEN	DONALD JAMES STUDER
LUCIAN NICHOLAS LANO	CHARLES BISHOP WILL
EVREL ARTHUR LARSON	DONOVAN GEORGE WRIGHT

### DOCTORS OF MEDICINE\*

JOHN HENRY ALDES	LOYD C. GILMAN
LOUIS ALFRED BENESH	HARALD MARTIN GRANING
WILLIAM O. CLARKE	LYLE JOSEPH HAY
LUTHER FOREST DAVIS	ELWYN RAYMOND HUDEC
RAYMOND LIVINGSTON ECK	PAUL WESLEY KABLER
NILS ARTHUR FRANZEN	THOMAS JACKSON KENYON

† Candidates graduating with honors are identified by differentiated shoulder insignia.

\* These degrees are conferred subject to the satisfactory completion of hospital internship within one month.

LEWIS ARTHUR KNUTSON  
SHELDON KOFF  
ROBERT SISSON LEIGHTON II  
LINUS FREDERICK LEITSCHUH

FRANK JOSEPH RIGOS  
ANTHONY A. SCHMITZ  
CLIFFORD THEODORE WADD  
THEODORE SAUL WITTELS

## GRADUATE SCHOOL

### MASTER OF SCIENCE

#### *In Ophthalmology*

HENRY LEONARD BIRGE  
B.A. '30, Dartmouth College  
M.D. '33, University of Pennsylvania  
Major, Ophthalmology  
Minor, Pathology  
Thesis, Epithelioma of the Eyelids  
and Conjunctiva

### DOCTORS OF PHILOSOPHY

REINER BONDE  
B.S. '22, University of Minnesota  
M.S. '26, University of Maine  
Major, Plant Pathology  
Minor, Entomology  
Thesis, A Study of Blackleg and  
Seed-Piece Decay in the Irish  
Potato  
Major Adviser, Prof. J. G. Leach

WILLIAM SAMUEL CARLSON  
B.A. '32, Macalester College  
Major, Psychology  
Minor, Educational Psychology  
Thesis, Further Studies in Expres-  
sive Movement  
Major Adviser, Prof. D. G. Paterson

CONSTANCE MARY McCULLOUGH  
B.A. '32, Vassar College  
M.A. '33, Butler University  
Major, Education  
Minors, Mathematics and Biometry  
Thesis, Prediction of Success in the  
School of Dentistry at the Univer-  
sity of Minnesota by Means of  
Tests and Certain Other Factors  
Major Adviser, Prof. H. R. Douglass

JOHN WESLEY NELSON  
B.S. '25, M.S. '31, University of  
Minnesota  
Major, Biochemistry  
Minor, Bacteriology  
Thesis, A Study of the Nutritive  
Value of Fresh-water Plants  
Major Adviser, Prof. L. S. Palmer

LOIS COATES SELERS  
B.S. '29, University of Manitoba  
M.S. '33, University of Minnesota  
Major, Biochemistry  
Minor, Physiological Chemistry  
Thesis, Properties of the Proteins  
Resulting from the Thermal Frac-  
tionation of Glutenin  
Major Adviser, Prof. C. H. Bailey

JOSEPH CLEMENT SHAW  
B.S. '30, Iowa State College  
M.S. '33, Montana State College  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, Blood Composition and Milk  
Secretion  
Major Adviser, Prof. W. E. Petersen

SAMUEL HOLLISTON THOMPSON  
B.S. '14, University of Minnesota  
M.S. '23, Iowa State College  
Major, Agricultural Economics  
Minor, Economics  
Thesis, Economic Trends in the  
Marketing of Iowa Livestock  
Major Adviser, Prof. O. B. Jesness

EARL WEAVER  
B.S. '13, Oklahoma Agricultural and  
Mechanical College  
M.S. '17, Iowa State College  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, Physiological Factors Affect-  
ing Milk Flavor with a Considera-  
tion of the Validity of Flavor  
Scores  
Major Adviser, Prof. W. E. Petersen

# University of Minnesota

SIXTY-SIXTH  
ANNUAL COMMENCEMENT

1938



THE STADIUM  
MONDAY EVENING, JUNE THIRTEENTH  
AT EIGHT-FIFTEEN O'CLOCK



## ORDER OF EXERCISES

ACTING PRESIDENT GUY STANTON FORD, Presiding

### PROCESSIONAL—

Coronation March from “Le Prophète” - - - *Meyerbeer*

UNIVERSITY CONCERT BAND  
GERALD R. PRESCOTT, *Conductor*

### INVOCATION

THE REVEREND JOHN WALKER POWELL, '93, D.D.  
Special Lecturer, General Extension Division  
University of Minnesota

### HYMN—“America”

My country! 'tis of thee,  
Sweet land of liberty,  
Of thee I sing;  
Land where our fathers died!  
Land of the Pilgrims' pride,  
From every mountain side  
Let freedom ring!

Our fathers' God! to Thee,  
Author of Liberty,  
To Thee we sing;  
Long may our land be bright  
With freedom's holy light;  
Protect us by Thy might,  
Great God, our King!

### CHARGE TO THE CLASS

GUY STANTON FORD, Ph.D., LL.D., Litt.D.  
Acting President of the University of Minnesota

MUSIC—The Magic Fire Scene from “Die Walküre” - *Wagner*

UNIVERSITY CONCERT BAND

## CONFERRING OF DEGREES

Acting President GUY STANTON FORD, Ph.D., LL.D., Litt.D.

(*Selections played by the Concert Band as candidates march to the platform*)

Pomp and Circumstance No. 1	- - - - -	Elgar
Three Dances from Henry VIII	- - - - -	German
Peer Gynt Suite	- - - - -	Grieg
Morning, Noon, and Night in Vienna, Overture	- - - - -	Suppe
Martha, Overture	- - - - -	Flotow
Raymond, Overture	- - - - -	Thomas
William Tell, Overture	- - - - -	Rossini
Selections from Hiawatha Suite	- - - - -	Coleridge-Taylor
Selections from Scenes Pittoresque	- - - - -	Massenet
March Militaire No. 1	- - - - -	Schubert
Blue Danube Waltzes	- - - - -	Strauss
Hungarian Dance No. 5	- - - - -	Brahms
Introduction to Act III, Lohengrin	- - - - -	Wagner
Komm, süsßer Tod	- - - - -	Bach
March Pontificale	- - - - -	Gounod
March and Procession from the Ballet, Sylvia	- - - - -	Delibes
Manitou Heights, March	- - - - -	Christiansen
Under the Double Eagle, March	- - - - -	Wagner
Stars and Stripes Forever, March	- - - - -	Sousa
Sempre Fidelis, March	- - - - -	Sousa
Bridal Song from the Rustic Wedding	- - - - -	Goldmark

## SONG—"Hail, Minnesota"

Minnesota, hail to thee!	Like the stream that bends to sea,
Hail to thee, our College dear!	Like the pine that seeks the blue!
Thy light shall ever be	Minnesota, still for thee
A beacon bright and clear;	Thy sons are strong and true.
Thy sons and daughters true	From thy woods and waters fair,
Will proclaim thee near and far;	From thy prairies waving far,
They will guard thy fame	At thy call they throng,
And adore thy name;	With their shout and song,
Thou shalt be their Northern Star.	Hailing thee their Northern Star.

## TAPS

The academic procession is led by the University Marching Band

# CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the spring quarter, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

## GENERAL EXTENSION DIVISION

Candidates presented by Richard R. Price, Ed.D., Director of University Extension

Marshals: CAROL MILLER                      MARY PETROVICH

## CERTIFICATES IN BUSINESS

ROBERT RICHARD GIRK                      JOHN J. SCHLENK  
EVA P. TAYLOR

## CERTIFICATE IN ENGINEERING

EARL J. JOHNSON

## CERTIFICATE IN JUNIOR COLLEGE

LLOYD J. BRITT

## SCHOOL OF DENTISTRY

Candidates presented by William F. Lasby, B.A., D.D.S., F.A.C.D., Dean of the School of Dentistry

Marshals: ELIZABETH A. McVEAN      MABEL E. PEARSON

## GRADUATE DENTAL HYGIENISTS

ELEANOR RUTH ADAMS	MARGARET MARY KRINBRING, A.S.
MYRTLE CECILIA ANDERSON	PATRICIA LOUISE MAGOON, A.A.
ZOE BESTICK	ELISABETH DAMM McINNES
HELEN MAGDALENE BROULLIRE	MARVA MORRIS
AUDREY WINIFRED CARLSON	MARGARET LUCILLE MURPHY
COYLA MARGARET CLAUSON	ADELINE NORMA NAFTALIN
GRETTA MINNIE CORNISH	IRENE JENNET O'CONNOR
LILLIAN OLIVE DAHL	LILA MARIE PETERSON
EDYTHE DOROTHY GALINSON	MARTHA LEE RANDALL
LA FERNE HULSEMAN	JEANETTE RUTH SCHWARZ
ELNA CLARIS JOHNSON	GENEVIEVE IRENE SMYTH
LOIS LORRAINE JOHNSON, A.A.	ANNA JEAN STEWART
	FLORENCE FRANCES TONRICH, A.A.

## GENERAL COLLEGE

Candidates presented by Malcolm S. MacLean, Ph.D., Director of the  
General College

Marshals: WALLACE S. BRAGG                      DOROTHEA C. REGELSBERGER

## ASSOCIATES IN ARTS

DOROTHY JEAN ANDERSON	BEN LONNIE LIMAN
ROSE APPLEBAUM	GILMORE JOHN PETER LUNDQUIST
HAROLD OREN ARBOGUST	LESTER MACLEAN
ROBERT KANE BAKER	ROSLYN MALINSKY
LAURENCE MERRITT BEARMAN	CORA MOEN
LOIS JEANNE BERGER	JACK WOODROW MORTON
JAMES HINDS BOYD	EDITH ALMA NELSON
FLORIAN ANTHONY BUGNI	WALTER IAN NICHOLS
SPENCER FREDERICK CASE	GUNHILD LINDQUIST OSTROOT
RUTH LEONE CHRISTOPHERSON	HARVEY ALBERT PEARSON
ALBERTA LORRAINE COULTER	DOROTHY MAE PENFIELD
GARALDEAN FRANKIE CROSBY	MARTIN LOGAN PETERSON, JR.
STERLING M. DAVIS	SHIRLEY JEANNE PETERSON
DONALD HOLMQUIST DOBIE	LOWELL BENTLEY RAWSON
JAMES MELBY FELIX	GRACE VIRGINIA ROAN
EUGENE RICHARD FIRMINE	AVIS VIVIAN RUSS
JANE KEMLER FOSTER	WILLIAM ANDRESEN SCHMIDT
HELEN LOUISE GORDON	RUPERT A. SCOTT
ROY WOODWORTH HAMMOND, JR.	LUCILLE ANNETTE SELTZER
HOPE MARIE HIGGS	SHIRLEY HELEN SHAPIRO
HERMAN ZACK HIRSCH	IRENE ZELLA SHINE
KEU CHANG HO	CELIA TILLOTSON SHRYOCK
EVELYN HOBERMAN	RAZEL SILVERMAN
WILLIAM STUART HOLM	JESSIE C. E. STRANGER
JOHN LEWIS HUDSON	JANET MARIE TAUBE
GRACE SCHAEFER HUNSINGER	LESLIE EUGENE WESTIN
CARLYLE DWIGHT JACOBSON	EARL HOBART WETHERBEE
JUNE DOROTHY KAHLER	DOROTHY MARIE WHEELock

JEAN IRENE WORK

## MEDICAL SCHOOL

Candidates presented by Katharine J. Densford, R.N., M.A., Director of the  
School of Nursing

Marshals: ENA M. BURDINE                      ELSIE I. GABE

## GRADUATES IN NURSING\*

DOROTHY LOUISE ANDREWS	MARGARET JANE KUNDERT
FLORENCE MABEL BELTT	LAURA FIDELIA LAWSON
HELEN BLOM	ANN GLADYS LOKKEN
PATRICIA KATHLEEN BURCHILL	LINA LOUISE LONSON
ESTHER ADELE CARLSON	DOROTHY ANN LOVAAS
ROBERTA BURNS CLAPPER	SYLVIA MAE MARSHALL
DOROTHY ALICE DAHLQUIST	JEANETTE MARIANNE McDONALD
FLORENCE ENGBRETSON	AIMEE LUCILLE NORBERG
ELSIE MARTHA ENGLUND	PHYLLIS ODEGARD
DOROTHY MAE ERICKSON	ELIZABETH ILAH PETERSON
LOIS EVELYN FROELKE	LUELLA R. PETERSON
RUTH ELIZABETH GILLESPIE	FLORENCE LOUISE RANDALL
JANE CAROLINE GOULD	HELLEN ELIZABETH RAYNER
MARJORIE IRENE GOURLEY	KATHRYN IDA SALO
NORMA MAE GREENWALD	EDITH FLORENCE SEWRIGHT
ELEANOR LEONA HALL	KATHRYN MURIEL SMITH
BETTY HASTINGS	BURNECE ELAINE SORBY
DOLORES LUCILLE HAUGLAND	ESTHER LILLIAN STENSLIE
FLORENCE EVELYN HEGDAHL	EMILY LOUISE STOEHR, B.S.
MARION LUCILLE HICKS	JEANETTE MARIE TALBERG
RUTH CAROLINE HODUM	HELEN EWING THOMPSON
BETTY HRUZA	MAVIS AVENELE TORGERSON
EVELYN HUDSON	ELOISE MARJORIE WANGSNES
RUTH ANN JOHNSON	MARY MAXINE YUNKER
EVELYN ALBERTHA KELLER	KATHRYN LOUISE ZAUCHE
	ANNA MAE ZIEGLER

## DEPARTMENT OF MILITARY SCIENCE AND TACTICS GRADUATES OF THE MILITARY DEPARTMENT WHO ARE AWARDED COMMISSIONS IN THE OFFICERS' RESERVE CORPS OF THE UNITED STATES ARMY

Candidates presented by A. E. Potts, Lieutenant Colonel, Coast Artillery, U. S. A.

### *Second Lieutenant, Coast Artillery Corps*

WILLIAM ALBERT ANDRES	ROBERT JOSEPH BLOTCKY
MERLIN CLIFFORD ANNETT	JOHN ROBERT BRUCE, JR.
CHARLES WRIGHT AREND	ROBERT RUDOLPH BURNS
JOHN BARRY BEATSON	DONALD NORMAN CEREFICE
HAROLD RUSSELL BEEMER	WESLEY ALEXANDER COULTER, JR.
CHARLES VINCENT BERGER	JAMES EUGENE DAVIDOFF
CARL RANDELL BERGMAN	KEITH WESLEY DECH
JOHN WOLF BERKEY	PAUL LEWIS EARLE

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to December 15, 1938.

RALPH ERNEST EISELE  
RICHARD MATHEW GIEFER  
KIRBY DONALD GOLDBLUM  
KENNETH STERLING GUETZKE  
ROBERT WEST HATCH  
CLINTON FREDERICK HEGG  
WILLIAM EUGENE HOLTON  
WALTER RONAN HONEBRINK  
DARRELL JAMES INABIT  
ALBERT JOSEPH LAUER

GUNNAR RIBER LIE  
DOUGLAS BROOKS MURRAY  
ROBERT EARLE NICHOLS  
EVERETT VINSON PETERSON  
KENNETH WILLIAM PERSON  
JOSEPH JAMES PRESTON  
ISADORE SHAPIRO  
CHESTER HOWARD TUCKER  
JAMES WILLIAM WEBSTER  
JOHN ALBERT WHITE

JESSE FREDERICK WRIGHT

*Second Lieutenant, Infantry*

FRANCIS JOHN WALTERS

*Second Lieutenant, Chemical Warfare Service*

GORDON WOODROW JOHNSON

*Second Lieutenant, Signal Corps*

FRANCE ORWIN ANDERSON  
ROBERT SHELEY AUTEN  
MAURICE ADAMS BRONER  
GEORGE KIRKWOOD CULBERTSON  
KENNETH LAVERNE DUNNING

JAMES PARRY MORRIS  
WAYNE O. OSMUNDSON  
OMAR LEROY PATTERSON  
EDWARD CHARLES SPETHMANN  
WARREN LEONARD WALEEN

*Second Lieutenant, Ordnance Department*

RICHARD ALBERT HENNING  
RALPH JOHN MULLER

MARVIN REDLIN WALL  
ALBERT JAMES WIDMAN

**COLLEGE OF SCIENCE, LITERATURE,  
AND THE ARTS**

Candidates presented by John T. Tate, Ph.D., Dean of the College of Science,  
Literature, and the Arts

Marshals: ROBERT EDDY

FRANCES M. HEALY

**BACHELORS OF ARTS**

† *summa cum laude*

SPENCER WHARTON BROWN  
ELIZABETH FLORENCE COLSON  
CHARLES HILL DU TOIT

JOHN SNODGRASS HARDING  
JOHN WEBSTER KIRKLIN  
CAROL TURNER

MARGARET ALICE WEBSTER

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELORS OF ARTS

†*magna cum laude*

CHARLOTTE GENESTE ANDERSON	JAMES THOMPSON McMILLAN, III
RALPH FREIMUTH BERDIE	MARIS McQUARRIE
NORA BODDY	LEROY SORENSON MERRIFIELD
ALBERT CANFIELD	THOMAS PRESTON MOORE
BLANCHE REBECCA EWALD	ALICE ELIZABETH PASS
NATHAN GEWIRTZ	MARY LUND RICE
SEBA RUTH HARRIS	EDWIN ROTHMAN
SELMER MARTIN JOHNSON	BETTY JEAN SWANSON
ARDIS KAPLAN	DOROTHY LOUISE WHITNEY
JOHN ANDREW McEACHRON	EVELYN ETHEL WHITNEY

ERMAL VIA VANCE

## BACHELORS OF ARTS

†*cum laude*

LEONARD S. ABRAMSON	RUSSELL LEROY NELSON
ANNA FREDA BERNSTEIN	HAROLD PEPINSKY
MILES JEROME BREDVOLD	OLIVIA PETRELL
LAURIE LAMPMAN CAVANAUGH	DANIEL FRANCIS RICHFIELD
JOSEPH FEDER COHEN	MERRILL J. ROBERTS
IRWIN GOLDENBERG	WILLIAM FERRIS ROUNDS
THOMAS DIXON HANSCOME	JULIAN DEHART SERRILL, JR.
ALMA BOTHILDE JOHNSON	AUDREE SILBERMAN
ELINOR MARIE JOHNSON	MARY ELLEN SMITH
RICHARD G. KENDALL	MILFORD ADOLF SUTHERLAND
ANDIE LEONARD KNUTSON	EUNICE TORGERSON
VERTONE CHARLES LUKONE	MARGARET VAN DE ERVE
GEORGE EDMOND MONTGOMERY, JR.	BEATRICE VERTELNEY

EDITH WEST

## BACHELORS OF SCIENCE

†*cum laude*

EVA MAY BENGSTON	JOSEPH STANLEY KOMIDAR
GORDON JOHN HAROLD BERG	LUCILLE MOURER, B.A.
HELEN ROSEMARIE CIRESE	HAROLD E. RENQUIST, B.A. <i>cum laude</i> ,
EDITH DAVIS	M.A.
MARY ELIZABETH HITCHINGS	MILDRED SIMONTON, B.A.
ELLSWORTH	GEORGE WATSON WOMACK, JR.

JOAN ELIZABETH ZAUN

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## BACHELORS OF ARTS

HOWARD MCKINLEY ADAMS  
VIRGINIA SMITH ADAMS  
BERNICE MARIE ANDERSON  
D. JANE ANDERSON  
ROBERT MARLOND ANDERSON  
WILLIAM GROVE ANDREWS  
ALONZO GOOD ATKIN  
ANDREW STAVENS AWES  
MARTHA BURR BATES, A.A.  
SIDNEY FORBES BECKER  
GEORGIA EVELYN BENGTSON  
HELEN LOUISE BENHAM  
BONNIE JANE BERGER  
CLAIR ANTHONY BERNARD  
WILLIAM EDWIN BEST  
FELICIE CHARLOTTE BEVERNICK  
HOLTON EUGENE BLOMGREN  
GEORGE HARVEY BLUM  
MARGARET GRAVEL BOERNER  
EDWARD HOPKINS BOWEN  
MARGARET BOYLE  
ADE CARL BOYSEN  
SYLVIA BRASSETT  
JEAN CLARENCE BROEREN  
WILLIAM W. BROWN  
MARJORIE ESTHER BRUCE  
EILEEN ROSEMARY BURDICK  
RICHARD MAYHUGH BURGESS  
EDWIN CARL BURKLUND  
LUELLE VIOLET CALEEN  
JOHN DAVID CHISHOLM  
MARJORIE PAULINE CHRISTENSEN  
LILLIAN LINDBERGH CHRISTIE  
RUTH PALMER CONFER, A.A.  
JOHN PRESTON COOPER  
JOHN PATRICK CRONIN  
DONALD LORENZO DAVENPORT  
IRVING GILMAN DAVIS, JR.  
ALFRED HERBERT DEBUHR  
PHYLLIS CATHERINE DOLAN  
ROBERT FAULDS DUGAN  
PAUL HAROLD ENGSTROM  
CURTIS LORRAINE ERICKSON  
JOHN WALLACE ESSER, JR.  
SEYMOUR IRVING FELDMAN  
MARK ALOYSIUS FORGETTE  
EDWARD JAMES FORTIER  
MARJORIE ALICE FOSSUM  
HELYNE REMINGTON FRANKLIN  
JEANNETTE LOUISE FRIEDLAND  
WILLIAM DONALD FRISSELL  
HOWARD MARTIN FRYKMAN  
ELSA EVELYN GAFVERT  
EILEEN GALLAGHER  
MAY SOLVEIG GALLSTROM  
GENEVIEVE AURELIA GANS  
NORMAN ALBERT GESKE  
HENRY GINSBURG  
ALFRED CHARLES GODWARD  
IRVING JEROME GOLDBERG  
EUGENE H. GOODMAN  
MANUEL GOTTLIEB  
WILLIAM THOMAS GRAHAM, JR.  
JOHN CARTON GRANT  
BETTY DEAN GREENLEE  
DONALD SYDNEY HAARSTICK  
HUGH VINCENT HAGSTRUM  
SAMUEL AARON HALPERN  
CARL INGER HAMMER  
GENEVIEVE HAWKINSON  
AUDREY ABBOTTS HEFTE  
JEAN FRANCES HEGEL  
MILDRED EVELYN ELIZABETH HELMER  
CARL NORTON HENSEL  
MARCUS DUDLEY HILKER, A.A.  
FRANK JOHN HIRSCHBOECK  
LOIS HOAG  
MARGARET MELISSA HOFACRE  
JEAN HOIDALE  
STANLEY ROBERT HOLM  
GRETCHEN ISABELL HOLSEY  
MARTIN HOROWITZ  
GRAHAM BILLINGS HOVEY  
ROBERT FREEBURY HUBBARD  
JAMES BYRON HUSTAD  
FORREST BLAINE JENSTAD  
FALSUM V. JOHNSON  
KATHRYN ELENORE JOHNSON  
MANLEY JOHNSON, JR.  
OWEN LYON JOHNSON  
RALPH FERDINAND JOHNSON  
TALBOT JONES



HELEN PHOEBE JUDD  
CONSTANCE HARRIET KAUFMAN  
SAM WILLIAM KEIL  
CURTIS BRADBURY KELLAR  
JOHN PATRICK KELLY  
MELVIN KIEFFER  
JAMES BAIRD KINDLER  
MELLEN AUBREY KNIGHT  
W. WYMAN KOONS  
SAM KORITZ  
MAJEL KRIESE  
ALICE MARIE LALIBERTE  
JULIUS LANGMAN  
LEO JULIUS LAPPIN  
PHINNEY ORLANDO LARSON  
ROBERT EDMOND LEBLOND  
VIRGINIA ANN LOECHLER  
MARY JANE LORIMER  
JAMES BERTRAM LUND  
LOUIS HAROLD LUNDQUIST, A.A.  
JEAN MALEY  
JEANNE MALLETTE  
HAROLD MARGULIES  
ROBERT ALEXANDER MARSHALL  
ALLI BETTY MARTTILA  
LESTER MATHES  
LAURA CLURE MCKENZIE  
DOUGLAS R. MENZ  
FREDERICK GEORGE MINERS, A.S.  
WILLIAM LOUIS MINKOWSKY  
WILLIAM FAIRBAIRN MONTGOMERY  
BETTY K. MOORE  
DEISS EDWARD MUFFITT, JR.  
DOROTHY MAE NELSON  
FRANKLIN OLIVER NELSON, B.Th.  
MURIEL ELIZABETH NELSON  
VERNON DANIEL OGREN  
EDNA DOROTHEA OLSON  
SAMUEL M. ORENSTEIN  
SEYMOUR VERLYN PEDERSON  
BARBARA CORNING PHILLIPS  
LULA DOROTHY PLACHTE  
ROBERT EDWARD PRYOR  
MARTIN PETER QUIGLEY

DOROTHY ELIZABETH RAMSEY  
JAY J. RICHTER  
IRVIN ROSE  
MARTHA LUCILE RUBIN  
JOSEPH BURTON SALTER  
HILDA LARSON SCHADEGG  
ROBERT ANTHONY SCHANKE  
MONICA MARIANNE SCHISSEL  
ROSALYN SHULOME SCHMILOVITZ  
JUNE ISOBEL SCHULZE  
ELIZABETH LOUISE SHAW  
RUTH CAROL SOLAN  
ROBERT BYRON SOLOMON  
WILBUR L. SOULE  
JOHN ROBERT STEWART  
DENCIL VIRGINIA STOCKMAN  
CLARENCE JOHN STOLT  
MURIEL ELEANOR STOWE  
JOSEPH ERNEST STRONG  
HOWARD MATTHEWS STUART  
ELLEN FLORENCE SULLIVAN  
MARION LUCILLE PAULINE SWANSON  
ELIZABETH ANN SWENSON  
ARNOLD TAYE, D.D.S.  
BESSIE ROSE TENNEY  
NATHANIEL EDWARD THIEL  
ARTHUR BOYD THOMES  
LUCIEN ORRIN THOMPSON  
ELEANOR LOUISE TONRICH  
MARY FRANCES TUCKER  
ROGER BERNARD VERRAN  
FRANK JOHN WARNER  
MARION WELLS  
ROY HERMAN WESTMAN  
JOHN ZADOK WHEELER  
RICHARD HENRY WHITMORE  
KENNETH WIEMAN  
MARGARET MARY WILDER  
ROGER ALLAN WILLIAMS  
VIVIAN WITT  
AVIS BARBARA WRIGHT  
DOROTHY LOUISE YEATS  
MURIEL OLIVE YETTER  
ELIZABETH NOREM YLVISAKER

## BACHELORS OF SCIENCE

MARY ALMAS, B.A.	BERNHARDT CHARLES ALMEDIS JOHNSON
ELEANOR EMMA ANDERSON	BETTY JONES
HAZEL APPLIGATE, B.A., M.A.	WILLIAM ERNEST JUNKERT, B.A.
CORA MARIE BELISLE, B.A.	HELEN ELIZABETH KELLY
ALTA BELLERUD	PAULINE LEVONE KOZBERG
MARCELLA MARY BLATZHEIM, B.A.	HELEN ANDREA LEE
MARY OLIVE BOONE, A.A.	PHYLLIS AILEEN MAHON
GWENDOLYN JEAN BOVEE	NETTIE AGNES MEHNE, B.A.
BERTHA BROOKS	IJAIN R. MELTZER, B.A.
BETTY BROWN	ELEANOR H. MISKOWITZ
IRMA MARGARET BROWN	LEONA MAE MITCHELL, B.A.
JEAN CAROLINE CASHMAN	PHILIP S. MOE
JOHN DOW CHAPMAN, B.A.	JEAN MAE NELSON
MARGARET ELEANOR CHRISTIE	MARY JANE NORDLAND
MARGY VIRGINIA CLAY	MYRA ADELLE OBERSCHULTE
PHYLLIS VIRGINIA CROSS	MARGARET BERNICE OLSON
JUNE SUMMERS DAY	LEMOYNE A. PERRY, B.E.
MARY LESLIE DYAR, B.A.	CARL GEORGE PETTIJOHN
JAMES VINCENT EKHOLM, B.A.	MARY PHELPS PUTNAM
MARTHA LORAIN ERICKSON, B.E.	HELEN ANN ROCHLIN
CHARLOTTE NAOMI FARSHT	MARGARET ELIZABETH ROLL
SARA KATHRYNE FERGUSON, A.A., B.A.	BARBARA CATHERINE ROOME, B.S.
DORIS ROWE FREEMAN	DONNA MARIE ROSEBROCK, B.A.
FLORENCE WILMA FRICKE	FRANCES JOSEPHINE RUSH
BERNICE GARDNER	ELIZABETH GRETCHEN SEIDL
F. ADELAIDE GEE	MABETH KATHERINE SKOGMO
MARJORIE PAULINE GILE, B.A.	MARGRETTA MAY SMITH, B.A.
MARY LILLIAN GORDON, B.A.	MARGIE ANN SORNSON, B.A.
MARGUERITE GERALDINE GREEN	IMOGENE VIVIAN VELINE
CLARICE MARIE GUSSMAN	MARJORIE ANN VERTIN
ELSA KATHARINE HAMMARI	HELEN JAY WELLMAN, B.A.
ADELAIDE CAROLINE HILL, B.A.	SHIRLEY ANN WHITE, B.A.

## INSTITUTE OF TECHNOLOGY

Candidates presented by Samuel C. Lind, Ph.D., D.Sc., Dean of the  
Institute of Technology

Marshals: BLAINE C. MCKUSICK

KENNETH E. SORENSEN

## BACHELOR OF AERONAUTICAL ENGINEERING

†with high distinction

GOODWIN ROY LUCK

† Candidates graduating with honors are identified by differentiated shoulder insignia.

BACHELORS OF ELECTRICAL ENGINEERING

†*with high distinction*

HOWARD LESLIE DANIELS

LLOYD LEE ENGLISH  
GORDON MELVIN LEE

BACHELOR OF MECHANICAL ENGINEERING

†*with high distinction*

ALFRED ANDREW ANDERSON

BACHELORS OF CHEMISTRY

†*with high distinction*

ELIAS AMDUR

HENRY WAYNE ANDERSON  
WALTER JOSEPH GENSLER

BACHELORS OF CHEMICAL ENGINEERING

†*with high distinction*

GEORGE PIERCY

ISADORE SHAPIRO

BACHELOR OF AERONAUTICAL ENGINEERING

†*with distinction*

HAROLD CHARLES SCHMIDT

BACHELORS OF CIVIL ENGINEERING

†*with distinction*

ELWOOD LAWSON MCGEE

MARK WALDEMERE OLSON  
KENNETH WILLIAM PERSON

BACHELORS OF ELECTRICAL ENGINEERING

†*with distinction*

LENNARD WALTER JOHNSON  
NORMAN C. MILLER

OMAR LEROY PATTERSON  
LEON ERNEST SABINE, JR.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELORS OF MECHANICAL ENGINEERING

†with distinction

SHERMAN WILLIAM FINGER

HARLEY ROLAND HUGHES

## BACHELORS OF CHEMISTRY

†with distinction

ROBERT LEONARD EVANS

EUGENE LYLE HESS

EMIL FATTU

JOSEPH ASHER SPRUNG

HILMER ERNEST WINBERG

## BACHELORS OF CHEMICAL ENGINEERING

†with distinction

CHARLES RUSSELL MICKELSON

ALDRICH SYVERSON

WILLIAM RICHARD TRUTNA

## BACHELORS OF AERONAUTICAL ENGINEERING

DONALD OTTO BENSON

HAROLD REINERT LARSEN

CHARLES EUGENE BODEY, JR.

CARL JAY LICHTER

THEODORE DANIEL BRISSMAN

THEODORE ERLAND LILLEMØE

ROBERT RUDOLPH BURNS

BERTIL HERBERT THORSTEN LINDQUIST

WESLEY COULTER

JACK BERNARD MACE

GEORGE ALLEN DEAN, JR.

ROBERT WILLIS MOORE

HERBERT JOHN HOFFMAN

LOYD WESLEY NELSON

GEORGE EDWARD HURD, JR.

JACOB CHARLES SCHMID

LEONARD RUDOLPH JOHNSON

ROBERT JOSEPH SCHOONMAKER

WALTER VINCENT JOHNSON

ROBERT WILLIAMS WAGNER

RANDALL WILLARD KIRK

MARVIN REDLIN WALL

PETER SELMER KLEVEN

DAVID EDWARD WEEKS

## BACHELORS OF AGRICULTURAL ENGINEERING

STANLEY ANTON BALIK

RAYMOND THOMAS McVEETY

## BACHELORS OF CIVIL ENGINEERING

CHARLES EASTMAN ARNOLD

WILLIAM HENRY BENNETTS

ROBERT BUTLER ASLESEN

HERBERT EVANS BROWN

CARROLL HENRY BARAGER

JAMES E. DAVIDOFF

JOHN THOMAS BARBER

JOHN CORTLANDT ELLISON

† Candidates graduating with honors are identified by differentiated shoulder insignia.

ROBERT EDWIN ERICKSON  
ERLING OLAF JOHAN HELLAND  
CHARLES BRODERICK HUNTLEY  
EDWIN ARNOLD KAPERNICK  
ROBERT IRVING KELLUM

HEIMO JOHN KORTE  
WADE WADSWORTH LARKIN  
DAYTON THOMPSON NYSTROM  
RICHARD NELSON OHMAN  
JACK STEPHEN RICHMOND

CLEMENT FRANCIS SCULLEY, JR.

## BACHELORS OF ELECTRICAL ENGINEERING

IRVING LOWELL BRYDAHL  
CHARLES MATTHEW BURNS  
ROBERT RICHARD CHRISTOFF  
ROY EDWARD COLANDER  
LUTHER WEBSTER COUILLARD  
ROBERT CARL DE WAHL  
RICHARD THOMAS DOWNEY  
KENNETH LAVERNE DUNNING  
ROBERT KEITH ERDMANN  
DONALD HENRY ERICKSON  
PETER MALCOLM FERGUSON, JR.  
FLOYD LOUIS FREDERICKSON  
DONALD ROBERT GIMSE, A.S.  
LYLE KENNETH HANSON  
DALE H. HASWELL  
IRVING ISADORE HELD  
ALBERT JOHN HENDRY  
HUGO ALFRED HESSE  
W. GOULD JOHNSON  
SIDNEY GORDON KELSEY

MERRILL HENRY KNOTTS  
ROY GEORGE KNUTSON  
EDWARD DONALD KORHONE  
EMMETT CHARLES KRIESEL  
JOHN HALE McMAHON  
ROBERT WILLIAM OLSON  
DONALD W. POLLEY  
OGDEN LEEWORTH PRESTHOLDT  
DONALD HAYDEN RAUDENBUSH  
THEODORE JAMES RITTER  
RALPH ARNOLD RUNDLE  
MELVIN LOUIS SACKTER  
HENRY CARLTON STENDERSON  
DONALD A. SUTHERLAND  
ARMON JOSEPH WALTERS  
WILLIAM B. WESTPHAL  
DAVID ELIOT WHITE  
LAWRENCE FREEMONT WILCOX  
ELWYN C. WILLIAMS  
MICHAEL YOKICH

EARL LAVERNE YOUNGREN

## BACHELORS OF MECHANICAL ENGINEERING

WILLIAM ALBERT ANDRES  
JOHN FRANK ANTHONY  
HOWARD CHARLTON BAER  
ROBERT NEALE BATEMAN  
MARVIN ABRAHAM BENNETT  
CONDIT JUDSON BEVIER  
ROBERT GEORGE BREDESON  
IRA ELMER BUCKHOLTZ  
ROBERT THOMAS BUCKLEY  
IRA CAPLE  
CLAYTON LOUIS CORNEABY  
JOHN GRIFFITH DAVIES  
RAYMOND GEORGE DAY  
ALFRED BEN DREHER

HARRY CLAUS ECKLAND  
GERALD ARTHUR FRIEDERICI  
LEO ANTHONY FUNKE  
JOHN HERBERT GERSTENMAIER  
CHARLES WENDELL GUPTIL  
HENRY RUDOLPH GUSTAFSON  
RICHARD ALBERT HENNING  
JOHN JOSEPH JUNGBAUER  
JAMES PHILIP KEMPER  
JOHN JOSEPH KORDISH  
ROBERT MASON KUPHAL  
NORRIS LANG  
ROBERT PHILLIPS MANLY  
RALPH JOHN MULLER

DANIEL VINCENT O'KEEFFE  
WILLARD ALBERT OLSON  
HAROLD EVERETT OSTDAHL  
ALLAN PAINE

RONALD ERNEST PFLEIDERER  
ZACHARY PITTS  
ASBJORN MAURICE SEVERSON  
STANLEY ROGER WALSTROM

EDWARD MARTIN WIIK

## BACHELORS OF ARCHITECTURE

VERNER JOHNSON  
JOHN RODERICK KELLAM

AMROSE LULUS MANION  
NORMAN MOSKOVITZ

## BACHELORS OF INTERIOR ARCHITECTURE

ROBERT FRY CALROW  
MARY ELIZABETH EMMEL

MARTHA CHARLOTTE HOLT  
MARVIN CYRUS JOHNSON

## BACHELORS OF CHEMISTRY

IRVING MELVIN ABRAMS  
ORVAL EVERETT ALSTAD  
PAUL HAWES BIDDISON  
CHARLES WILLIAM CARR  
MAX ELI CHILCOTE  
LOEMAN ALEXANDER HAMILTON

WARREN ARTHUR HANSON  
MILDRED IRWIN  
GORDON WOODROW JOHNSON  
JOHN J. MCBRADY  
DOROTHY MARION WISHNICK  
ETHEL LORRAINE WISHNICK

## BACHELORS OF CHEMICAL ENGINEERING

CHARLES VINCENT BERGER  
ARDELL JERVIS BERGVALL  
SIDNEY DALE BUMGARDNER, JR.  
PHILIP EBEL CARLSON  
CHARLES SAMUEL CONKLIN  
HAROLD WILLIAM CROMER  
ULYSSES DEGENER DETERS  
CARROLL JOHN DOBRATZ  
PAUL LEWIS EARLE  
WILLIAM ARTHUR ENDERSON  
VICTOR JOSEPH FADDEN  
PHILIP NIMMONS FAWCETT  
SHERMAN IRVING GINSBERG  
FELIX JOSEPH GLEASON  
GORDON GILBERT HALVORSEN  
SPENCER HOWARD HELLEKSON, JR.  
PETER HOFFMAN  
JOHN LEO HOLAHAN  
ROBERT VINCENT HOLTON

PAUL HILTON JOHNSON  
WILLIAM R. JONES  
LAUREN WALDEMAR KANNINEN  
ALBERT K. KOJOLA  
BJARNE LESTER LARSEN  
GALE EDWARD LIBBY  
ROBERT ALAN MACDONALD  
ROBERT GEORGE MERMAN  
VENCIL EMMETT O'DONNELL  
ROBERT C. OEN  
HENRY ALBERT OLSON  
ROBERT NORMAN PALMQUIST  
WILBUR LOWELL PATTON  
EDWIN KENNEDY PLANT  
WILLIAM MORRIS PODAS  
GEORGE JOHN RASCHKA  
GLENN CARL SCHILBERG  
JOHN ALBERT SCHMIDT  
RUSSELL JULIUS SCHWARTZ

VERNON GORDON SKOGAN  
WALTER JAMES SMOLEROFF  
GORDON EDISON STOLTZ  
CHARLES EWALT TAYLOR  
JUSTIN MATTHEW TUOMY

HOWARD ELLIOTT TURNER  
DON HOWER ULMAN  
ERWIN WILLIAM ULRICH  
ARVI WILLIAM WAHLROOS  
JESSE FREDERICK WRIGHT

The following candidates, Engineers of Mines, Engineers of Mines in Geology, Engineers of Mines in Petroleum, and Metallurgical Engineers, are absent from the city engaged in field work. Their degrees will be conferred *in absentia*.

### ENGINEERS OF MINES

LEWIS MILTON BECKER  
GLENN JOHN HELPS  
JOHN HOPE, JR.  
RODGER ALLEN HOVDE  
DONALD GUY McMULLEN

GEORGE STANLEY NEUBERG  
ROBERT THORVALD CLEMENT RASMUSSEN  
G. JAROLD RUDSER  
DONALD WOODROW SCOTT  
HERMON ALEXANDER WOODARD  
WARREN MORRIS WOODWARD

### ENGINEERS OF MINES

#### *In Geology*

PAUL JEAN FONTAINE  
ROBERT FLETCHER HODGMAN  
LLOYD ALAN LEWIS

ORVILLE GLEBE LUNDSTROM  
JOHN PEARCE MANNING, JR.  
JAMES WILSON SAVAGE

### ENGINEERS OF MINES

#### *In Petroleum*

RAYMOND JOHN DERVEY  
HUGH CLIFFORD RYAN

FRED HENRY SPEERS  
LEE JOHNSTAD THRONSON

### METALLURGICAL ENGINEERS

SAM MILLUNCHICK  
HOWARD OSCAR NORDQUIST

GILBERT ARTHUR NORTHFIELD  
VERNON CLAYTON ROBINSON  
RAYMOND WILLIAM SUNDQUIST

### COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

Candidates presented by Edward M. Freeman, Ph.D., Dean of the College of  
Agriculture, Forestry, and Home Economics

Marshals: ELDON A. BEHR

HAZEL M. MAHOOD

BACHELORS OF SCIENCE

†with high distinction

(Course in Agricultural Science)

RUSSELL L. WOLD

(Course in Forestry)

KERMIT W. MILLER

BACHELORS OF SCIENCE

†with distinction

(Course in Agriculture)

ROBERT EINAR NYLUND

HOWARD CHRISTIAN SORENSEN

(Course in Agricultural Science)

WILLIAM LOEGERING

TORSTI P. SALO, A.S.

(Course in Forestry)

ALLEN R. BATESON

EDWIN UNO SAARNIO

JAMES ALDEN BUSSEY

OMUND ALFRED SEGLEM

HARLOW WALDRON HALVORSON

JAMES BALLARD TAPLIN

ROBERT ALGER ZABEL

(Course in Home Economics)

CONSTANCE M. GILMORE

LAVERNE ANN LARSEN

ADA E. MOORE

BACHELORS OF SCIENCE

(Course in Agriculture)

CHESTER LEOPOLD AHLIN

ROLF ARTHUR PEDERSON

ARTHUR WILLIAM ANDERSON

MARSHALL SIDNEY PRATT

FRED HAROLD BERGGREN

JOSEPH JAMES PRESTON

HARVEY SYDNEY BOYUM

JOHN R. PROCTOR

CLIFTON ORVILLE LOWELLE GUSTAFSON

MILES GAYLORD ROWE

GLENN CHARLES GUSTAFSON

WALTER GEORGE RUPP

ROGER JOHN HOLMBERG

ROBERT WARREN SHARP

ELROY RAYMOND LUMB

GOODWIN JEROME SONSTEGARD

GRAYDON MUIR McCULLEY

CARL J. SWANSON, A.A.

PAUL VRUWINK

† Candidates graduating with honors are identified by differentiated shoulder insignia.



*(Course in Agricultural Science)*

ROBERT BLUM  
DAVID KIRN BOSSHARDT

MILTON WALTER LAU  
HARRY BROOKS NAYLOR

*(Course in Forestry)*

PHILIP CARL ANDERSON  
VINCENT MILLS ANDERSON  
EDWARD WILLIAM BERGSTROM  
EVERETT CARL BERGSTROM  
JOHN WOLF BERKEY  
RUDIE EDWARD BRAUER  
CLARENCE ALLWOOD COHN  
JOHN JOSEPH CONNOR  
KEITH DECH  
CALVIN L. DELAITTRE  
ROBERT E. DELEUW  
RAYMOND WILLIAM ELLSTROM  
HAROLD R. EMERSON  
WILLIAM JOSEPH EMERSON  
CHARLES RICHARD FREEMAN  
JOSEPH OTTO GJERTSON  
RICHARD HAMILTON GRUENHAGEN  
HOWARD T. HAGEN  
PHILIP CURTIS HAMM  
MARVIN HARMON  
DONALD J. HIGGINS  
ROBERT LAVERNE HILLER  
AXEL HUPPONEN

ARNE W. JUOLA  
EDWARD S. KAFKA  
FRANK GEORGE KALIN, A.S.  
RUSSELL WILLIAM KAUPPI  
WILLIAM GILBERT KEPMAN  
DAVID BYRON KING  
ROBERT CARL MARCH  
ROGER ROY MEACHAM  
JOHN STANTON MEAD  
GEORGE F. MUELLER  
LEONARD URHO NIEMELA  
ROBERT CARLTON NORD  
HERBERT CARL NORMAN  
ROBERT NEWTON PIERCY  
RAYMOND FRANCIS RITCHEL  
NORTON SCHMIDT, A.S.  
PHILIP MELVIN SCHROEDER  
EDWIN STANLEY SEDLACEK  
ROBERT SELOVER  
JOHN PERRY EINO SKARRA  
DODD KITCHENER WALKER  
RAYMOND JOSEPH WOOD  
RICHARD GUSTAVE ZIETLOW

*(Course in Home Economics)*

IRMA AHOLA, A.A.  
ELSA GRETCHEN BACH, A.A.  
ZORA ALICE BARRONS  
BEATRICE BARBARA BULL  
ROBERTA JANE BURBECK  
GERTRUDE JOHANNA CHALGREN  
LUCY JANE EDQUIST  
EVELYN AGNES GRAHAM  
BETTY BERNICE KLINGMAN  
MARIAN A. KRINKE  
ALICE LILLYAN LUNDIN  
MARY DOROTHEA MADISON  
NORMA MAXINE MAIR  
SOINI LINNEA MAKIVIRTA  
ENES CATHERINE MARINUCCI

WILMA LOUISE MILLER  
KATHRYN JOAN MINTON  
WINIFRED STEWART MOORE  
WILHELMINE PATRICIA MURPHY  
KATHERINE MARY NEUMANN  
LAVERNA DARLENE ORFIELD  
ADELINE VIOLET PAULSON  
MELISSA JEANNETTE ROBBINS  
DOROTHY LOUISE ROSENWALD  
ANNA MARIE SANDAHL  
GERALDINE SASSE  
LOIS IDELE SIEMEN  
KATHERINE R. SMITH  
THELMA HENRIETTA SOLIE  
HELEN ADELE STEINMAN

RUTH LOUISE WEAVER

COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS, AND COLLEGE  
OF EDUCATION

Candidates presented by Edward M. Freeman, Ph.D., Dean of the College of  
Agriculture, Forestry, and Home Economics

Marshals: ELDON A. BEHR

HAZEL M. MAHOOD

BACHELOR OF SCIENCE

†with high distinction  
(Course in Agriculture)  
ROLAND HAROLD ABRAHAM

BACHELORS OF SCIENCE

†with distinction  
(Course in Agriculture)  
ALOIS RUDOLPH SCHMID

(Course in Home Economics)

JEAN ELIZABETH CORSER

FRANCES EMMA ERICKSON

LOIS JANE NYQUIST

BACHELORS OF SCIENCE

(Course in Agriculture)

IGNATIUS CLEMENT BRADY

CHARLES FRANK MALOVRH

ALBERT JUDSON BYRAM

LEO F. MURPHY

OSWALD ARTHUR DAELLENBACH

SULO JOHN OJAKANGAS

OLMAN HEE

WILLIAM GEORGE STEUBER

WILLIAM HENNY HOUSE

LEONARD R. SULLIVAN

LYNN HURST

EDWIN JOHN TAKALA, A.S.

JOHN GEORGE MAIER

GERALD UNDLIN

GEORGE POND WILLIAMSON

(Course in Home Economics)

LILLIAN LENORE CHRISTIANSON

ARLINE DORIS MENK

ARDELL HENRIETTA DAMSCHEN

HELEN ANN PERKINS

EVA VIRGINIA DANIELSON

CLARA MABEL SMITH

MARGARET A. GERBER

ANN SOMA

KATHRYN ESTELLA HAFFIE

CORRINE STEPHENSON

MARY ALICE LONGLEY

GENEVIEVE ELINOR SWEDBERG

HELEN M. YOUNG

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## LAW SCHOOL

Candidates presented by Everett Fraser, B.A., LL.B., Dean of the Law School

Marshals: VERNES F. GRAFSTROM

JOSEPH R. PARKER

## BACHELORS OF SCIENCE

### *In Law*

MILTON H. ALTMAN	WINSTON CHARLES JOHNSON
WILLIAM JOHN BAUDLER	ALBERT JOHN LEHMICKE, JR.
MARVIN HOWARD BENJAMIN	MELVIN LENICK LIPSCHULTZ
ANTOINETTE THEODORA BERNATH	JOYCE CORNELLA LOVAAS
WILLIAM PETER BERZAK	JOHN WILLIAM LUNDBERG, JR., A.S.
WARREN EMERSON BLAISDELL	SEYMOUR MANDEL
SAMUEL H. BLOOM	ROBERT WILLIAM MARTIN
ELROY DANIEL BOUCHARD	ROBERT KENNETH MCCARTHY
PHILIP BREITMAN	ALVIN EDWARD MILLER
BENJAMIN CHERNOV	MARION ELIOT NEWMAN
ALLEN GEORGE CHRISTOFFERSEN	LOWELL PLECE NICHOLAS
JAMES FRANKLIN CROWLEY	ROBERT MILTON PARRISH
LEEDS DARRAH CUTTER	CHARLES THOMAS PETERSON
HAROLD FRANK DODGE	EDITH HOLST POWERS
STANFORD DODGE	LOANE JACKSON RANDALL
LESTER ALFRED DRUCK	ELIZABETH LOUISE SHAW
LEROY WARREN ELLICKSON	KENNETH KOMAN SIMON
MAX GERSHENOVITZ	TAYLOR CLEMENT WALDRON
JOSEPH GITIS	JOSEPH EDWARD WARGO
JUANITA LOUISE HANSON	RICHARD HEALY WHITE
ROBERT CHRISTIAN HOLTZE	FRED WIGGEN
CLAYTON MARSHALL HURLEY	FRANCIS BLAINE WILLIAMS
HENRY BENJAMIN WILLIAMS, JR.	

## MEDICAL SCHOOL

Candidates presented by Harold S. Diehl, M.A., M.D., D.Sc., Dean of the  
Medical Sciences

Marshals: FRIEDA M. KUNZE

ANNA E. NELSON

## BACHELORS OF SCIENCE

### *†cum laude*

RUTH ALISON GIBB	BETTY RICH
GOLDIE L. KOZBERG	RUTH ELIZABETH ROBINSON
FRANCES ALLENE ROSENBLUM	

† Candidates graduating with honors are identified by differentiated shoulder insignia.

BACHELOR OF SCIENCE

†with high distinction

NEIL KENNETH WHITE

BACHELORS OF SCIENCE

†with distinction

EARL MELVIN ANDERSON  
ROBERT FALK COHEN  
WENDELL HOWARD HALL  
NORBERT ORRIN HANSON  
WILLIAM EUGENE HARRIS

JOHN ROGER HASERICK, B.A.  
RODNEY FREDERICK KENDALL  
FLOYD JOHN LEWIS  
RALPH PAPERMASTER  
HAROLD PHILLIP PROFF

MAX PUSIN

BACHELORS OF SCIENCE

CHARLES DOUGLAS ADKINS  
HARRIETTE CLEORA ANDERSON  
ERNEST FREDERICK BEBER  
ARLENE MARION BERGLOVE  
GORDON ALFRED BROWN, B.A.  
JOHN ROBINSON BUTTER  
HAROLD AUGUST CHRISTIANSEN  
JAMES YANDES CLARKE, JR.  
WILLIAM DONALD CLEAVES  
LOUISE COMBS  
MARJORIE LOUISE DALE  
JOHN EDWARD ECKDALE  
PHILIP FEINBERG  
CHARLES D. FREEMAN, JR.  
MARILYN GREENBERG  
BETTY JULIA HALL  
CURTIS MARVIN HANSON  
RUTH FRANCES HOVDE  
ROLAND KENNETH IVERSON  
LOIS RUTH LAMBERT, B.A. *cum laude*  
MERLYN CARL LINDERT, B.A.  
OLIVE ANGA LUNDGREN

WALLACE MARTIN MEYER  
LLOYD STANLEY NELSON  
BENJAMIN JOSEPH PALEN  
ROBERT THORVALD PETERSEN  
JULIEN VICTOR PETIT  
KARL WILLIAM PLEISSNER, B.A.  
EUGENE RINKEY  
MELVIN SCHADEWALD  
EVERETT JOSEPH SCHMITZ  
HANNS CARL SCHWYZER, B.A.  
LESLIE G. SEEBACH  
ETHEL SEGAL  
HOWARD ARTHUR SHAW  
LEWIS SHER  
MICHAEL WILLIAM SILVER, B.A., M.A.  
MILTON B. SOREM  
PHILIP HENRY SOUCHERAY  
GABRIEL CHARLES SUTCH  
CHARLES BRUCE TAYLOR  
NORMAN ELMER TOSTENSON  
ANITRA L. VADHEIM  
EARL VALENTINE WETZEL, JR.

HOWARD MAX WIKOFF

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## COLLEGE OF PHARMACY

Candidates presented by Charles H. Rogers, D.Sc., Dean of the College of  
Pharmacy and Professor of Pharmaceutical Chemistry

Marshals: HERBERT J. COLE

VALERIA C. REMER

## BACHELORS OF SCIENCE

### *In Pharmacy*

SAUL AMDUR	HARRIS ROGER MEACHAM
ALBERT DANIEL BARBERREE, B.S.	WALTER MIDDENTS
E. NORMAN BARSNESS	F. VIVIAN MURRAY
DOROTHY VESTALINDA BRECHT	ORVIN J. NORDOS
DAVID HARRY CARP	EDWARD SKREEN OLSEN
STANLEY CHAMBERS	NEIL BROWN OLSON
WINTON CHRISTENSON	IVAN ELMER PETERSON, B.S.
KENNETH ERICSON	LEONARD ROSEN
DONALD JOSEPH FORCHA	CARL ELLSWORTH RUDEEN
WILLARD JOSEPH GAG	LOUIS SCOTT SAVAGE
BERNARD ROBERT GREEN	WILFORD SCHNEIDER
DOROTHY RUTH HAMMARSTEN	JULIUS LEO SHAW
WILLIAM FRANK HOLDEN	LAVERNE SMALL
HENRY HARVARD KAPLAN	TAITO OLAF SOINE, A.A.
RUBY LOU KREMENETSKY	RAY WELBON STARK
RAYMOND BERNARD KUHLMANN	PHILIP JACOB STEIN
ABNER JEROME LEE	DONALD RALPH STEMPE
EDWARD LONEY	HUGO WILLIAM WIKSTROM

IRVING PAUL ZITLIN

## COLLEGE OF EDUCATION

Candidates presented by Wesley E. Peik, Ph.D., Dean of the College of  
Education and Professor of Elementary Education

Marshals: WILFRED H. LINDQUIST

MARION E. SOMMER

## BACHELORS OF SCIENCE

### *†with high distinction*

GENEVIEVE MARGARET BAILEY	SHEILA IONE KRAGNESS
ELIZABETH KNOX DONOVAN	ETHEL LOUISE LINK
ANITA NAOMI GORDON, A.A.	MILDRED E. PEEHL
HORTENSE CORNELIA HAGE	ANNE DIXON ROBERTS

ANITA MINNA WIEDERAENDERS

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## BACHELORS OF SCIENCE

†with distinction

AVISMERI ANDERSON	ADENA MERLE KALLESTAD
RUTH BIRGITTA ANDERSON	RAY FREDERIC LIVINGSTON
ROSE MARY ATKINSON	CELIA MARIE LOGAN
ROLAND VINCENT BLOSJO	LOIS MARIE MELBY
LUCILE ELEANOR BURNHAM, A.A.	SADIE MORTENSON
JUNE FERN CEDARLEAF	CAROL MURIEL OLSON
ELLEN DI GIAMBATTISTA	LEONE MEREDITH PARKINSON
IDELL MARIE ENGH	LYDIA WILHELMINA REITZ
CLARENCE M. ERICKSON	MABEL MARIAN SAMPSON
MARGARET SARA FOSMARK	LILLIAN SILVER
GORDON RICHARD GLABE, A.A.	HELEN EWING THOMPSON
ADA DIANE GLANTZ	WINIFRED JUDITH UTNE
ALICE DOROTHY GRENDALE	MAE VARNER
CASPER JOHN HEASER	MARY LOUISE VINCENT
RUTH MARJORIE JOHNSON	INGRID ELEANOR WAANANEN
KATHRYN LOUISE ZAUCHE	

## BACHELORS OF SCIENCE

RALEIGH AARONSON, B.A.	EDAH FLOWER BURNETT
ANDREW ACKERMAN	ARLYNE THERESA BURR
FRANK EMIL ADAMS	ROBERT CHARLES CAMAISH
DONALD CHARLES ADAMSON	JEAN PATRICIAN CANNON
AUGUSTA SOPHIE AXNESS, A.A.	MARY MARGARET CARL
FRANCES BARCLAY, B.S.	ROBERT STUART CARLSON
NELLIE LOUISE BARDWELL	RUTH V. CARLSON
HELEN DOROTHY BARNES	MARY LOIS CARLYON
ALICE LOUISE BENJAMIN, B.A.	GERTRUDE CHAPMAN
VELMA MARY BENNETT	RUTH LEONE CHRISTOPHERSON
RUTH BERGQUIST	MARTHA ANNA CLIFTON
BURT HENRY BETTERS, JR.	JEROME EFFINGHAM COFFMAN
FAITH ELISE BEVERNICK	MARION EMELINE COMPTON
ALYCE DELMA BIDDLE	ELMA ELIZABETH COOK
ELIZABETH LUELLE BLIX	FRANCES IRENE COOPER
BEATRICE MARIE BOES	BERNICE COWL, B.S. <i>cum laude</i>
CELIA CAMPBELL BORLAND	MARGARET LYDIA CRUIT
LOYAL CORINNE BRANDON	O. WILLIAM CULBERTSON
PHILIP ANDREW BRANDT, A.A.	JOAN DAVNIE
DOROTHY BROCHIN	MARGARET DEEMS
RAMONA DORTHY BROCKMEYER	MARYALICE JOSEPHINE DEVONEY, G.N.
ROSE C. BRUENER	MARGARET P. DICKENS
REUBEN CLIFFORD BRUSTUEN, B.A.	SAL GEORGE DI COSTANZO
ELIZABETH RUTH BUCKBEE	

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MARY KATHERINE DOBBS  
CHESTER VIRL DOLAN  
BENJAMIN EARL DUNSTAN, A.A.  
MINARD PARKER EDMAN  
OLGA M. EKSTROM  
IRMA BERTHA ELLERT  
HANNAH ELIZABETH ERIKSON  
CHARLOTTE LOUISE EVENSON  
DOROTHY MARY FABER  
KATHARINE ERNESTINE FAY  
LEO JOHN FEIDER  
RUTH AVIS FERGUSON  
VERA LOUISE FILK  
MARGARET JESSIE FLACK  
EVELYN DAGMAR FLAGSTAD  
ARLIE OSCAR FLOM  
HAROLD EUGENE FOOTE  
KATHRYN SYLVIA FOSSUM  
RICHARD NORMAN FOSSUM  
MINNIE JOSEPHINE FOSTER  
RUTH ALMA FOWLER  
JOHN WHEELOCK FREEMAN  
CELIA FRIEDEL  
MORRIS HENRY FRISCH  
LOIS EVELYN FROELKE  
CATHERINE MARIE FRONEY  
ARDITH BERNICE FROST  
NATHANIEL ALLEN FRYER  
MARIAN INGEBORG FRYKMAN  
WILLIAM ROMAINE FUHRMAN  
MARTHA JEANETTE FULLERTON  
LEE TAYLOR GABLE  
DAVID ANTHONY GALLAGHER  
GRACE MARIE GAY  
DONNA M. GERHARDT  
FLORENCE LAVINIA GIBBS  
VIOLETTE GIESE  
RUTH ELIZABETH GILLESPIE  
RUTH ELAINE GOEDERT  
CAROLYN LOUISE GOEPFERT  
ESTHER GOLDISH  
ESTHER LORRAINE GORDER  
ANNIE MARY GOULD  
MARY ELIZABETH GRAY  
LOIS AUDREY GREENE  
MARGARET HELEN GRIERSON  
RUBY GERALDINE GROTHE  
MARIE BEATRICE GULICK

BEATRICE ISABEL GULLIFER  
DAVID WENDELL GUSTAFSON  
GEORGE FREDRICK GUSTAFSON  
HELEN FLORENCE GUSTAFSON  
RAGNA GYNILD  
LILLIAN BERNICE HAGEN  
ELEANOR LEONA HALL  
DE ETTIE MARGARET HANDFORD  
MAVIA LUCILLE HANSCOME  
ANNE JEANNE HARADEN  
RUTH DORIS HART  
BETTY HASTINGS  
AILI EMILIA HAUTALA  
MYRTLE LOUISE HAWKINSON  
ESTHER MARCELLA HAYCOCK  
ROBERT GREGORY HEATH  
MONA MAE HEDEN  
LAURA NEKOLINE HEGSTAD  
EDITH CLARE HENDERSHOT, G.N.  
EDWIN ERNEST HILL, A.A.  
VIRGINIA MARIE HILL  
HELÉNE ELEANOR HILYER  
PATRICIA ANNE HOBAN  
BEATRICE MARIE HOESLEY  
SELMA WILHELMINA HOLQUIST  
BETTY HRUZA  
MAURINE FRANCES HURD  
GRETCHEN MORSE HUSSEY  
THERESA HELEN JENNIGES  
ARDYS K. JENSEN  
ELAINE MARVEL JOHNSON  
MARJORIE ANGELYN JOHNSON  
RUTH ANN JOHNSON  
ISABEL KANE JONES  
KATHRYN FRANCES KAISER  
ETHEL KANER, A.A.  
MARION IDA KASK  
PAUL KATZ  
EUNICE HARRIET SOPHIA KELLER  
MARY CHARLOTTE KEOGH  
ROSEMARY AGNES KLAUS  
BERNICE KLOBE  
PAUL JOSEPH KNAPP  
POLLY KOLLINER, B.A.  
ARVID HENRY KORPI  
VERNA VIOLA KOSKELA  
HAROLD C. KRAFT  
NATALIE CHARLOTTE LOUISE KRAUCH

DOMINIC LEON KREZOWSKI  
 LLOYD WARREN KROGH  
 ROSEMARY OLIVE LAFRENIERE, A.A.  
 MICHAEL LAGATHER  
 RUTH ARLENE LANTO  
 FRED LA RIVIERE  
 LAURA FIDELIA LAWSON  
 NOLIE CRICKMER LIND  
 THELMA EVANGELINE LIVDAHL  
 LOREN BERTRAND LUND  
 VIVIAN LUCILLE LUND  
 VIOLA LOUISE LUNDIN  
 THELMA MILDRED LUTHER  
 KATHERINE MARY MACMILLAN  
 MARTHA ELIZABETH MADISON, B.A.  
 AUDREY ONALEE MAIR  
 HARRIET LILLY MALKERSON  
 BEATRICE MARK  
 VIVIAN SARAH MARSHAK  
 SYLVIA MAE MARSHALL  
 DANIEL LOUIS MARTINO  
 IMOGENE MATTSON  
 ALICE ELISA MAYO  
 WILLIAM F. McCAULEY  
 HELEN AGNES McGUIRE  
 RUTH EVELYN MERRY  
 KATHERINE MICHAELSEN  
 MARTHA STRADTMANN MILAN  
 MARJORIE MARIE MITCHELL  
 BARBARA MOODY  
 MARY LUCILE MORAN  
 ARLINE VIOLA NASBY  
 BEATRICE CAROLYN NELSON  
 BELVA CLAIRE NELSON  
 ERNEST BURT NELSON  
 HELEN M. NELSON  
 HARRIET NIEBERGALL  
 RUTH ENID NORDBERG, A.A.  
 BETTY GAY NORDLAND  
 MILDRED HAZEL OLSON  
 DORIS ELIZABETH OMAN  
 GRACE EVANGELINE OMUNDSON  
 AMY ROSELLA OSCARSON, B.S.  
 RUTH EVANGELINE OSTLIE  
 DOROTHY LOUISE OTTERSON  
 MARY ELIZABETH PAJARI  
 JANET VIOLA PAOLETTI  
 M. JOYCE PAUL  
 ELIZABETH ILAH PETERSON  
 DOROTHY JEAN PETRON  
 VIRGINIA JUUL PETTERSEN  
 SUZANNE PFITZNER  
 WINNIFRED LOUISE POPPENBERGER  
 FRED JAMES RANIELE  
 LOIS FLORENCE RAYMOND  
 DRAKE EZEKIEL ROGERS  
 LOIS WINIFRED ROLFING  
 MADELON LENORE ROTH  
 JENNIE MAMIE RUD  
 MYRTLE THEOLINDA RUNDQUIST  
 DANIEL HAUSER RUOFF  
 JOHN SABAKA  
 KATHRYN IDA SALO  
 DOROTHY MAE SANDBERG  
 ELIZABETH LOUISE SANFORD  
 EILEEN LYNNEA SATRE  
 AGNES LILLIAN SCHAAF  
 DORIS LUCILLE SCHAUB  
 JOSEPHINE LUCILLE SCHIAVONE  
 REYBURN ELWARD SCHMIDT  
 ROBERT CHARLES SCHMIDT  
 RUTH SCHMIDT  
 LAURINE GEORGIA SCHWAPPACH  
 WINNIFRED E. SCHWEPPE  
 NELL ELIZABETH SECREST  
 RUBY MARIE SEDERBERG  
 JEANNETTE SELLMAN  
 DEAN R. SHAWBOLD  
 DONNA HELEN SHER  
 MARY ELIZABETH SIAS  
 JANET SPRAGUE  
 SUSAN AMELIA SPRAGUE, B.Mu.  
 GRACE WITHROW STAFFORD, B.A.  
 DORIS RUTH STEENSON  
 LEONE MARY STEFFEN  
 TEMMA VIOLET STEINBERG  
 JANET LOUISE STEINER  
 ARLYN ENOMA STENERSON  
 VIRGINIA ELAINE STEWART  
 EMILY LOUISE STOEHR, B.S.  
 LYNUS EDGAR STONEBACK  
 MILDRED MARIE STRONG  
 HELEN EDITH STURNICK  
 LLOYD LEROY STUSSY  
 HENRY W. TAMMINEN, A.A.  
 BEATRICE MILDRED TANGEN



ELIZABETH LUCILLE THOMAS  
HELEN HELIA THOMPSON  
WESLEY GUSTAV THORESON  
PHOEBE TOWNSEND  
FLORA TRASK, B.A.  
BARBARA LOUISE TYRA  
DON WILTSE VAN METRE  
ELMER EDWARD WALKILA, A.S.  
ELLEN MARIE WELLNER

HELEN ELIZABETH WESTERBERG  
RUTH ELFRIEDA WESTLUND  
LAURANE EVELYN WOLD, A.A.  
MARTHA ANNETTE WRIGHT  
LAURA CAMILLA YDSE  
AMY B. YOUNG  
MARY MAXINE YUNKER  
JACOB GEORGE ZAUN, B.A.  
PHYLLIS LEONE ZIEBARTH

## SCHOOL OF BUSINESS ADMINISTRATION

Candidates presented by Russell A. Stevenson, Ph.D., Dean of the  
School of Business Administration

Marshals: STARHL W. EDMUNDS

R. DUANE SAUNDERS

## BACHELORS OF BUSINESS ADMINISTRATION

†with distinction

FREDERICK ALFRED BAUMANN, JR.  
LYLE MALCALM BOHLIG  
HARLEY ROLAND HUGHES  
NICHOLAS CARROLL NORELL

EDWARD JOSEPH PETERSON  
HAROLD JAY SMITH  
EDWARD PALMER TANG  
LOIS ARLINE WILEN

## BACHELORS OF BUSINESS ADMINISTRATION

ARTHUR HARVEY ADAMS  
WALLACE WILLIAM ANDERSON  
WILLIAM STANLEY ANDERSON  
MERLIN CLIFFORD ANNETT  
DONALD HARRISON ARVOLD  
MARY ELIZABETH ASHLEY  
JOHN ELMER BAGGALEY  
DELTON ELLSWORTH BAGNE  
HENRY LEONARD BARDIN  
RAY JOHN BARGER  
WALTER CHARLES BARRON  
WILLIAM EDWARD BAUER  
LYNN JAY BAUMAN  
ARTHUR AUGUST BECKER  
WILLIAM THOMAS BEEBE  
CARL RANDELL BERGMAN  
WERNER JOHN BESKE  
EARL ALEXANDER BLECK

ROBERT JOSEPH BLOTCKY  
JULIUS BRAUFMAN  
WILLIAM PEDER BREDESEN  
JOSEPH MARCH BROM  
MYRON CARL CARLSON  
RAYMOND WILLIAM CARLSON  
LUVERN JOSEPH CARRIER  
JOHN LEONARD CARROLL, A.A.  
WILBUR ELLIOT CHELLGREN  
PHILIP JOHN CLARK  
MERRILYN ELIZABETH CLARKE  
JAMES COLLINSON  
JOHN ELTING COMSTOCK  
PRESTON HOWATT COULTER  
ARTHUR EDGAR CUTTS  
MARJORIE EILEEN CZAIA  
JOHN MELVIN DAHL  
JAMES FRANCIS DAY

† Candidates graduating with honors are identified by differentiated shoulder insignia.

ROBERT PAUL DAY  
DONALD ALBERT DOD  
BERNICE DRUCKER  
ROBERT ECKHARDT  
RICHARD WALKER EDWARDS  
RICHARD ERIC ELLING  
LLOYD LEE ENGLISH  
WILBUR JOHN ENGMAN  
CLIFFORD JOHN ERICKSON  
GEORGE E. ERICKSON  
JAMES WALTER FARRIER  
ELIZABETH MARGARET FIELD  
SHERMAN WILLIAM FINGER  
JAY LE CLAIRE FITCH, JR.  
WYNDHAM ERWIN FOLDS  
FRANK MAENDLER FRENZEL  
NEWELL ORVILLE GAASEDELEN  
CATHERINE GAVIN  
E. WALTER GECKLER  
CURTIS FRANK GIBSON  
DURWARD JULIUS GITS  
HERMAN D. GORDON  
DUANE ANDREW GOUZE  
WILLARD ANTHONY GREENLEAF  
JAMES THOMAS GRIFFIN, JR.  
HAROLD FRED GROTH  
JAMES EDMOND GUEYDAN  
MILDRED BERNICE GULICK  
CARL ALVIN HAASE  
EARL AMUNDSON HALVORSON  
HAROLD LA VERNE HANSON  
DALE H. HASWELL  
JOHN SPENCER HATCH  
GEORGE MONROD HEDLA  
ERLING OLAF JOHAN HELLAND  
HERBERT GERHARD HENEMAN, JR.  
CHARLES ERNOTTE HILLER  
AUSTIN JAMES HOLLY  
OKE HJALMAR HULTKRANTZ  
ALFRED LEO HUNT  
CHARLES DANIEL INGEBRAND  
CARROLL JACOB JACOBSON  
CLINTON TYRON JOHNSON  
FRANCIS MORAN KELEHAN  
MICHAEL KING  
ARTHUR MORRIS KJOS  
WILLIAM KENNETH KLEIN  
MERRILL H. KNOTTS

CAROL EDITH KOTTKE  
JOHN KRIZEK  
LOUIS THOMAS LEPAK  
ALVIN HEARSCH LIEBERMAN  
LOIS AILEEN LOVELESS  
GORDON HAROLD LYONS  
BELMONT BURDETTE MAGEE, JR.  
JOHN FREDERICK MAKER  
CARL CURTIS MATALA  
DONALD MAYERON  
ELWOOD LAWSON MCGEE  
WILBUR HARRY McLAUGHLIN  
DAVID BURCH McWETHY  
JAMES O. MEALEY  
LEONARD JAMES MELBY  
ALFRED HARTLEY MOE  
JOSEPH ALVIN MOORMANN  
PATRICK JOHN NEELEY  
HARLAN MERRILL NELSON  
DONALD THOMAS NICKLAWSKY  
J. A. FORREST NIEMI  
MARSHALL VERNON NOECKER  
WILLIAM ERIC NORDRUM  
HAROLD JOHN OELSLAGER  
JOHN P. O'LOUGHLIN  
ARMOND GEORGE OLSON  
EDWIN A. PAKOLA  
MARVIN JOHN PENNINGTON  
HOWARD PERLMAN  
BETTY JANE PETERSON  
RICHARD NORMAN PETERSON  
BURTON JOSEPH PLEHAL  
NORMAN C. QUALEY  
JOHN EDWARD QUENVOLD  
WILLIAM CARL RACHIE  
WILLIAM CHALMERS RAITT  
ERNESTINE MARIE RATHBUN  
DONALD HAYDEN RAUDENBUSH  
KATHLEEN E. REED  
WINFIELD ARTHUR RITTER  
ARNOLD STUART ROBERTS  
DEAN WOODROW SCHERER  
JAMES CARL SCHRADER  
RUSSELL JULIUS SCHWARTZ  
ROBERT ELIOT SKINNER  
HJORDIS ANNE SMEDAL  
GERALD MAYNARD SMITH  
MARGARET RUTH SMITH

JACK STICKNEY SNEVE, JR.  
HOWARD VOSS SNOWDEN  
DOYLE T. SPAETH  
JOHN HAYDEN SPARROW  
WILLIS PARSONS SPRING  
EARL BALTUFF STEIDLER  
ROBERT STINCHFIELD  
DON CLARK STIXROOD  
JOAN WANOUS STUART  
ROBERT ALDEN SWANSON  
ROGER DAVID SWANSTROM  
JANET ETHEL TERRY  
LILLIAN ANDERSON THOMPSON

CHARLES HENRY THURBER  
ALBERT OWEN TWEDTEN  
BOYD ROBERT VANDERPOOL  
CHARLES EDWARD VASALY  
NANCY EARLE WALLACE  
RICHARD CHARLES WALLSMITH  
MELTZER NICKOLAI WELTZIN  
HAROLD NATHAN WESLER  
WILLIAM PRICE WEST  
JAMES ALBERT WHITBECK  
JOSEPH IRA WHITCOMB, A.A.  
ROBERT JAMES WHITE  
SAMUEL NICHOLAS ZAGARIA

## UNIVERSITY COLLEGE

Candidates presented by John T. Tate, Ph.D., Chairman of the  
University College Committee

Marshals: BERNARD E. FISCHBEIN      GERTRUDE OSMAN

### BACHELOR OF ARTS

† *magna cum laude*

PETER ROBERT EDMONDS

### BACHELORS OF ARTS

† *cum laude*

MARJORIE JANE FITCH

FRANCES STOCKTON GODWIN

MARK WEXLER

### BACHELORS OF ARTS

HORACE FRANKLIN CHAMBERLAIN II      DELORES ARLINE RITTER  
PHILIP JO'NES LEVY      ROBERT S. SPAETH  
DELORIS E. LIEBIG      ELIZABETH VIRGINIA SWENSON  
JOYCE BEVERELY VANGSNESS, A.A.

### BACHELORS OF SCIENCE

CHARLES LEWIS ALEXANDER, JR.      EDGAR ERWIN HARDY, Ph.D. in Law  
HOWARD FREDERICK GUSTAFSON      KATHLEEN WATSON

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## SCHOOL OF DENTISTRY

Candidates presented by William F. Lasby, B.A., D.D.S., F.A.C.D., Dean of the  
School of Dentistry

Marshals: HERMAN C. DAHL

RUDOLPH W. NORVOLD

### DOCTORS OF DENTAL SURGERY

THEODORE MERVIN ANDERSON	EDWIN JOHN KLEIMOLA
ROBERT BURR BEHLER	FLORIAN JOHN KLICK
OTIS WILLIAM BENNETT	FRANK EDWIN LAING
FRANK BERNBAUM	NORBERT STEVEN LANG
HENRY A. BOLT	LEWIS WAYNE LAW
ALBERT HENRY BREKKE	HAROLD ROY LAWLER
LESLIE P. CHRISTENSON	WILLIAM MOORE LEEBENS
JOSEPH BAYNES CRIBB, L.D.Q.	ALBERT PAUL LEISZ
WILLIAM PARNELL CURRAN	RALPH ARNOLD LICKING, Ph.B.
JAMES MORAN DAHL	RALPH A. LOGAN, B.A.
KENNETH C. DEGON	FRED MAASS
JOHN ROGER DELANGE	DONALD ROBINSON MACKAY
STANLEY DOMINEK	IAN GRANT MACKENZIE
EDWARD VLADIMIR DUBISKEY	JAMES JOSEPH MADDEN
WILLIAM REYNOLD EDMAN	NORMAN BENJAMIN MOSS
CHARLES VERNON FISH	LAVERNE STEWERT NORDEN
ROBERT WILLIAM FLETCHER	BERNARD JAMES O'KEEFE
SYDNEY RALPH GELMON	RICHARD HERMAN OLESON
SAMUEL GILLES GIMPEL	MALVIN PANAR
EDWIN ARCHIE GLASSON	DONALD PLYMOUTH PETERSON
SHERMAN GREENBERG	CHARLES E. RECTOR
GEORGE VICTOR GREINER	ANTHONY GENE RICHTER
BLAINE MERTON GUNDERSON	WILLARD ALBERT RIECHEL
THOMAS RUSSELL HARRISON	ALEX SCHMIES
WILLIAM WALLACE HENSEL	MELVIN JOHN SCHUELLER
VERNER WILHELM HERMAN	CLETUS SAMUEL SCHULTZ
CLAIRE MEREDITH JAMES	HAROLD SHATSKY
MAYNARD ROBERT JAMES	JOSEPH SHULMAN, B.A.
JOHN MCCALL JEPSON	JOHN LESTER SJOSTEDT
CAREY JOHANSEN, B.A.	CHESTER DAVID SMITH, B.S.
WALTER JEROME JOHNSON	DALE RICHARD SMITH
DAVID CRAIG JOHNSTON, B.E.	FREDERICK ROY STAVA, B.S.
HARPER JUNG	KENNETH RAY STEFFENSEN
RUDOLPH KALAN	JOHN BERTRAND STORRING
HAROLD KANTER	NILS WILLIAM STOWRING
ZECK KASLOFF	SYLVAN OSCAR TATKIN
DONALD LEO KEARNEY, L.D.Q.	ROBERT GLEN VIG
ALEXANDER STONE KELLAM	ALBERT LEONARD VOGEL, JR.
CLIVE GALE KELSEY	WALTER STANISLAUS WARPEHA

PAUL EDWIN WESTON, B.S., Ph.D.	WOODROW ERVIN WILSON
GEORGE JOHN WHITFIELD, L.D.Q.	MELVIN VICTOR YOUNG
FREDERICK THOMAS WIGAND	HARRY RICHARD YUNCK
LLOYD L. ZIMMERMAN	

## LAW SCHOOL

Candidates presented by Everett Fraser, B.A., LL.B., Dean of the Law School

Marshals: VERNES F. GRAFSTROM      JOSEPH R. PARKER

### BACHELORS OF LAWS

VINCENT ANDREW AHLES	WILLIAM ROBERT KOERNER, B.S.L.
REGINALD AMES, B.A.	W. WYMAN KOONS
ARTHUR EDWARD ANDERSON, JR., B.S.L.	SAM KORITZ
WILLIAM JOHN BAUDLER	JOHN JACOB KOTLAR, B.A.
RAY HOMER BEARDSLEY	ISRAEL KRAWETZ, B.S.L.
SAUL THOMAS BENJAMIN, B.S.L.	ALBERT JOHN LEHMICKE, JR.
ALTON BERGH, B.S.L.	DAVID WILLIAM LOUISELL, B.S.L.
WARREN EMERSON BLAISDELL	JOHN WILLIAM LUNDBERG, JR., A.S.
JOHN BURGER, B.S.	ADELBERT CONVER LYON, B.S.L.
CHARLES EUGENE CARLSEN, JR.	ROBERT WILLIAM MARTIN
BRANTLY PAGE CHAPPELL, B.S.L.	JOHN HANNA McALLISTER, JR., B.S.L.
SHERMAN SCOTT CRANE, B.S.	ROBERT KENNETH MCCARTHY
JAMES FRANKLIN CROWLEY	BYRON WILFRID McCULLAGH
LEEDS DARRAH CUTTER	MARION D. McCULLOCH, B.A.
KARL FRANK DIESSNER, B.S.L.	RICHARD ALBERT MOORE, B.A.
HAROLD FRANK DODGE	ROSEMARY MARGARET MOSKALIK, B.A.
STANFORD DODGE	LEONARD HUGH MURRAY
HARL GENTRY DOUGLASS, B.A.	LOWELL PLECE NICHOLAS
ROBERT WENDALL DYBERT, B.A.	CHARLES HENRY OGLE, B.S.L.
ROBERT HART FABIAN, B.A.	HERBERT EARL OLSON, B.S.L.
JAMES CORMAC GIBLIN, B.A.	ROBERT MILTON PARRISH
EARL LESLIE HACKING, B.A.	CHARLES THOMAS PETERSON
SAMUEL A. HALPERN	WILLIAM JAMES POWELL, B.A.
LEONARD ERNEST HANSON, B.A.	EDITH HOLST POWERS
LESLIE RAYMOND HERSRUD, B.A.	LEON L. RAIZES, B.S.L.
JAMES IVAN HOSSACK, B.A.	BENJAMIN LIONEL ROSENBERG, B.A.
RICHARD CLAY HUNTER, B.S.L.	PAUL MEREDITH RUNNESTRAND, B.S.L.
W. WALLACE JACKSON, B.A. <i>cum laude</i>	HARRY SAMPSON STEARNS, JR., B.A.
IRVING JUSTER	HERMAN ERNEST STEDWELL
SEYMOUR KATZ	JOHN STURNER, B.S.
JAMES L. KELEHAN	HERBERT GORDON TAYLOR, B.A.
CHARLES PHILIP KLEINMAN	TAYLOR CLEMENT WALDRON
	JOSEPH EDWARD WARGO

SIMON A. WEISMAN, B.S.L.  
JACK WERNER, B.A.  
FRED WIGGEN

FRANCIS BLAINE WILLIAMS  
KARL WINDHORST, B.S.L.  
BERNARD B. WITTELS

MITCHELL ALLEN ZITLIN, B.A.

## GRADUATE SCHOOL

Candidates presented by Wilford Stanton Miller, B.A., M.A., Ph.D., Acting  
Dean of the Graduate School

## MASTERS OF ARTS

CAROL HOPE ABBETT  
B.A. '35, Macalester College  
Major, History  
Minor, Political Science  
Thesis, Cotton Tenancy, 1865-1935,  
and the Reform Movement

CARLETON CECIL AMES  
B.S. '27, University of Minnesota  
Major, History  
Plan B without thesis

MABLE GENNOW BAIRD  
Ph.B. '10, Hamline University  
Major, Education  
Minor, Educational Psychology  
Thesis, A One Year Study of Reading  
Readiness of Forty-two Pre-  
Primer Pupils at Litchfield, Min-  
nesota

OLE ERNEST BAKKE  
B.A. '25, Luther College  
Major, Educational Administration  
Plan B without thesis

VIRGINIA JOSEPHINE BARTELT  
B.A. '37, University of Minnesota  
Major, Romance Languages (Span-  
ish)  
Plan B without thesis

RUTH WENTWORTH BEAN  
B.A. *magna cum laude* '37, College  
of St. Scholastica  
Major, English  
Plan B without thesis

ELSIE GERTRUD BILLMANN  
B.S. '37, University of Minnesota  
Major, German  
Minor, Romance Languages  
(French)  
Thesis, Characterization in the No-  
vellen of Wilhelm Raabe

HARRY EDWARD BORCHARDT  
B.S. '27, Beloit College  
Major, Education  
Plan B without thesis

MILDRED CHERNOV  
B.S. '36, University of Minnesota  
Major, Sociology  
Plan B without thesis

HELEN FRANCIS CHRISTIANSEN  
B.A. '09, University of Minnesota  
Major, Sociology  
Minor, Educational Psychology  
Thesis, The Relation of School Prog-  
ress to Subsequent Economic Ad-  
justment of Students in Four Saint  
Paul High Schools in 1926

- WILLIAM JOHN ANDREW CULMER  
 B.A. '35, University of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, Spinor Analysis with Some Applications to Mathematical Physics
- HESTER SHOVE DUFFALO  
 B.A. '36, University of Minnesota  
 Major, Romance Languages (French)  
 Minor, Music  
 Thesis, How the Comedie-Ballet of Molière Influenced the Development of the Seventeenth Century Grand Opera
- ELSIE ELVERA EDLUND  
 B.A. '16, University of Minnesota  
 Major, Botany (Phycology)  
 Plan B without thesis
- WALTER BENNETT EVANS  
 B.A. '29, Augsburg College  
 Major, History  
 Minor, English  
 Thesis, The Early Political Career of Knute Nelson, 1867-1892
- JACQUES ALBERT FERMAUD  
 B.A. '24, University of Rennes  
 (France)  
 M.S. '29, Ecole Libre Sciences Politiques (France)  
 Major, Romance Languages (French)  
 Minor, Philosophy  
 Thesis, Le Confident dans les Tragedies de Corneille et Racine
- SARAH AUTTIE FOSTER  
 B.S. '30, University of Minnesota  
 Major, Sociology  
 Plan B without thesis
- EDWARD WILLIAM FRANCEL  
 B.S. '37, University of Minnesota  
 Major, Sociology  
 Minor, Economics  
 Thesis, A Comparative Study of Delinquent and Non-delinquent Boys
- ELEANOR GARNET HALL  
 B.A. *cum laude* '30, Hamline University  
 Major, Sociology  
 Plan B without thesis
- CARROLL JAMES HAWKINS  
 B.A. '34, West Virginia University  
 Major, Journalism  
 Plan B without thesis
- GLEN DONALD JADWIN  
 B.E. '29, St. Cloud Teachers College  
 Major, Education  
 Plan B without thesis
- FERN KENNEDY  
 B.S. '29, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Study of the 1934 State Board Examination in Eighth Year English
- LOUISE LAURA KLOHN  
 B.S. '36, University of Minnesota  
 Major, English  
 Minor, Education  
 Thesis, A Critical Analysis of the Technique of Edith Wharton's Short Stories and Novelettes
- CHUGO KOITO  
 B.A. '37, University of Washington  
 Major, Journalism  
 Minor, Political Science  
 Thesis, Relations between Press and Government in Japan since 1914
- FRED KOLOUCH, JR.  
 B.A. '36, University of Minnesota  
 Major, Anatomy  
 Minor, Pathology  
 Thesis, A Study of the Bone Marrow Plasma Cell of Mammals with Special Reference to Its Origin in the Rabbit under Normal and Experimental Conditions

- LOUIS EDMOND LEIPOLD  
 B.S. with distinction '28, University  
 of Minnesota  
 Major, Education  
 Minor, Political Science  
 Thesis, The Relationship of Attitudes  
 to Intellectual and Personality  
 Traits
- HERBERT ALVIN MAHLER  
 B.A. '26, Hamline University  
 Major, Education  
 Minor, Educational Administration  
 Thesis, The Results of a Program  
 of Diagnostic and Remedial Case  
 Studies in Reading in Clara City  
 Public School
- FRANK DANIELS MANN  
 B.A. '37, University of Minnesota  
 Major, Agricultural Biochemistry  
 Minor, Physical Chemistry  
 Thesis, A Colorimetric Method for  
 the Determination of Pepsin
- MARTHA MYRLE MANNING  
 B.S. '35, University of Minnesota  
 Major, Speech  
 Minor, Psychology  
 Thesis, The Status of Speech Educa-  
 tion in the Public High Schools of  
 Minnesota
- WILLARD CASPAR MATTHEIS  
 B.A. *magna cum laude* '36, State  
 University of Iowa  
 Major, Political Science  
 Minor, Economics  
 Thesis, The National Labor Rela-  
 tions Act: Its Constitutional and  
 Administrative Law
- HARVEY OTHELO MELBYE  
 B.S. '33, North Dakota Agricultural  
 College  
 Major, Educational Administration  
 Plan B without thesis
- MAX FINEGOOD MENKES  
 B.A. '33, University of Manitoba  
 Major, Mathematics  
 Plan B without thesis
- WILLIAM JORDAN MICHEELS  
 B.S. '32, Stout Institute  
 Major, Education  
 Plan B without thesis
- JAMES WILLIAM MILLER  
 B.A. '35, Amherst College  
 Major, Political Science  
 Minor, History  
 Thesis, Political Organization of  
 Women in Great Britain
- NORMA INEZ MOE  
 B.S. '36, University of Minnesota  
 Major, Sociology  
 Plan B without thesis
- WALTER GUY MOORE  
 B.A. with distinction '34, Wayne  
 University  
 Major, Zoology  
 Minor, Botany  
 Thesis, Feeding Habits and Rate of  
 Growth of the Green Sunfish,  
*Apomotis cyanellus* Rafinesque,  
 with Notes on the Feeding Habits  
 of Certain Other Species of Fishes
- MALCOLM CHARLES MOOS  
 B.A. '37, University of Minnesota  
 Major, Political Science  
 Minor, History  
 Thesis, Nonpartisan Legislative and  
 Judicial Elections in Minnesota
- HELEN NICHOLAS  
 B.S. '36, University of Minnesota  
 Major, History  
 Plan B without thesis



- FRANCES MELANIE OBST  
 B.S. with distinction '34, University  
 of Minnesota  
 Major, Home Economics  
 Minor, Fine Arts  
 Thesis, The Influence of Chinese and  
 Japanese Art on American Interior  
 Furnishings
- ALBERT GEORGE OSWALD  
 B.E.E. '36, University of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, X-ray Spectra of Light Ele-  
 ments
- JOHN WALTER PAJARI  
 B.S. with high distinction '37, Uni-  
 versity of Minnesota  
 Major, Educational Administration  
 Plan B without thesis
- CHARLES DEGROFF PLATTE  
 B.A. '34, Drury College  
 Major, Geography  
 Plan B without thesis
- EDWARD GUSTAF PLEVA  
 B.A. '34, University of Minnesota  
 Major, Geography  
 Minor, Economics  
 Thesis, The Agricultural Regions of  
 Minnesota
- ORVILLE FRANCIS QUACKENBUSH  
 B.A. '33, B.S. '35, University of  
 Minnesota  
 Major, Anthropology  
 Plan B without thesis
- MESUT REFIK  
 B.S. '36, University of Minnesota  
 Major, Economics  
 Plan B without thesis
- ALF NORVAL SATHER  
 B.E. '37, Moorhead State Teachers  
 College  
 Major, Educational Administration  
 Plan B without thesis
- OTTILIA MARIE SCHUBERT  
 B.A. *cum laude* '33, College of St.  
 Scholastica  
 Major, History  
 Plan B without thesis
- ALICE LILLIEQUIST SICKELS  
 B.A. *cum laude* '15, Whitman College  
 Major, Sociology  
 Minor, Educational Psychology  
 Thesis, The Upper Levee Neighbor-  
 hood: A Study of an Isolated  
 Neighborhood of About One Hun-  
 dred Italian Families in Saint Paul,  
 Minnesota, Known as "The Upper  
 Levee"
- MARTHA JENSINE SILSETH  
 B.A. '18, University of North Da-  
 kota  
 Major, Scandinavian  
 Plan B without thesis
- FLOYD ROBERT OAKFORD SIMPSON  
 B.A. '33, University of Minnesota  
 Major, Economics  
 Minor, Political Science  
 Thesis, A Survey of Reparations and  
 Refunds Made by Public Utility  
 Service Companies in the United  
 States
- SISTER MARY ANSELMA MILLER  
 B.A. '26, College of St. Teresa  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, An Experimental Study to  
 Determine the Effectiveness of  
 Reading Geographic Materials

GORDON RAYMOND STIEN

B.E. '32, Central State Teachers College (Stevens Point, Wisconsin)  
Major, Educational Administration  
Minor, Education  
Thesis, An Experimental Comparison of the Relative Effectiveness of a Modified Contract Plan and a Recite-Study Method of Supervised Study

ANNETTE DENISE STRAND

B.A. *magna cum laude* '36, Hamline University  
Major, Sociology  
Minor, Psychology  
Thesis, Some Ethical Considerations for Social Case Work

MAE AGNES SWEENEY

B.S. '34, University of Minnesota  
Major, Education  
Plan B without thesis

CLINTON WHEELER SYMONDS

B.S. '32, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Relative Effect of Directed and Undirected Study upon Rate of Reading and School Achievement

HENRY ROBERT THOMAS

B.A. '34, Municipal University of Omaha  
Major, Sociology  
Plan B without thesis

HELEN BRYANT TRIEGLAFF

B.A. '34, Carleton College  
Major, Fine Arts  
Plan B without thesis

MARY ADAH TRUSSELL

B.A. '36, Pennsylvania College for Women  
Major, Psychology  
Minor, Educational Psychology  
Thesis, The Diagnostic Value of the Verbal Summator

CLARA ELIZABETH VIVIAN

B.S. with high distinction '37, University of Minnesota  
Major, Political Science  
Minor, History  
Thesis, Governmental Research in Minnesota

FRANCIS FREEMAN WHITING

B.S. '31, Stout Institute  
Major, Education  
Plan B without thesis

HAROLD THOMAS WIDDOWSON

B.S. '26, University of Minnesota  
Major, Education  
Plan B without thesis

JOHN NICHOLS WILSON

B.A. '35, University of Minnesota  
Major, Zoology  
Minor, Botany  
Thesis, An Ecological Study of Certain Prairie Lakes of Minnesota

ALICE EARLEY WILSON

B.A. '22, Sweet Briar College  
Major, Sociology  
Plan B without thesis

CURTIS RAYMOND YEAGER

B.E. '31, St. Cloud Teachers College  
Major, Educational Administration  
Plan B without thesis

LOTTIE ROCHELLE YOUNGE  
B.A. '34, Talladega College  
Major, Romance Languages  
(French)  
Minor, Education  
Thesis, The Treatment of Women in  
the Novels of Paul Bourget

## MASTERS OF SCIENCE

CHARLES CAMERON ALLEN  
B.Sc. '36, University of Manitoba  
Major, Geology  
Minors, Mining and Metallurgy  
Thesis, Geology of North Central  
Part of Reindeer Lake South

IRENE LEAH BELAND  
B.S. '37, University of Minnesota  
Major, Physiology  
Minor, Physiologic Chemistry  
Thesis, The Comparative Toxicities  
of the Cardiac Glucosides in the  
Frog

GORDON HERBERT BENDIX  
B.Ch. '35, University of Minnesota  
Major, Analytical Chemistry  
Minor, Physical Chemistry  
Thesis, The Determination of Potas-  
sium with Dipicrylamine

FREDERICK KENNETT BROOME  
B.S. in Ch. '36, University of Ten-  
nessee  
Major, Agricultural Biochemistry  
Minor, Plant Physiology  
Thesis, Some Biochemical Studies on  
L-Sorbose

KENNETH DIXON CARLANDER  
B.A. '36, University of Minnesota  
Major, Zoology  
Minor, Botany  
Thesis, An Ecological Study of the  
Invertebrate Populations of Cer-  
tain Forest Communities

ARTHUR OLIVER CARUFEL  
B.Sc. '35, Queen's University  
Major, Geology  
Plan B without thesis

RICHARD HENRY DAGGY  
B.S. '34, University of Minnesota  
Major, Entomology  
Minor, Botany  
Thesis, Studies on the Biology of  
Some Minnesota Mayflies (Ephem-  
eroptera) with Special Reference  
to Immature Stages

SUSAN COONS DEES  
B.A. '30, Goucher College  
M.D. '34, Johns Hopkins University  
Major, Bacteriology (Immunology)  
Minor, Pediatrics  
Thesis, A Study of the in Vivo and  
in Vitro Effect of Various Chemi-  
cal Agents on the Weltmann Re-  
action

CLARENCE DENNIS  
B.S. '31, Harvard College  
M.D. '35, Johns Hopkins University  
Major, Physiology  
Minor, Surgery  
Thesis, Studies on Intestinal Ab-  
sorption and Secretion

KONIGAPOGU JOSEPH DEVADANAM  
B.A. '30, Indiana University  
M.S. '36, Northwestern University  
Major, Animal Husbandry  
Plan B without thesis

- EDWARD GILBERT DOBRICK, JR.  
 E.M. in Geol. '37, University of  
 Minnesota  
 Major, Geology  
 Minor, Metallurgy  
 Thesis, Gaseous Transfer of Com-  
 pounds in Aqueous Solutions and  
 Its Bearing on Magmatic Differ-  
 entiation
- ERWIN RUDOLPH DRAHEIM  
 B.S. '33, University of Minnesota  
 Major, Agricultural Education  
 Plan B without thesis
- LINCOLN ELLISON  
 B.A. '31, University of California at  
 Los Angeles  
 Major, Botany (Ecology)  
 Minor, Biometry  
 Thesis, A Comparison of Methods  
 of Quadratting Shortgrass Vegeta-  
 tion
- HOWARD ISAAC GOFORTH  
 B.S. '36, University of Arkansas  
 Major, Dairy Husbandry  
 Plan B without thesis
- ALVA JUSTICE HALEY  
 E.M. '25, University of Minnesota  
 Major, Geology  
 Minor, Mining  
 Thesis, Geology of Campana, Chile
- ROY AL HALVERSEN  
 Ed.B. '30, Oshkosh State Teachers  
 College  
 Major, Analytical Chemistry  
 Minor, Physical Chemistry  
 Thesis, The Coprecipitation of Lead  
 Nitrate with Lead Sulfate
- HANS PETER HANSON  
 B.S. '14, Iowa State College  
 Major, Agricultural Economics  
 Plan B without thesis
- YVETTE HARDMAN  
 B.A. '36, Bennington College  
 Major, Bacteriology  
 Minor, Agricultural Biochemistry  
 Thesis, Some Filamentous Bacteria  
 from Wisconsin Lakes
- FRANK CARNEGIE LAWRENCE HARRING-  
 TON  
 B.A. '32, Morningside College  
 Major, Agricultural Biochemistry  
 Minor, Plant Physiology  
 Thesis, The Effect of Steaming on  
 Certain Chemical Components of  
 Southern Yellow Pine
- WALDON HOUSTON HASTINGS  
 B.S. '34, University of Maine  
 Major, Physiologic Chemistry  
 Minor, Botany  
 Thesis, Studies on a Splenic Extract  
 Causing Regression of Trans-  
 planted Mouse Tumor
- HAROLD RAY HESTER  
 D.V.M. '34, Colorado Agricultural  
 College  
 Major, Comparative Pathology  
 Minor, Physiology  
 Thesis, A Study of the Normal and  
 Pathologic Kidney of the Domestic  
 Chicken (*Gallus Domesticus*)
- LAURENCE ELMER HINER  
 B.S. '31, Iowa State College  
 Major, Economic Zoology  
 Minor, Botany  
 Thesis, Some Studies of Hair of  
 Mammals Native to Minnesota
- WILLIAM HORWITZ  
 B.S. '37, University of Chicago  
 Major, Chemistry  
 Plan B without thesis

- ROBLEY WILLIAM HUNT  
 B.S. '31, University of Minnesota  
 Major, Economic Zoology  
 Minor, Forestry  
 Thesis, Studies on Census Methods  
 of Ruffed Grouse
- JAMES LEROY JENSEN  
 B.S. '37, University of Minnesota  
 Major, Biochemistry  
 Minor, Physiology  
 Thesis, A Study of Day to Day Variations in the Calcium, Inorganic Phosphorus and Phosphatase in Whole Blood and Blood Plasma of Dairy Cattle
- CLEMENS M. KAUFMAN  
 B.A. '36, Bethel College  
 Major, Forestry  
 Minor, Soils  
 Thesis, A Study of the Root Development of Cottonwood (*Populus deltoides* var. *virginiana* Sarg.) on Two Islands in the Arkansas River near. Bentley, Kansas
- MILTON FREDRICK KERNKAMP  
 B.S. '34, University of Minnesota  
 Major, Plant Pathology  
 Minor, Botany  
 Thesis, The Relative Effect of Genetic and Environmental Factors on Growth Types of *Ustilago zaeae*
- RUBY RACHEL KNUDSON  
 B.S. '30, University of Minnesota  
 Major, Home Economics  
 Plan B without thesis
- BERNARD LEO KREILKAMP  
 B.S. '37, University of Minnesota  
 Major, Anatomy  
 Minor, Pathology  
 Thesis, The Development of the Musculus Proprius of the Ductus Pancreaticus Accessorius
- LESTER JAMES McCANN  
 B.S. '37, University of Minnesota  
 Major, Economic Zoology  
 Minor, Biochemistry  
 Thesis, Studies on the Grit Requirements of Certain Gallinaceous Game Birds
- JOHN CUMMINGS McCOOL  
 B.S. *magna cum laude* '36, College of St. Thomas  
 Major, Organic Chemistry  
 Plan B without thesis
- WALTER JUNIOR MCCOY  
 B.E. '36, Eau Claire State Teachers College  
 Major, Analytical Chemistry  
 Minor, Physical Chemistry  
 Thesis, Use of Diphenylcarbazine and Its Derivatives in Analytical Chemistry
- ROYSE PEAK MURPHY  
 B.S. '36, Kansas State College  
 Major, Agronomy and Plant Genetics  
 Minor, Plant Pathology  
 Thesis, The Emergence of Grass and Legume Seedlings Planted at Different Depths in Five Soil Types
- INEZ AMANDA NIENOW  
 B.S. '34, Stout Institute  
 Major, Home Economics  
 Minor, Biochemistry  
 Thesis, Effect of Moisture upon Press Fluid, Tenderness, and Losses of Heated Beef Muscle
- OTIS TRUMAN OSGOOD  
 B.S.A. '31, University of Arkansas  
 Major, Agricultural Economics  
 Plan B without thesis

- ROBERT WILLARD PERLICH  
B.Ch. '37, University of Minnesota  
Major, Analytical Chemistry  
Minor, Inorganic Chemistry  
Thesis, The Solubility of Lead and Mercury Salts
- YU-CHI WANG  
B.S. '30, National Central University  
Major, Anatomy  
Minor, Anthropology  
Thesis, The Measurement of a Selected Human Brain
- ROGER MINSKE REINECKE  
B.S. '37, University of Minnesota  
Major, Anatomy  
Minor, Physiology  
Thesis, Changes in the Weight of the Body and Organs Following the Administration of Anterior Pituitary Growth Hormone
- ALLEN INGOLF WHITE  
B.S. '37, University of Minnesota  
Major, Pharmaceutical Chemistry  
Minor, Pharmacology  
Thesis, A Phytochemical Study of *Balsamorhiza sagitta*
- CHARLES GELDMAN SAGE  
B.S. *magna cum laude* '35, University of Minnesota  
Major, Physics  
Minor, Physical Chemistry  
Thesis, Intermolecular Forces and the Raman Effect
- WILLIAM CARROLL WHITE  
B.S. '36, College of St. Thomas  
Major, Physics  
Minor, Mathematics  
Thesis, X-ray Analysis Applied to Steels
- RUTH FLORENCE MATHILDA SEGOLSON  
B.S. '25, University of Minnesota  
Major, Home Economics  
Plan B without thesis
- EINAR THEODORE WULFSBERG  
B.A. '33, Luther College  
Major, Analytical Chemistry  
Minor, Chemical Engineering  
Thesis, The Adsorption of Salts by Barium Sulfate from Fifty Per Cent Ethanol
- TEH-CHI TSIANG  
B.S. '34, University of Nanking  
Major, Agronomy  
Minor, Agricultural Economics  
Thesis, The Production and Distribution of Pure Seed in China
- JOHN FRANK ZALAR  
B.Ch.E. '35, University of Minnesota  
Major, Plant Physiology  
Minor, Biochemistry  
Thesis, A Quantitative Study of Ethylene Formation by the Banana Fruit during the Process of Ripening

## MASTERS OF SCIENCE

### *In Psychometrics*

- MILTON EDWIN HAHN  
B.A. '27, Hamline University  
Major, Psychometrics  
Thesis, The Development of a Clinical Student Personnel Program at the Senior High School Level
- JANE LOEVINGER  
B.A. '37, University of Minnesota  
Major, Psychometrics  
Thesis, An Analysis of Verbal and Numerical Abilities at the Junior High School Level

## MASTERS OF SCIENCE

### *In Aeronautical Engineering*

RUSSELL MANSFIELD CARLSON

B.Aero.E. '36, University of Minnesota

Major, Aeronautical Engineering  
Plan B without thesis

GORDON HAAKON STROM

B.Aero.E. '36, University of Minnesota

Major, Aeronautical Engineering  
Plan B without thesis

## MASTERS OF SCIENCE

### *In Civil Engineering*

CHARLES WESLEY BRITZIUS

B.C.E. '33, University of Minnesota  
Major, Civil Engineering (Highway Engineering)

Minor, Mathematics and Mechanics  
Thesis, Permanence of Soil Densification in Highway Construction

GLENN IRVING ELLINGSON

B.S. '36, South Dakota State College  
Major, Civil Engineering (Highway Engineering)

Minor, Economics  
Thesis, The Stabilizing Effects of Admixtures on Subgrade Soils

## MASTERS OF SCIENCE

### *In Electrical Engineering*

JOHN AUGUST BERNER

B.E.E. '30, University of Minnesota  
Major, Electrical Engineering  
Plan B without thesis

FRED AUGUST FROMKE

B.S. with high honor '32, South Dakota State College  
Major, Electrical Engineering  
Plan B without thesis

JOHN HERRING MERRIMAN

B.E.E. '30, University of Minnesota  
Major, Electrical Engineering  
Plan B without thesis

## MASTERS OF SCIENCE

### *In Mechanical Engineering*

JESSE MARCUS CAMPBELL

B.S. '29, Mississippi State College  
Major, Mechanical Engineering  
Plan B without thesis

RUSSELL EVERETT GIBBS

B.S.M.E. '29, M.E. '34, Purdue University  
Major, Mechanical Engineering  
Minor, Electrical Engineering  
Thesis, Allocation of Costs in a Combined Power and Heating Plant

## MEDICAL SCHOOL

Candidates presented by Harold S. Diehl, M.A., M.D., D.Sc., Dean of the  
Medical Sciences

Marshals: ELDON W. ERICKSON

JACK KAPLAN

### BACHELOR OF MEDICINE

†with distinction

CHARLES THEODORE EGINTON, B.A., B.S.

### BACHELORS OF MEDICINE

CHARLES LEONARD ANDERSON, B.S.	MORRIS FREEDLAND, B.S.
HUBERT LOUIS ANDERSON, B.S.	JOHN N. FURST, B.S.
JOSEPH LAWRENCE ARKO, B.S.	FRANCIS E. GILES, B.S.
ALBERT IRWIN BALMER, B.A., B.S.	GILMAN HENRY GOEHRS, B.A.
RUSSELL GEORGE BARNES, JR., B.S.	FREDERICK OTTO GRAEBER, B.S.
JOSEPH MORTON BARNETT, B.S.	HOWARD HALL, B.S.
SOLVEIG MARGARET BERGH, B.S.	OTTO LYMAN HANSON, B.S.
ROBERT EDWARD LEE BERRY, B.S.	NORMAN GEORGE HEDEMARK, B.S.
IVAN EDWARD BIGLER, B.S.	MYRON JACOB HERTZ, B.S.
ISRAEL BINDER, B.S.	LINNEUS G. IDSTROM, B.A.
VICTOR JACK BIRNBERG, B.A.	HENRY JURGEN JERONIMUS, JR., B.A.
HERBERT MILTON BLAIR, B.S.	ALLEN GRAY JOHNSON, B.S.
LEONARD AMBROSE BOROWICZ, B.S.	LEONARD LESTER KALLESTAD, B.S.
MARY SCARBOROUGH BOYDEN, B.A.	JACOB FRANCIS KARN, B.S.
JAMES WOLLARD BRATHOLDT, B.S.	ROBERT A. KATZ, B.A.
LESTER BRESLOW, B.A.	ELMER EDWARD KEITHAHN, B.A.
GEORGE EMERSON BROWN, B.A.	ALVIN BERNT CLIFFORD KNUDSON, B.S.
MARTIN STOWELL BUEHLER, B.S.	JOHN TSUKASA KOMETANI, B.S.
LORNE ALEXANDER CAMPBELL, JR., B.A.	LAURI EDWIN KOSKELA, B.S.
ARNOLD JOSEPH CHLAD, B.S. <i>summa cum laude</i>	ROBERT GORDON KVARNES, B.S.
HAROLD AUGUST CHRISTIANSEN, B.S.	LOIS RUTH LAMBERT, B.A. <i>cum laude</i>
EPHRAIM BERNARD COHEN, B.S. with distinction	CARL LEONARD LARSON, B.S.
ROBERT ASBURY COLLINS, B.S.	JOSEPH OLIVER LASBY, B.A.
JAMES HARRY CRAWFORD, B.S.	HERSH LICHT, B.A.
ROBERT ANTHONY DEMO, B.S.	MERLYN CARL FRED LINDERT, B.A.
MAX EIL, B.S.	STANLEY VINCENT LOFSNESS, B.S.
CARL NEIL EKMAN, B.S.	ALLEN EINER MAGNUSON, B.A.
JOHN VICTOR FARKAS, B.S.	MYRON HAROLD MATZ, B.A.
PHILIP FEINBERG	ROBERT FULLER MEARS, B.S.
CHARLES WILLIAM FOGARTY, JR., B.S.	EMERSON LOUIS MEYER, B.S.
	RAYMOND KENNETH MINGE, B.A.
	ROBERT DAVIS MOONEY, B.S.

† Candidates graduating with honors are identified by differentiated shoulder insignia.



WILLIAM FORSTER MORRISON, B.S.	LESLIE G. SEEBACH, B.S.
NICHOLAS FRANK MUSACHIO, B.S.	HOWARD ROBERT SEIDENSTEIN, B.A., M.A.
HENRY BLUM NACHTIGALL, B.S.	MICHAEL WILLIAM SILVER, B.A., M.A.
JOHN HALL O'LEARY, B.S.	GRAHAM GABLE SMITH, B.S.
EVA-JANE OSTERGREN, B.S.	MILTON B. SOREM
THEODORE C. PAPERMASTER, B.A.	AUBREY CECIL STAHR, B.S.
ROY CLARENCE PEDERSEN, B.S.	EDWARD LOUIS STREM, B.S.
EVERETT CYRUS RAVITS, B.S.	CARL OLIVER THOMPSON, B.S.
DONALD RICHARD READER, B.S.	ELMER HORTON TOFTELAND, B.S.
ROBERT JOSEPH RICHARDSON, B.S.	WILLIAM THOMAS WALSH, B.S.
JOHN JOSEPH SATORY, B.S.	RALPH DARROW WEIBLE, B.A.
MARY ALYCE SCHMIDT, B.S.	JOHN ARTHUR WILLIAMS, B.S.
HUGO FRANZ SCHROECKENSTEIN, B.A.	FERDINAND A. ZINTER, B.S., M.S.
HANNS CARL SCHWYZER, B.A.	

### DOCTORS OF MEDICINE\*

CARL WILLARD AHL, B.A., M.B.	EDWIN WAYNE HAKALA, B.S., M.B.
GEORGE WOODROW ANDERSON, M.B.	HARRY ALBERT HANSON, B.S., M.B.
JAMES BLANDING AREY, B.S., M.B.	JOHN ALBERT HARDIMAN, B.S., M.B.
FLORIAN HERMAN BAUMGARTNER, M.B.	ERLING TRYGVE HAUGE, B.S., M.B.
ARNETTA MARIE BECKER, B.S., M.B.	ROBERT TEDFORD HEWITT, M.B.
PHILIP RAINS BECKJORD, B.S., M.B.	WILLIAM HENRY HOLLINSHEAD, JR., B.S., M.B.
ABE E. BERMAN, B.S., M.B.	EMIL GUSTAVE HOLMSTROM, M.B.
ALBERT ALEXANDER BODASKI, B.S., M.B.	FRED C. HOLZAPFEL, B.A., B.S., M.B.
CARL GERALD CASPERS, B.S., M.B.	BERNARD J. HUGHES
JACK ISADORE CHALEK, B.S.E.E.	MARION DOUGLAS HURSH, B.S., M.B.
BYRON BARLOW COCHRANE, B.S., B.A., M.B.	KARL EUGENE JOHNSON, M.B.
THEODORE S. DRACHMAN, B.S., M.B.	ORVILLE HUGH JONES, B.S., M.B.
ARNOLD H. DYSTERHEFT, B.S., M.B.	ROBERT JAMES KAMISH, B.S., M.B.
GORDON McCLURE ERSKINE, B.S., M.B.	IRVINE MILLARD KARON, B.S., M.B.
SIDNEY M. FALK, B.S., M.B.	HYMAN KATZOVITZ, B.S., M.B.
WILLIAM EDMUND FITZSIMONS, B.A., B.S., M.B.	BERNARD G. LANNIN, B.S., M.B.
EDMUND BERNEY FLINK, M.B.	DOLOR JOHN LAUER, B.S., M.B.
CARL ADOLPH FOSMARK, B.A., B.S., M.B.	WILLIAM VINCENT LEARY, B.A., M.B.
DONALD BERNARD FRANE, B.S., M.B.	WILLIAM LOUIS LEHMAN, M.B.
HAROLD CHARLES FREEDMAN, B.S., M.B.	ROBERT CLAYTON LOFGREN, B.A., M.B.
DAVID GAVISER, B.A., M.B.	DWIGHT LEWIS MARTIN, B.S., M.B.
ELMER KILIAN GEORGE, M.B.	CHARLOTTE LOUISE MELLER, B.S., M.B.
ROBERT ALFRED GLABE, B.S.	ROBERT LOUIS MELLER, B.S., M.B.
RUSSEL GRANT, B.S., M.B.	ROBERT WILLIAM MERRILL, B.S., M.B.
JAMES ALDEN GRAVES, B.S., M.B.	JULES OWENS MEYER, B.A., M.B.
	EMMA FLORENCE MICKELSEN, B.S., M.B.
	LESLIE ARTHUR MOREN, B.A., M.B.

\* These degrees are conferred subject to the satisfactory completion of hospital internship within one month.

JAMES EDWARD MURPHY, B.S., M.B.	HOWARD ROBERT SEIDENSTEIN, B.A., M.A.
DONALD RICHARDSON NICHOLS, B.A., M.B.	LEON SELEY, B.A., M.B.
WALTER RUSSELL NICKEL, B.A., M.B.	JAMES THOMAS SHELDEN, M.B.
MILAN VACLAV NOVAK, B.A., B.S., M.S., M.B., Ph.D.	MICHAEL WILLIAM SILVER, B.A., M.A. BEN SOMMERS, B.A., M.B.
DUANE OLIVER CHARLES OLSON, B.S., M.B.	DONALD EDWARD STEWART, B.S., M.B. GORDON WILNARD STROM, B.A., M.B.
ELDON COMSTOCK OLSON, B.S., M.B.	HENDRIK J. SVIEN, B.A., M.B.
WILLIAM ALEXANDER OWENS, B.S., M.B.	GORDON HARRISON TESCH, B.A., M.B. BENEDICT TRACH, B.S., M.B.
EDWIN IRVINE PARSON, B.S., M.B.	ROBERT BRUCE TUDOR, B.S., M.B.
ELMER CLARENCE PAULSON, B.A.	FRANCIS MARK WALSH, B.S., M.B.
JOHN THOMAS PEWTERS, B.S., M.B.	BILL HENRY WILLIAMS, B.S., M.B.
HARRY LOUIS PLOTKE, B.S., M.B.	FREDERIC FRANCIS WIPPERMAN, B.S., M.B.
FRANK JOSEPH RIGOS, B.S., M.B.	WILLIAM WALTER WOOD, JR., B.S., M.B.
LEWIS JOSHUA ROBERTS, B.S., M.B.	SIDNEY FREDERICK YUGEND, B.S., M.B.
MAURICE CYPRIAN ROUSSEAU, M.B.	
LESLIE G. SEEBACH, B.S., M.B.	

## GRADUATE SCHOOL

Candidates presented by Wilford Stanton Miller, B.A., M.A., Ph.D., Acting  
Dean of the Graduate School

### MASTER OF SCIENCE

#### *In Dermatology and Syphilology*

FREDERIC THEODORE BECKER  
M.D. '35, University of Minnesota  
Major, Dermatology and Syphilology  
Minor, Pathology  
Thesis, Attempted Immunization of  
Rabbits Against Experimental  
Syphilis by the Production of  
Positive Wassermann and Floccula-  
tion Reactions after Inoculation  
with Flocculate from Cases of  
Tertiary Syphilis

## MASTERS OF SCIENCE

### *In Medicine*

EDWARD WARD BOLAND

B.S. '31, M.D. '33, St. Louis University

Major, Medicine

Minor, Pathology

Thesis, Hepatic Cirrhosis Developing in the Course of Cardiac De-compensation (the So-called "Cardiac Cirrhosis")

ROBERT JAMES COFFEY

M.D. '32, Georgetown University

Major, Medicine

Minor, Pathology

Thesis, Multiple Adenomatosis and the Polyposis of Chronic Ulcerative Colitis: A Comparative Clinicopathological Study

IRVING ERSHLER

B.A. '28, M.D. '31, George Washington University

Major, Medicine

Minor, Pathology

Thesis, Capillary Pressure Studies in Man

MAURICE PATRICK FOLEY

B.S. '27, University of Washington

M.D. '31, University of Pennsylvania

Major, Medicine

Minor, Pathology

Thesis, Metabolic Studies in Cases of Pituitary Tumor

WALTER FREDERICK KVALE

M.D. '34, Northwestern University

Major, Medicine

Minor, Pathology

Thesis, The Velocity of the Flow of Blood in the Arteries and Veins of Man with Particular Emphasis on Speed of Arterial Circulation

PAUL HENRY NOTH

B.S. '31, M.D. '32, University of Minnesota

Major, Medicine

Minor, Physiology

Thesis, The Electrocardiogram in Pericarditis

## MASTER OF SCIENCE

### *In Neurology*

LODWICK STERRITT MERIWETHER

B.A. '23, Washington and Lee University

B.S. '27, M.S. '29, Virginia Polytechnic Institute

M.D. '31, M.S. '32, University of Virginia

Major, Neurology

Minor, Pathology

Thesis, Technic in the Investigation of Paresis

## MASTER OF SCIENCE

### *In Neurology and Psychiatry*

LEALDES MCKENDREE EATON

B.S. '27, University of Chicago

M.D. '32, Rush Medical College

Majors, Neurology and Psychiatry

Minor, Pathology

Thesis, Symmetrical Cerebral Calcification, Particularly of the Basal Ganglia, Demonstrable Roentgenographically. Calcification of the Finer Cerebral Blood Vessels

## MASTERS OF SCIENCE

### *In Neurosurgery*

HAROLD FERDINAND BUCHSTEIN

B.A. '30, M.D. '34, University of Minnesota

Major, Neurosurgery

Minor, Neuropathology

Thesis, Tuberculoma of the Central Nervous System

FRANCIS ABBOTT CARMICHAEL, JR.

B.A. '30, University of Kansas

M.D. '34, University of Pennsylvania

Major, Neurosurgery

Minor, Neuropathology

Thesis, The Histopathogenesis of Cerebral Abscess

WILLIAM RUTLEDGE LIPSCOMB

B.A. '29, M.D. '32, University of Colorado

Major, Neurosurgery

Minor, Neuropathology

Thesis, A Transition of the Gliomas: the So-called Protoplasmic Astrocytomas(?)

## MASTER OF SCIENCE

### *In Ophthalmology*

PAUL LEO CUSICK

B.S. '30, University of Detroit

M.D. '31, Detroit College of Medicine and Surgery

Major, Ophthalmology

Minor, Pathology

Thesis, Changes in the Retinal Arterioles of Patients during Induced Vasospastic Reaction

MASTER OF SCIENCE

*In Orthopedic Surgery*

JOHN ROBERT BLACK  
M.D.C.M. '34, McGill University  
Major, Orthopedic Surgery  
Minor, Pathology  
Thesis, Senile Osteoporosis of the  
Spine

MASTER OF SCIENCE

*In Otolaryngology*

FRITZ DRAPER HURD  
B.S. '16, Gettysburg College  
M.D. '24, University of Minnesota  
Major, Otolaryngology  
Minor, Anatomy  
Thesis, Hearing Loss in the Univer-  
sity Age Group. A Study of 180  
Cases

MASTER OF SCIENCE

*In Pathology*

ARCHIE HERBERT BAGGENSTOSS  
B.A. '30, B.S. '31, University of  
North Dakota  
M.D. '33, University of Cincinnati  
Major, Pathology  
Minor, Clinical Pathology  
Thesis, The Duodenal Papillae with  
Special Reference to the Normal  
and Pathologic Anatomy of the  
Mucosa

MASTERS OF SCIENCE

*In Pediatrics*

MOE GOLDSTEIN	GEORGE MAKSIM
B.A. '30, Cornell University	M.D. '33, Temple University
M.D. '35, University of Minnesota	Major, Pediatrics
Major, Pediatrics	Minor, Pathology
Minor, Pathology	Thesis, A Study of the Status of
Thesis, The Pathogenicity of Cocci	Diphtheria Immunity and the Re-
Isolated from the Urine	sults of Active Immunization in
	Rochester Children as Manifested
	by Schick Test Responses

CHARLES EDWARD WARD  
B.S. '28, University of Mississippi  
M.D. '30, Tulane University  
Major, Pediatrics  
Minor, Physiology  
Thesis, Separation of Proteins  
of Horse Serum by Acetone, Ethyl  
Alcohol, and Methyl Alcohol

## MASTERS OF SCIENCE

### *In Proctology*

RAYMOND JOSEPH JACKMAN  
M.D. '30, University of Iowa  
Major, Proctology  
Minor, Pathology  
Thesis, The Role of Tuberculosis in  
Anal Fistula

DONALD ROTH LAIRD  
B.A. '28, Grinnell College  
M.D. '34, Rush Medical College  
Major, Proctology  
Minor, Pathology  
Thesis, A Comparison of Dukes' and  
Broders' Classification of Carci-  
noma of the Rectum in Relation to  
Prognosis

## MASTER OF SCIENCE

### *In Radiology*

CLARENCE ALLEN GOOD, JR.  
B.A. '29, Williams College  
M.D. '33, Washington University  
Major, Radiology  
Minor, Pathology  
Thesis, The Influence of Extrabiliary  
Disease upon the Function of the  
Gallbladder. A Cholecystographic  
Study

## MASTERS OF SCIENCE

### *In Surgery*

GEORGE STANSBURY BAKER  
B.A. '27, Western Maryland College  
M.A. '29, Dartmouth College  
M.D. '33, University of Maryland  
Major, Surgery  
Minor, Pathology  
Thesis, Tuberculosis of the Thyroid  
Gland

OSCAR THERON CLAGETT  
M.D. '33, University of Colorado  
Major, Surgery  
Minor, Pathology  
Thesis, Tuberculosis of the Stomach

EVERETT BRYAN LEWIS

B.A. '29, Austin College  
M.D. '33, University of Pennsylvania  
Major, Surgery  
Minor, Pathology  
Thesis, The Effect of Removal of  
the Pyloric Antrum Mucosa on the  
Secretion of Acid by the Stomach

WALTER SCOTT NETTROUR

B.A. '26, M.D. '31, University of  
Pittsburgh  
Major, Surgery  
Minor, Pathology  
Thesis, The Relation of Bile Acids  
in the Bile to Liver Damage in  
Biliary Disease

WYATT COLLIER SIMPSON

B.A. '27, University of Alabama  
M.D. '31, Harvard University  
Major, Surgery  
Minor, Pathology  
Thesis, The Mural Penetration of  
the Cancer Cell in the Colon: Ana-  
tomic and Clinical Study

EMERSON JOSEPH STEENROD

M.D. '33, B.S. '35, University of  
Pittsburgh  
Major, Surgery  
Minor, Pathology  
Thesis, Anorectal Actinomycosis

HARRISON RAWLINGS WESSON

B.S. '25, William and Mary College  
M.D. '29, University of Virginia  
Major, Surgery  
Minor, Pathology  
Thesis, The Ileocecal Junction with  
Special Reference to the Muscula-  
ture, Lymphatic Block, and Physi-  
ology

LUTHER HORN WOLFF

B.A. '28, Roanoke College  
M.D. '32, University of Pennsylvania  
Major, Surgery  
Minor, Physiology  
Thesis, The Effect of Certain Drugs  
on the Colon of the Dog Follow-  
ing Parenteral Administration

MASTER OF SCIENCE

*In Urology*

THOMAS ROBERT MONTGOMERY

B.A. '29, M.D. '32, University of Ore-  
gon  
Major, Urology  
Minor, Pathology  
Thesis, A Comparative Study of Ac-  
quired Unilateral Renal Atrophy  
and Congenital Renal Hypoplasia

## DOCTORS OF PHILOSOPHY

### RUSSELL CHARLES ARTIST

B.S. '32, Butler University  
M.S. '34, Northwestern University  
Major, Botany  
Minor, Geology  
Thesis, Pollen Spectrum Studies on  
the Anoka Sand Plain in Minne-  
sota  
Major Adviser, Prof. W. S. Cooper

### LOUISE FULTON BUSH

B.A. '28, Friends University  
M.A. '31, Kansas University  
Major, Entomology  
Minor, Plant Pathology  
Thesis, The Transmission of Certain  
Virus Diseases of Tomato by  
Aphids  
Major Adviser, Prof. A. A. Granov-  
sky

### CHARLES ERNEST CALVERLEY

B.Ch. '31, M.S. '32, University of  
Minnesota  
Major, Agricultural Biochemistry  
Minor, Zoology  
Thesis, A Study of Certain Physio-  
logical and Metabolic Factors Re-  
lated to Efficiency of Food Utiliza-  
tion for Growth  
Major Adviser, Prof. L. S. Palmer

### ROBERT CALDER CASSELL

B.S. '30, Iowa State College  
M.S. '32, University of Idaho  
Major, Plant Pathology  
Minor, Plant Breeding  
Thesis, Factors Affecting the Distri-  
bution of Physiologic Races of  
*Puccinia graminis tritici* Erikss.  
and Henn.  
Major Adviser, Prof. E. C. Stakman

### STUART WELLFORD COOK

B.A. '34, M.A. '35, University of  
Richmond  
Major, Psychology  
Minor, Zoology  
Thesis, The Production of "Experi-  
mental Neurosis" in the White  
Rat  
Major Adviser, Prof. W. T. Heron

### ANTHONY ORVILLE DAHL

B.S. '32, M.S. '33, University of Min-  
nesota  
Major, Botany  
Minor, Plant Genetics  
Thesis, Cytological and Taxonomic  
Studies in the Genus *Anemone L.*  
Major Adviser, Prof. C. O. Rosen-  
dahl

### FREDRICK REES PRICE DAVIES

B.S. '30, M.S. '32, University of Al-  
berta  
Major, Plant Pathology  
Minors, Genetics and Plant Breeding  
Thesis, Studies on the Nature of  
Variation in Some Members of the  
*Fungi Imperfecti*  
Major Adviser, Prof. E. C. Stakman

### WALTER SHERMAN DYER

B.S. '24, University of Arkansas  
M.S. '25, University of Minnesota  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, The Oxidation of Benzophe-  
none Oxime  
Major Adviser, Prof. W. M. Lauer



- FRANK LEROY FLEMING  
 B.S. '14, Kansas State College  
 M.S. '28, University of Wyoming  
 Major, Agricultural Economics  
 Minor, Economics  
 Thesis, Economic Aspects of Soil  
 Conservation and Production Con-  
 trol in the Corn Belt  
 Major Adviser, Prof. O. B. Jesness
- LOUISE WARD GATES  
 B.A. '28, Wellesley College  
 M.A. '31, Brown University  
 Major, Child Welfare  
 Minor, Psychology  
 Thesis, An Experimental Study of  
 the Relationship between So-called  
 Trial and Error and Rational  
 Methods of Learning in Children,  
 and the Genetic Development of  
 These Methods with Age and  
 Learning Ability  
 Major Adviser, Prof. F. L. Good-  
 enough
- KARL JOHN GOLDNER  
 B.S. in Pharm. '30, M.S. '32, Univer-  
 sity of Minnesota  
 Major, Pharmaceutical Chemistry  
 Minor, Organic Chemistry  
 Thesis, The Preparation of the  
 Mannonic Lactones from the Seeds  
 of the Date Palm (*Phoenix dacty-  
 lifera*) and a Study of Their Ac-  
 tion and That of New Derivatives  
 upon Gastric Mucin Smears  
 Major Adviser, Dean C. H. Rogers
- ELIZABETH ANNE GRAVES  
 B.A. '34, M.A. '34, University of  
 Minnesota  
 Major, Psychology  
 Minor, Zoology  
 Thesis, The Genetic Basis of Activ-  
 ity in the Albino Rat  
 Major Adviser, Prof. W. T. Heron
- LESTER SAMUEL GUSS  
 B.S. '23, M.S. '25, University of  
 North Dakota  
 Major, Physical Chemistry  
 Minor, Analytical Chemistry  
 Thesis, Acid-Base Indicators in  
 Methanol  
 Major Adviser, Prof. I. M. Kolthoff
- ROY BAMFORD HACKMAN  
 B.A. '33, M.A. '34, University of  
 Nebraska  
 Major, Psychology  
 Minor, Educational Psychology  
 Thesis, An Analysis of Certain Fac-  
 tors Operating in the Reaction of  
 the Eye to Suddenly Appearing  
 Peripheral Stimuli  
 Major Adviser, Prof. M. A. Tinker
- LOUIS INGVALD HANSEN  
 B.A. '28, Augsburg College  
 M.S. '35, University of Minnesota  
 Major, Organic Chemistry  
 Minor, Biochemistry  
 Thesis, The Synthesis of Alpha-  
 (Ortho and Para-Methoxyphenyl)-  
 Propionic Acids and Related Com-  
 pounds  
 Major Adviser, Prof. W. M. Lauer
- AMBROSE JOHN HERTZOG  
 B.S. '28, Springhill College  
 M.S. in Path. '37, University of Min-  
 nesota  
 Major, Pathology  
 Minors, Bacteriology and Anatomy  
 (Hematology)  
 Thesis, The Phagocytic Activity of  
 Human Leukocytes with Special  
 Reference to Their Type and Ma-  
 turity  
 Major Adviser, Dr. E. T. Bell

- ARTHUR GERHARD HOFF  
 B.E. '28, Superior State Teachers College  
 M.A. '30, State University of Iowa  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Study of the Adequacy and Effectiveness of Five Teachers' Retirement Systems Operating in the States of Minnesota and Wisconsin  
 Major Adviser, Prof. M. G. Neale
- EDWARD FREDERICK KOLLER  
 B.A. '29, Augustana College  
 M.A. '33, University of Minnesota  
 Major, Economics  
 Minor, Agricultural Economics  
 Thesis, A Study of the Economic Factors Affecting the Efficiency of Minnesota Creameries with Suggestions for Readjustment of the Creamery Industry  
 Major Adviser, Prof. J. W. Stehman
- ROLF KARL MICHAEL LANDSHOFF  
 Dipl. Ing. '34, Dr. Ing. '36, Technische Hochschule (Berlin)  
 Major, Physics  
 Minor, Mathematics  
 Thesis, The Influence of Chemical Binding and Crystal Structure on X-ray Absorption Edges  
 Major Adviser, Prof. E. L. Hill
- ARTHUR JAMES LARSEN  
 B.S. '26, M.A. '31, University of Minnesota  
 Major, History  
 Minor, Economics  
 Thesis, The Development of the Minnesota Road System  
 Major Adviser, Prof. T. C. Blegen
- JAMES JOSEPH LINGANE  
 B.Ch. '35, University of Minnesota  
 Major, Physical Chemistry  
 Minor, Analytical Chemistry  
 Thesis, A Study of the Fundamental Principles of Electrolysis with the Dropping Mercury Electrode  
 Major Adviser, Prof. I. M. Kolthoff
- RODNEY COURTNEY LOEHR  
 B.A. *magna cum laude* '30, M.A. '31, University of Minnesota  
 Major, History  
 Minor, Political Science  
 Thesis, The Influence of English Agriculture upon American Agriculture, 1775-1825  
 Major Adviser, Prof. Herbert Heaton
- ROBEN JOHNE MAASKE  
 B.A. '27, University of Nebraska  
 M.A. '36, University of Oregon  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Factors in the Prognosis of Scholastic Success in the University of Minnesota School of Business Administration  
 Major Adviser, Prof. H. R. Douglass
- FRANCIS WILLIS MARTIN  
 B.Ch. with distinction '33, University of Minnesota  
 Major, Physical Chemistry  
 Minor, Physics  
 Thesis, A Study of the Polymerization of Acetylene by Slow Electrons of Controlled Energy  
 Major Adviser, Prof. G. B. Glockler
- JULIAN LEWIS MAYNARD  
 B.A. '23, University of Cincinnati  
 M.S. '31, University of Minnesota  
 Major, Inorganic Chemistry  
 Minor, Organic Chemistry  
 Thesis, A Qualitative Procedure for the Analysis of Group II  
 Major Adviser, Prof. M. C. Sneed

BHUPENDRA NATH MITRA

B.S. '26, M.S. '27, D.Sc., '36, University of Dacca (India)

Major, Agricultural Biochemistry

Minor, Bacteriology

Thesis, Some Chemical Studies on Cholera Vibrios and Related Organisms

Major Adviser, Prof. R. A. Gortner

ARTHUR NASH

B.A. '22, Augsburg College

Major, Botany (Phycology)

Minor, Zoology

Thesis, The Cyanophyceae of the Thermal Regions of Yellowstone National Park, U.S.A., and of Rotorua and Whakarewarewa, New Zealand; with Some Ecological Data

Major Adviser, Prof. G. O. Burr

ALBERT STEPHEN O'BRIEN

B.S. '33, Wheaton College

Major, Analytical Chemistry

Minor, Physical Chemistry

Thesis, The Aging of Freshly Precipitated Silver Bromide

Major Adviser, Prof. I. M. Kolthoff

FLOYD C. OLSON

B.A. '29, St. Olaf College

M.S. '35, University of Minnesota

Major, Agricultural Biochemistry

Minors, Zoology and Agronomy

Thesis, A Comparative Study of Chemical and Biochemical Methods for Determining the Nutritive Value of Proteins for Growth

Major Adviser, Prof. L. S. Palmer

LYLE GROFF OVERHOLSER

B.S. *cum laude* '33, Jamestown College

M.S. '35, University of Minnesota

Major, Analytical Chemistry

Minor, Physical Chemistry

Thesis, The Adsorption of Metallic Ions on and Coprecipitation with Hydrated Ferric Oxide; Aging of Hydrated Ferric Oxide

Major Adviser, Prof. I. M. Kolthoff

GLENN HAROLD PEEBLES

B.S. '25, M.S. '28, Northwestern University

Major, Mathematics

Minor, Physics

Thesis, Some Generalizations of the Theory of Orthogonal Polynomials

Major Adviser, Prof. Dunham Jackson

MALCOLM MACKENZIE RENFREW

B.S. '32, M.S. '34, University of Idaho

Major, Physical Chemistry

Minor, Organic Chemistry

Thesis, A Study of Molecular Structure by the Raman Method

Major Adviser, Prof. G. B. Glockler

RAYMOND ROLLINS ROEPKE

B.S. '33, M.S. '34, Kansas State College

Major, Biophysics

Minor, Biochemistry

Thesis, A Study of the Osmotic Properties of Blood by the Thermoelectric Method

Major Adviser, Dr. J. E. Baldes

- SISTER MARY BRIGETTA MCCARTHY  
Ph.B. '22, University of Chicago  
Major, English  
Minor, Romance Languages  
(French)  
Thesis, The English Lyrics of the  
Fourteenth Century  
Major Adviser, Prof. M. B. Ruud
- CHESTER REYNOLDS WASSON  
B.A. '29, University of Pittsburgh  
M.A. '31, Oberlin College  
Major, Sociology  
Minor, Economics  
Thesis, Socio-Economic Factors in  
the Rural Distress of St. Louis  
County, Minnesota  
Major Adviser, Prof. Lowry Nelson
- LLOYD BERTRAM SNYDER  
B.S. '15, M.S. '29, Iowa State College  
Major, Agricultural Economics  
Minor, Economics  
Thesis, The Tax System of Nebraska  
with Special Reference to Its Re-  
lation to Agriculture  
Major Adviser, Prof. O. B. Jesness
- ALFRED COTTER WELCH  
B.A. '34, M.A. '35, University of  
Minnesota  
Major, Psychology  
Minor, Economics  
Thesis, Consumer Attitude Criteria  
of Advertising Effectiveness  
Major Adviser, Prof. D. G. Pater-  
son
- OLOF ERNEST STAMBERG  
B.S. '34, University of Illinois  
M.S. '36, University of Minnesota  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, The Amyloses of Wheat  
Starch  
Major Adviser, Prof. C. H. Bailey
- SIMON HAROLD WENDER  
B.A. '34, M.S. '35, Emory Univer-  
sity  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, The Isolation of Photo-  
sensitizing Agents from Buck-  
wheat  
Major Adviser, Prof. R. A. Gortner

## DOCTOR OF PHILOSOPHY

### *In Experimental Surgery*

- WARREN COONS CORWIN  
B.A. '28, Yale University  
M.D. '32, Johns Hopkins University  
Major, Experimental Surgery  
Minor, Pathology  
Thesis, The Convulsions of Insulin  
Hypoglycemia  
Major Adviser, Dr. F. C. Mann

DOCTOR OF PHILOSOPHY

*In Pathology*

ARTHUR ALFRED NELSON

B.S. '34, M.S. '35, M.D. '35, University of Minnesota

Major, Pathology

Minor, Bacteriology

Thesis, The Histological Changes and the Variations in Weight of the Testes with Age and in Various Diseases

Major Adviser, Dr. E. T. Bell

DOCTOR OF PHILOSOPHY

*In Surgery*

JOHN RANDOLPH PAINE

B.A. '27, Harvard College

M.D. '31, Harvard Medical College

M.S. in Surg. '35, University of Minnesota

Major, Surgery

Minor, Physiology

Thesis, Studies in the Elasticity of the Lungs and Emphysema

Major Adviser, Dr. O. H. Wangensteen

## HONORS

### SIGMA XI

C. C. ALLEN  
ELIAS AMDUR  
GAYLORD W. ANDERSON  
RUSSELL C. ARTIST  
R. H. BARNES  
CATHERINE L. BECKER  
GORDON BENDIX  
ERNEST L. BERG  
REINER BONDE  
CHAUNCEY N. BORMAN  
WARNER F. BOWERS  
DANIEL E. BRADY  
SPENCER W. BROWN  
CHARLES E. CALVERLEY  
KWOH HWA CHEO  
STUART W. COOK  
RICHARD H. DAGGY  
FRED R. DAVIES  
MERRIL DISTAD  
HAROLD R. DODGE  
WALTER S. DYER  
LINCOLN ELLISON  
RALPH E. C. FREDRICKSON  
T. A. GEISSMAN  
BRUCE GILLESPIE  
ELIZABETH A. GRAVES  
LESTER S. GUSS  
PAUL S. HAGEN  
ROY HALVERSEN  
ROBERT O. HAXBY  
AMBROSE J. HERTZOG  
R. L. HEWITT  
JAMES W. HORNER, JR.  
ALBERT E. M. HOUK  
TUNG-HO HSIUNG

LAWRENCE T. JILK  
RICHARD KENDALL  
JOHN W. KIRKLIN  
FRED KOLOUCH, JR.  
BERNARD L. KREILKAMP  
ROLF LANDSHOFF  
L. A. LEWIS  
FRANK D. MANN  
ALBERT W. MARSH  
ROYSE P. MURPHY  
ARTHUR NASH  
ARTHUR A. NELSON  
J. WESLEY NELSON  
ALBERT S. O'BRIEN  
HERALD K. PALMER  
GLENN H. PEEBLES  
LEE H. PERSON  
GEORGE O. PIERCE  
BENJAMIN S. POMEROY  
CHARLES E. REA  
DAVID A. REID  
ROGER M. REINECKE  
M. M. RENFREW  
H. J. RICHTER  
JOHN A. RIDGWAY, JR.  
DAVID G. RYANS  
ALBERT B. SAVAGE  
J. C. SHAW  
JOSEPH A. SPRUNG  
NIKITA P. TARASSUK  
BERNARD A. WATSON  
SIMON H. WENDER  
JOSEPH A. WISE  
ARTHUR W. WISHART  
EINAR WULFSBERG

### SIGMA XI (MAYO FOUNDATION CHAPTER)

C. F. CODE  
E. N. COOK  
J. L. EMMETT  
J. B. ERICH

R. J. JACKMAN  
A. R. MACLEAN  
R. R. ROEPKE  
C. G. SUTHERLAND

## FELLOWSHIPS AND SCHOLARSHIPS

### HOME ECONOMICS ASSOCIATION SCHOLARSHIP

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### MARY L. BULL SCHOLARSHIP FUND

HAZEL M. MAHOOD

### MINNESOTA HOME ECONOMICS ASSOCIATION FRESHMAN SCHOLARSHIP

CONSTANCE A. CLAPP

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DOROTHY J. MERENESS

### CALEB DORR SPECIAL SCHOLARSHIPS

NILS H. GRIMSBO

HAROLD HASFJORD

MELVIN W. OLSON

### C. L. LEWIS, JR., SCHOLARSHIP IN FORESTRY

ANDREW HAUGHOM

### ITASCA PARK STUDENT CORPORATION SCHOLARSHIPS

CHARLOTTE W. DAWLEY

WILLIAM DARIEN DUNCAN

### SEARS ROEBUCK FRESHMAN AGRICULTURAL SCHOLARSHIPS

DOUGLAS N. ERICKSON

HAROLD SANDEN

RUDOLPH GUSTAFSON

SELMER SATRE

HARVEY HOYT

DONALD SCHLATTMAN

D. WAYNE JIMMERSON

HARLEY SHURSON

ANSLEY JOHNSON

OSCAR THORBECK

THEODORE JOHNSON

BEN TOMLINSON

GILBERT PRANGE

NEIL YOUNG

APPRECIATION DAY BAND SCHOLARSHIPS

ARTHUR DALE  
ORRIS HERFINDAHL

PAUL SOLIE  
DONALD YANACEK

CAPTAIN DE WITT JENNINGS PAYNE MEMORIAL  
SCHOLARSHIPS

CHARLOTTE ANDERSON

NANCY KING  
CAROL TURNER

MEDICAL SOCIAL WORK SCHOLARSHIP

THORDIS TANNER

MILLER HOSPITAL FELLOWSHIP

ROBERT MATTHEWS RAMSEY

FELLOWSHIP FOR GRADUATE STUDENTS IN  
SOCIAL WORK

MARGARET BLENKNER

MARION L. VANNIER SCHOLARSHIP

MARJORIE I. GOURLEY

PRIZES

ALUMNI WEEKLY GOLD MEDAL

NEWTON MARGULIES

ZETA PHI ETA PRIZES

*First prize*  
JOSEPH COHEN

*Second prize*  
EDWARD WEGENER

THOMAS F. ANDREWS UNDERGRADUATE RESEARCH  
PRIZES

PAUL S. HAGEN

L. A. LEWIS  
JOSEPH A. SPRUNG



DEAN E. M. FREEMAN MEDAL FOR STUDENT  
LEADERSHIP

PHILIP M. SCHROEDER

CHARLES LATHROP PACK FOUNDATION  
FORESTRY PRIZES

ORRIN J. FOLSOM

FOREST J. LANE

RICHARD E. SCHROEDER

CALEB DORR SPECIAL PRIZES

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ROGER F. ANDERSON  
ERNEST T. BAUGHMAN  
ELDON A. BEHR  
RICHARD BELKENGREN  
DAVID L. BRINK  
RUTH E. BUEGEL  
JAMES BUSSEY  
EDWARD C. CARLSON  
ELIZABETH CAVERT  
C. BRADFORD CROSTON  
FRED E. DICKINSON  
A. DOROTHY EGGEN  
M. CLIFFORD FLORINE  
JEANETTE E. GELIN

JULIA ANN GRANT  
LLOYD C. HALVORSON  
CLARENCE H. HANSON  
MARJORIE F. JORGENSEN  
BETHEL A. KLIMA  
KERMIT W. MILLER  
VERN A. MOLSTAD  
EDITH NORRIS  
MAX PARTCH  
ROBERT R. SCHUTZ  
JOHN TIMPERLEY  
LESTER E. TJERNLUND  
ROBERT R. WANGERIN  
CAROL C. WHITE  
BETTY ANN WITTMAN

RUSSELL WOLD

CALEB DORR SPECIAL SCHOLARSHIP PRIZE

ARDELL DAMSCHEN

ALPHA RHO CHI MEDAL

ROBERT R. PIERCE

DEGREES CONFERRED JULY 22, 1937

SCHOOL OF DENTISTRY  
GRADUATE DENTAL HYGIENIST

BETTY DILLON

GENERAL COLLEGE  
ASSOCIATE IN ARTS

JEAN CLAIRE HUSTLEBY

MEDICAL SCHOOL  
GRADUATES IN NURSING

JULIA B. HOVEN

EVELYN M. MARYLAND

COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

BACHELOR OF ARTS

*cum laude*

WILLIAM JAMES LLOYD, LL.B.

BACHELORS OF ARTS

MARY ALMAS

CLAUDE ROWE BAKER

LEO VICTOR BONNETT

JOHN ADRIAN BOOCK

GORDON HAROLD BURKLAND

ARTHUR LAWRENCE CARLSON

EARL LESLIE HACKING

LLOYD EUGENE HEDBURG

ELIZABETH ELDA LEASURE

STEWART JAMES MCCLENDON

MALCOLM CHARLES MOOS

ALICE ELIZABETH PARK

LEAH ROTHENBERG

CHARLES ROBERT SWEET

WALLY LAURENCE TAFT

HERBERT GORDON TAYLOR

JAMES VON WILLIAMS, JR.

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CHI-HSIA LI

WILMA CLARE SIVERTSEN

ALICE MARIE TITTERUD, A.A.

PAMELA CALDERWOOD WILLIAMS

INSTITUTE OF TECHNOLOGY

BACHELOR OF CHEMICAL ENGINEERING

*with high distinction*

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ALBERT WELLINGTON WILMARTH

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WILLIAM CLAYTON HAMILTON

*(Course in Home Economics)*

MABEL ADELAIDE JOHNSON

MARY THERESA LONGAR

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME  
ECONOMICS AND COLLEGE OF EDUCATION

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RUTH L. BONDE

ANNE V. THORBECK

LAW SCHOOL

BACHELOR OF SCIENCE

*In Law*

WILSON WRIGHT WIED

MEDICAL SCHOOL

BACHELOR OF SCIENCE

*cum laude*

FRANCES ELEANORE HILL

BACHELOR OF SCIENCE

*with distinction*

MARJORIE EUNICE HARTIG

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BARBARA MANTEL FISHBEIN

ELSIE MARIE STAMPE

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*with high distinction*

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HELENE M. BECKER

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DORA A. ENG	ALICE CLAIRE MCCAULEY
SARAH WALL FAULKNER	EVELYN S. PALMER
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NORINE OLENE BRECK	MAYBELL HILDEGARD MATTSON
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ESSIE CHRISTENSEN	AMY OLSON
HELEN MARIE CHRISTIANSEN	LUELLA M. OUTLAND
THOMAS MAXWELL CHRISTISON	LORRAINE MARGUERITE PRIEBE
WENONAH H. DAHL	BETTY RISING
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EVELYN LUVERNE DEEBLE	RUTH ELIZABETH RORSTAD
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MILDRED A. DREWS	MARY HELEN SCHMITZ
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IONE MARGARET GALLAGHER	STELLA R. STADHEM
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VERNON FENTON BEAUMONT  
B.A. '20, University of South Dakota  
Major, Economics  
Plan B without thesis

RUTH DUNCAN BEDDIE  
B.S. '28, University of Minnesota  
Major, History  
Minor, Sociology  
Thesis, The Panic of 1857 in Min-  
nesota

VIOLET ELVIRA BENSON  
B.E. '33, St. Cloud Teachers College  
Major, Educational Administration  
Minor, Political Science  
Thesis, A Diagnosis of the Difficul-  
ties in Solving Algebraic Equa-  
tions with One Unknown

- MARY ELIZABETH CARLETON  
B.S. '28, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- MARY FRANCES CLOUTIER  
B.E. '36, Superior State Teachers  
College  
Major, English  
Plan B without thesis
- GERTRUDE BEATRICE DANIELSON  
B.A. '32, University of South Dakota  
Major, Romance Languages  
(Spanish)  
Minor, History  
Thesis, Social Aspects of Mexico in  
the Novels of Francisca Betanzo
- JOSEPH HARRY WILFRED DAoust  
B.S. '35, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, Certain Constants Related to  
Bernstein's Theorem
- MAY HUBBARD DILLS  
B.S. '22, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- JEANIE DRUM  
B.A. '05, University of Minnesota  
Major, Educational Psychology  
Minor, Psychology  
Thesis, Scaled Achievement Tests for  
Biology Based upon the Accomplish-  
ment of Tenth Grade Pupils  
in the Minneapolis and Excelsior  
Schools
- DOROTHY TUNELL DYER  
B.S. '18, Ohio State University  
Major, Psychology  
Minor, Educational Psychology  
Thesis, The Relation between Voca-  
tional Interests of Men in College  
and Their Subsequent Occupational  
Histories for Ten Years
- DOROTHY JUNE EDWARDS  
B.A. '32, University of Minnesota  
Major, Child Welfare  
Plan B without thesis
- SWEN G. FROILAND  
B.A. '20, St. Olaf College  
Major, Educational Administration  
Plan B without thesis
- HAROLD ROLF HAVIG  
B.S. in Com. '23, University of Iowa  
Major, Education  
Plan B without thesis
- JOHN SEATON HICKMAN  
B.A. '34, University of California  
Major, Mathematics  
Minor, Physics  
Thesis, Problems of Closest Approx-  
imation in the Complex Domain
- ALTON DAVID HILL  
B.S. '33, University of Minnesota  
Major, Education  
Plan B without thesis
- MARIE O. HOLMES  
B.A. '20, Hamline University  
Major, Educational Psychology  
Plan B without thesis
- ARMIN GEORGE JAHR  
B.A. '31, University of Montana  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Rural Schools of Cas-  
cade County, Montana
- WESLEY ARTHUR KOHL  
B.A. '19, Macalester College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of the Results  
of an Intensive Instructional Year  
Program in Reading in the Sauk  
Centre Schools

- CLEMENS LANGEHAUG  
B.A. '24, St. Olaf College  
Major, Educational Administration  
Plan B without thesis
- MERROL RUDOLPH LARSON  
B.A. '28, Augsburg College  
Major, Educational Administration  
Plan B without thesis
- PALMA AMANDA LARSON  
B.A. *magna cum laude*, Augustana  
College  
Major, History  
Plan B without thesis
- ALFRED JENNINGS LEFFEL  
B.S. '33, College of the City of New  
York  
Major, English  
Plan B without thesis
- AGNES LINEHAN  
B.S. '33, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- EARL WILFRED LITSHEIM  
B.S. '36, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- BEN LUNDQUIST  
B.S. '29, University of Minnesota  
Major, Education  
Plan B without thesis
- ELDON WELLINGTON MASON  
B.A. '27, University of Minnesota  
Major, Education  
Plan B without thesis
- CALVIN HOWARD McCLINTOCK  
B.S. '24, University of Minnesota  
Major, Education  
Minor, Industrial Education  
Thesis, Industrial Arts Education in  
State Teachers Colleges
- MYRON CONNER MYERS  
B.S. '30, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- ROY CONRAD NELSON  
B.E. '31, Superior State Teachers  
College  
Major, Educational Administration  
Minor, Education  
Thesis, A Survey of Student Social  
Life in the Senior High Schools  
of Wisconsin
- ABIGAIL O'LEARY  
B.A. '10, University of Minnesota  
Major, English  
Plan B without thesis
- ADOLPHUS HOWARD PARKER  
B.A. '26, Union College  
Major, Education  
Minor, Educational Psychology  
Thesis, The Relation of Achievement  
in Physics to Intelligence and Cer-  
tain Phases of Previous Educa-  
tional Record
- HOWARD EDWARD REICHARDT  
B.S. *cum laude* '36, St. Mary's Col-  
lege  
Major, English  
Minor, Philosophy  
Thesis, Chaucer's "Prologue" to the  
*Canterbury Tales* Annotated Ac-  
cording to the A, B, and C Ver-  
sions of Langland's *Piers the Plow-  
man*
- MARIA JAKOB REIMER  
B.A. '34, Bethel College  
B.S. '36, University of Minnesota  
Major, German  
Plan B without thesis



GLAYDON DONALDSON ROBBINS  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Education  
Thesis, A Critical and Comparative  
Survey of the Stillwater, Minnesota  
Four Year High School

PHILIP JOSEPH SCHLESSINGER  
B.S. '37, University of Minnesota  
Major, Education  
Plan B without thesis

ETTA AMANDA SCOTT  
B.A. '25, Macalester College  
Major, Romance Languages (French)  
Minor, Education  
Thesis, The Philosophy of Lenor-  
mand as Seen in His Plays

SISTER MARY ALCUIN MCCARTHY  
B.A. '32, College of St. Teresa  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of Diagnostic  
Tests and Remedial Procedures in  
Elementary English Textbooks

RUBY-JEAN ADELENE SOBERG  
B.A. '36, Augustana College  
Major, Botany  
Plan B without thesis

ALFRED HERMAN YAGER  
B.S. '31, University of Minnesota  
Major, Educational Administration  
Plan B without thesis

MARY AGNES SWEENEY  
B.A. '21, College of St. Catherine  
Major, Education  
Minor, Educational Psychology  
Thesis, A Comparison of the Results  
Obtained from Teaching Separate  
Classes in English and General  
Science and an Integral Class in  
English-General Science

DOROTHY CAROL SWEET  
B.S. with distinction '33, University  
of Minnesota  
Major, Education  
Plan B without thesis

FREDERICK JOHN WAGNER  
B.A. '29, Capital University  
Major, English  
Minor, Comparative Literature  
Thesis, A Study of J. H. Shorthouse's  
*John Inglesant*

GRACE MARY WARNE  
B.A. '26, Macalester College  
Major, English  
Plan B without thesis

ELEANORE MARY WELTER  
B.A. '32, College of St. Benedict  
Major, English  
Plan B without thesis

## MASTERS OF SCIENCE

ALTON ANDERS ROBERT ANDERSON  
B.A. '30, Macalester College  
Major, Agricultural Economics  
Minor, Economics  
Thesis, A Study of the Beltrami  
Island Resettlement Project

ELEANOR JEFFERSON ANDERSON  
B.S. '30, University of Wisconsin  
Major, Home Economics  
Plan B without thesis

- PHYLLIS MAY BREWSTER  
 B.Sc. '36, University of Alberta  
 Major, Pharmaceutical Chemistry  
 Minor, Organic Chemistry  
 Thesis, Derivatives of Methionic Acid
- GEORGE DAVENPORT BROWN  
 B.S. '29, Roanoke College  
 M.D. '34, University of Rochester  
 Major, Child Welfare  
 Minor, Pediatrics  
 Thesis, A Study of Some Phases of  
 the Physical, Mental, and Person-  
 ality Development of the Diabetic  
 Child in Minnesota
- HSIOH-SHWEN CHU  
 B.S. '35, University of Nanking  
 Major, Agricultural Economics  
 Minor, Horticulture  
 Thesis, A Proposed Plan for Mar-  
 keting Citrus Fruits in China
- BARBARA MAE KENNEDY  
 B.A. '33, University of Minnesota  
 Major, Physiologic Chemistry  
 Minor, Organic Chemistry  
 Thesis, Serum Calcium and Magne-  
 sium in Normal and Allergic Con-  
 ditions
- PAUL ERWIN KUEHNE  
 B.A. '34, St. John's University  
 Major, Botany  
 Minor, Biometry  
 Thesis, Some Contributions to the  
 Knowledge of the Marine Algae  
 of Australia and New Zealand
- FRANK CHARLES LEWIS  
 B.A. '12, Carleton College  
 Major, Educational Administration  
 Plan B without thesis
- FRANK JEFFERSON MARTZ  
 B.S. '31, University of North Dakota  
 Major, Education  
 Plan B without thesis
- JOHN JOSEPH McCANN  
 B.S. '15, University of Minnesota  
 Major, Agricultural Education  
 Plan B without thesis
- ROSALIND LIFQUIST SIMON  
 B.S. '35, University of Minnesota  
 Major, Home Economics  
 Plan B without thesis
- IH CHIAO WANG  
 B.S. '32, University of Nanking  
 Major, Agricultural Economics  
 Minor, Economics  
 Thesis, An Analysis of One Hun-  
 dred Rural Cooperative Credit So-  
 cieties in Shensi Province, China

## MASTER OF SCIENCE

### *In Chemical Engineering*

- ALBERT BUCKLEY SAVAGE  
 B.A. '35, B.Ch.E. '35, University of  
 Minnesota  
 Major, Chemical Engineering  
 Minor, Organic Chemistry  
 Thesis, A Comparative Study of the  
 Effects of the Occurrence of Heart-  
 wood and Compression Wood upon  
 Sulfite Pulping of Jack Pine

MASTER OF SCIENCE

*In Electrical Engineering*

WILLIAM PAYNE SMITH  
B.E.E. '36, University of Minnesota  
Major, Electrical Engineering  
Plan B without thesis

ELECTRICAL ENGINEER

CARL EVERETT SWANSON  
B.S. in E.E. '27, M.S. in EE. '37,  
University of Minnesota  
Major, Electrical Engineering  
Minor, Mathematics  
Thesis, The Measurement of Acoustic  
Impedances and Absorption Co-  
efficients

MEDICAL SCHOOL

DOCTOR OF MEDICINE

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*In Radiology*

LESLIE MOYERS GARRETT  
B.A. '29, Berea College  
M.D. '33, Vanderbilt University  
Major, Radiology  
Minor, Pathology  
Thesis, Enlargement of the Pul-  
monary Artery as Observed by the  
Roentgen Ray

\* Degree conferred as of June 14, 1937.

## MASTER OF SCIENCE

### *In Surgery*

WARNER FREMONT BOWERS

B.A. '29, University of Omaha

B.S. '30, M.D. '32, University of  
Nebraska

Major, Surgery

Minor, Pathology

Thesis, Rib Regeneration from the  
Standpoint of Thoracic Surgery

## DOCTORS OF PHILOSOPHY

EUGENE DEBS CARSTATER

B.A. '26, M.A. '30, Bucknell Univer-  
sity

Major, Education

Minor, Educational Psychology

Thesis, The Contribution of Social-  
Concept Materials in a Comprehen-  
sive Examination in the Social  
Sciences at the College Level

Major Adviser, Dean M. E. Haggerty

ROBERT JUDSON NIESS

B.A. '33, M.A. '34, University of  
Minnesota

Major, Romance Languages (French)

Minor, Romance Language (Spanish)

Thesis, A Study of the Influence of  
Jean de La Fontaine on the Works  
of Félix María de Samaniego

Major Adviser, Prof. I. C. Le Compte

PAUL SALISBURY CONKLIN

B.S. '22, Northwestern University

M.A. '24, University of Wisconsin

Major, English

Minor, Philosophy

Thesis, A History of *Hamlet* Crit-  
icism: Part I. 1601-1800

Major Adviser, Prof. E. E. Stoll

CHARLES ROBERT PACE

B.A. '33, De Pauw University

M.A. '35, University of Minnesota

Major, Educational Psychology

Minor, Psychology

Thesis, The Relation of Liberal-  
Conservative Attitude to Knowl-  
edge of Current Affairs

Major Adviser, Prof. A. C. Eurich

DUNCAN MCCONNELL

B.S. '31, Washington and Lee Uni-  
versity

M.S. '32, Cornell University

Major, Geology (Mineralogy)

Minors, Economic Geology and An-  
alytical Chemistry

Thesis, A Structural Investigation of  
the Isomorphism of the Apatite  
Group

Major Adviser, Prof. J. W. Gruner

HENRY JOHN RICHTER

B.S. *cum laude* '33, Hamline Uni-  
versity

M.S. '36, University of Minnesota

Major, Organic Chemistry

Minor, Agricultural Biochemistry

Thesis, A Study of Compounds Con-  
taining the Bisindene Nucleus and  
of Certain Fulgenic Anhydrides

Major Adviser, Prof. C. F. Koelsch

DAVID GARRIOTT RYANS

B.A. '32, De Pauw University  
M.A. '33, University of Minnesota  
Major, Educational Psychology  
Minor, Psychology  
Thesis, An Experimental Investigation of Persistent Behavior  
Major Adviser, Prof. W. S. Miller

GEORGE MASON SAVAGE

B.Ch. '33, University of Minnesota  
Major, Bacteriology  
Minor, Physical Chemistry  
Thesis, The Improvement of Trickling Filter Efficiencies: Experimental Studies of Aeration and Application Rates  
Major Adviser, Prof. H. O. Halvorson

WILLIAM GERALD SHEPHERD

B.E.E. '33, University of Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, The Disintegration of Lithium under Bombardment by Low Energy Deuterons  
Major Adviser, Dean J. T. Tate

NIKITA PAUL TARASSUK

B.S. '31, M.S. '33, University of California  
Major, Agricultural Biochemistry  
Minor, Dairy Husbandry  
Thesis, Study of Physical and Chemical Properties of the Adsorption "Membrane" around the Fat Globules in Cream  
Major Adviser, Prof. L. S. Palmer

CHI-SHI WANG

B.S. '32, Honan University  
M.S. '36, University of Minnesota  
Major, Plant Pathology  
Minor, Plant Genetics  
Thesis, The Cytology and Pathogenicity of *Ustilago crameri*  
Major Adviser, Prof. E. C. Stakman

HEDVIG YLVIKSAKER

B.A. '23, Concordia College  
M.A. '28, University of Chicago  
Major, History  
Minor, Political Science  
Thesis, The Baltic-North Sea Agreements of 1908  
Major Adviser, Prof. L. D. Steefel

## DEGREES CONFERRED AUGUST 28, 1937

### COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

#### BACHELORS OF ARTS

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DOUGLAS McCULLOUGH

LUCILLE MOURER

#### BACHELORS OF ARTS

*cum laude*

LUCILLE BACAL

JOHN MARSHALL DICKSON

S. MEDFORD WESLEY

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WILFRED CHESTER LELAND, JR.

ALFRED LYMAN COOK

THOMAS KINGLAND MORTONSON

STANLEY CROSBIE

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ESKIL H. FREDRICKSON

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ISABEL TRYON THIBAUT

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TRACY BICKFORD GARDNER, JR.

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CLAIR JOSEPH COLLINS

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E. ARNOLD HANSON

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(*Course in Forestry*)

HARRY S. MOSEBROOK

(*Course in Home Economics*)

MARY AGNES FARKAS

ESTHER LOUISE WALTHER

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AND HOME ECONOMICS AND  
COLLEGE OF EDUCATION

BACHELORS OF SCIENCE

(*Course in Home Economics*)

DOROTHY ELAÏNE PREUS

JESSENA TAYLOR

LAW SCHOOL

BACHELORS OF SCIENCE

*In Law*

WILLIAM ROBERT KOERNER

JAMES NEGUS RAVLIN

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*cum laude*

HARRIET ANN PETERSON

BACHELOR OF SCIENCE

*with distinction*

CHARLES STUART ROBB

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ALEXANDER JOSEPH ROSS  
MURIEL JOAN VANDERBILT  
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NONDAS LORRAINE DEGENER

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EVELINE JOSEPHINE JOHNSON  
RUTH FITZ GERALD MANEY  
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ANN MERWIN  
MAE LORRAINE OBNELAND  
HANNAH CHRISTINA OKERLUND

HARRY ALLEN POOL  
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EVA PROBST-SWAN  
RUTH UNDLIN  
CHARLES ALBERT WOHLFORD

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WILLOW EVELYN ANDERSON  
ANNA MARGARETA ANVID  
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JOHN PHILIP BENGTON  
AGNES ELIZABETH BLANK  
EVELYN ESTHER BROWN  
ESTHER TIMM BUECHNER  
ROSE MARIE DEUTSCHMANN  
MABEL LULLA FAIRCHILD  
ALICE K. HURLEY  
ISABELLA DAVIS KIEKENAPP  
BERNICE MARGARET KING  
HARRIET BERNICE KINNING  
HILMA EVELYN KOEFOD  
JAMES FRANK KOENKER  
RIGA MARYON LAURITZEN  
LORETTA CLARE LEARY

JOSEPHINE LESTIC  
MARY ELLEN LOULAN  
LOGAN CHARLES MUNDT  
DELLA PAULINE NELSON  
EDNA LEONE OLSON  
RUTH ESTHER PACKARD  
MARY ANN RALEIGH  
CHAROLATTE MAE REIF  
THEODORE M. SCHUSTER  
WILLIAM C. SNEED  
MARTIN L. SNOKE  
ANNE THORPE SPAULDING  
MARGARET EVELYN STROM  
POLLY SWEET  
VERNICE MURIEL SWENSON  
MARY H. TRYDER  
LENA VANGSTAD  
EDA VON BORGERSODE  
CLYDE ELIZABETH YEATON



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HUBERT M. GORES  
EDGAR GRAY HENDERSON  
ROY BYRON JEWETT

ARTHUR LILLYBLAD  
LEONARD JOSEPH LINN  
MARTIN JOSEPH LUKOSKIE  
MARIA FRANCES POND  
LLOYD VERNON WIKE

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BACHELOR OF SCIENCE

RIDGWAY BAKER

SCHOOL OF DENTISTRY  
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MAXWELL J. AVERBACK  
ALVAR RONALD CHRISTIANS

FRANKLIN WINTHROP JONES  
RONALD WALTER LANGE

GRADUATE SCHOOL  
MASTERS OF ARTS

JOHN EMERSON BAKER  
B.A. '31, DePauw University  
Major, Educational Administration  
Plan B without thesis

RUTH MARIE BALDWIN  
B.S. '27, University of Minnesota  
Major, Sociology  
Plan B without thesis

DONALD ELM BIRD  
B.E. '33, Moorhead State Teachers  
College  
Major, Education  
Plan B without thesis

LAWRENCE ARTHUR BLUME  
B.S. in Commerce '29, North Central  
College  
Major, Educational Administration  
Minor, Economics  
Thesis, The Relationship of Stu-  
dents' Participation in High School  
Activities to Their Participation  
in Leisure Time Activities after  
Graduation

EDWIN HENRY BORNEMANN  
B.Ed. '31, Eau Claire State Teachers  
College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Results of a Supervisory  
Program in Reading in Terms of  
Pupil Progress at Baldwin, Wis-  
consin

- ARTHUR EDWARD CARLSON  
 B.Ed. '31, River Falls State Teachers  
 College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Survey of the Rural  
 Schools of Le Sueur County, Min-  
 nesota, with Special Consideration  
 of the Possibilities of Organization  
 of Large Districts To Help Eliminate  
 Inequalities of Opportunity
- MARJORIE ROBERTS CHAMPINE  
 B.A. '10, Smith College  
 Major, Education  
 Plan B without thesis
- RUSSELL LOREN CHRYSLER  
 B.B.A. '32, University of Minnesota  
 Major, Economics  
 Minor, Psychology  
 Thesis, The Minneapolis Shopping  
 News Type of Periodical as an  
 Advertising Medium
- MARGARET HELEN DARLING  
 B.A. '18, University of Minnesota  
 Major, English  
 Minor, Rhetoric  
 Thesis, The Ethical Principles of  
 Landscape in John Ruskin's *Modern  
 Painters*
- VELMA DENNY  
 B.S. '27, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Determination of the  
 Phonetic Elements Most Frequently  
 Found in Twelve Primary Lists
- WILSON MURRAY DOKKEN  
 B.E. '34, Moorhead State Teachers  
 College  
 Major, Political Science  
 Minor, Education  
 Thesis, Congress and the National  
 Budget
- THOMAS FRANCIS DOUGHERTY, JR.  
 B.S. '36, University of Minnesota  
 Major, Zoology  
 Minor, Anatomy (Hematology)  
 Thesis, Some Cytological Changes  
 during the Regeneration of Planaria
- DELWIN BENNETT DUSENBURY  
 B.A. '36, University of Wisconsin  
 Major, Speech  
 Minor, English  
 Thesis, A Study of the Specificity of  
 Visible and Audible Symbols of the  
 Emotions
- RICHARD JOHN FALCK  
 B.A. '27, Gustav Adolphus College  
 Major, Educational Administration  
 Plan B without thesis
- CYRIL JOSEPH HOYT  
 B.S. '28, University of Minnesota  
 Major, Educational Psychology  
 Minor, Mathematics  
 Thesis, Changes in Students' Beliefs  
 Regarding Certain Aspects of  
 Health and Disease after Instruc-  
 tion in a Course in College Hygiene
- EDWARD WILLIAM HRIBAR  
 B.S. '30, University of Minnesota  
 Major, Physics  
 Plan B without thesis
- MILLO C. JOHNSON  
 B.A. '29, Gustavus Adolphus College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The History of Education on  
 the Fort Peck Reservation, from  
 1885 to 1935
- ARTHUR HENRY KASTNER  
 B.S. in Arch. '27, University of Min-  
 nesota  
 Major, Educational Administration  
 Plan B without thesis

- ROBERT HENRY KOENKER  
 B.E. '35, Mankato State Teachers  
 College  
 Major, Educational Administration  
 Plan B without thesis
- CHARLES ROBERT KREMENAK  
 B.S. '16, Leander Clark College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Measurement of a Su-  
 pervisory Program in Reading  
 Based upon a Survey of Needs in  
 the Elementary School at Newell,  
 Iowa
- MARIAN LATTA  
 B.A. '28, Smith College  
 Major, Speech  
 Minor, English  
 Thesis, A Study of Word Pronuncia-  
 tion in Mid-Western Speech as  
 Found in the Analysis of the Pro-  
 nunciation Habits of Students in  
 the First Course in Speech at the  
 University of Minnesota
- RUTH JEANNE MAYER  
 B.S. '32, University of Minnesota  
 Major, Educational Psychology  
 Minor, Speech  
 Thesis, A Comparison of the Eye-  
 Movement Records of Ambi-lateral  
 Stutterers and Right-sided Normal  
 Speakers
- RAY DAN McGETTIGAN  
 B.E. '31, Superior State Teachers  
 College  
 Major, Education  
 Plan B without thesis
- DOROTHY CECELIA McLAUGHLIN  
 B.S. '31, University of Minnesota  
 Major, Education  
 Minor, Geography  
 Thesis, An Analysis of Reading  
 Abilities and Reading Readiness of  
 Sixth Grade Pupils with Particu-  
 lar Reference to Geography
- WERNER OLAF MICKELSON  
 B.A. '29, St. Olaf College  
 Major, Educational Administration  
 Plan B without thesis
- SALLIE BETH MOORE  
 Ph.B. '30, University of Chicago  
 Major, Child Welfare  
 Minor, Educational Psychology  
 Thesis, The Use of Commands, Sug-  
 gestions and Requests in the Nurs-  
 ery School and Kindergarten at the  
 University of Minnesota
- ALBERTA KNOX NOBLE  
 B.S. '28, University of Minnesota  
 Major, Education  
 Plan B without thesis
- JOHN ALGOT NORDIN, JR.  
 B.A. '35, University of Minnesota  
 Major, Economics  
 Minor, History  
 Thesis, Lauderdale on the "Errors"  
 of Adam Smith
- SAMUEL DAVID PERRIN  
 B.A. '31, Carleton College  
 Major, Zoology  
 Minor, Botany  
 Thesis, Spermatogenesis of the Go-  
 pher (*Citellus Tridecemlineatus*)  
 (Mitchell)

- LUCAS HAROLD SATTER  
 B.A. '28, St. Olaf College  
 Major, Educational Administration  
 Minor, Economics  
 Thesis, Status of Teachers of the  
 Social Studies in Secondary  
 Schools of Minnesota, 1935-36
- JOHN JOSEPH SHIMMICK  
 B.S. '32, University of Minnesota  
 Major, Educational Administration  
 Plan B without thesis
- WILLIAM JOHN SHOGREN  
 B.A. '20, Macalester College  
 Major, Education  
 Plan B without thesis
- HENRY SIGVART STENSLAND  
 B.A. '28, Augsburg College  
 Major, Educational Psychology  
 Minor, Educational Administration  
 Thesis, The Effect of Certain Condi-  
 tions upon Improvement in Com-  
 prehension in Reading
- ALICE LUCILLE STEVENS  
 B.A. '22, University of Nebraska  
 Major, Education  
 Plan B without thesis
- EDPHIL NELS STRANDJORD  
 B.A. '24, Luther College  
 Major, Educational Administration  
 Plan B without thesis
- CHESLEY LEONARD SWENEY  
 B.A. '23, Dartmouth College  
 Major, Political Science  
 Minor, Economics  
 Thesis, Administrative Powers and  
 Jurisdictions of the Interstate Com-  
 merce Commission with Respect to  
 Railroad Reorganization
- MARY BRANN TRUESDELL  
 B.A. '28, Smith College  
 Major, English  
 Minor, Music  
 Thesis, A Comparative Study of the  
 Use of Flowers in Some of the  
 Romantic Poets
- GEORGE WALKER TURNER  
 B.A. '12, Illinois College  
 B.J. '13, University of Missouri  
 Major, Education  
 Minor, Political Science  
 Thesis, A Survey of Proposals for  
 Improving the American Electorate
- PRESTON EDWARD TYRRELL  
 B.S. '27, Eastern State Teachers  
 College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Analysis of the  
 Practices and Procedures that Af-  
 fect Tuition Payment and Collec-  
 tion in the Secondary Schools of  
 South Dakota
- KEENE CHRISTOPHER VAN ORDEN  
 B.A. '23, Macalester College  
 Major, Education  
 Minor, Educational Administration  
 Thesis, The Results of a Supervisory  
 Drive on the Instruction of Read-  
 ing in Mapleton, Iowa, Public  
 Schools
- HARRY ALBERT WEINBERG  
 B.E. '32, Superior State Teachers  
 College  
 Major, Educational Psychology  
 Minor, Educational Administration  
 Thesis, The Status of Applicants on  
 National Youth Administration  
 Work Projects in Minnesota

## MASTERS OF SCIENCE

LILLIAN ODESSA BAHR  
B.E. '26, Illinois State Normal Uni-  
versity  
Major, Educational Psychology  
Plan B without thesis

HERBERT FRED BETSINGER  
B.S.A. '17, Syracuse University  
Major, Agricultural Education  
Plan B without thesis

REN YONG CHAO  
B.S. '35, University of Nanking  
Major, Agronomy  
Minor, Plant Genetics  
Thesis, Proposed Grain Grading Or-  
ganization and Standards for China

ROLAND EDGAR DIETMEIER  
B.A. '26, Carleton College  
Major, Inorganic Chemistry  
Minor, Physiological Chemistry  
Thesis, A Study of Compound For-  
mation in the System  $KCl$  and  
 $CuCl_2$

BENJAMIN FRANKLIN HUBERT  
B.A. '09, Morehouse College  
B.S. '12, Massachusetts State College  
Major, Agricultural Economics  
Plan B without thesis

JANET I. NELSON  
B.S. '35, University of Minnesota  
Major, Educational Administration  
Plan B without thesis

ALBERT GERALD SAMUELSON  
B.S. '21, University of Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, The Design and Construction  
of a Gauge for Low Vapor Pres-  
sures

CURTIS HENRY WALDON  
B.S. Ph. '35, University of Minnesota  
Major, Pharmaceutical Chemistry  
Minor, Pharmacology  
Thesis, The Sulfonation in the Alpha  
Position of Various Aliphatic  
Acids of Low Molecular Weight

DORITHY JOAN ZEIMES  
B.S.Ph. '35, University of Minnesota  
Major, Speech  
Minor, Child Welfare  
Thesis, A Study of Stutterers' Atti-  
tudes and Audience Reactions

## MASTER OF BUSINESS ADMINISTRATION

WILLIAM LOUIS CAMPFIELD  
B.C.S. '33, New York University  
Major, Business Administration  
Plan B without thesis

## MASTERS OF SCIENCE

### *In Chemical Engineering*

RALPH ERIC CLARENCE FREDRICKSON	HORACE MAXWELL ORFIELD
B.Ch.E. '35, University of Minnesota	B.Ch.E. '35, University of Minnesota
Major, Chemical Engineering	Major, Chemical Engineering
Minor, Physical Chemistry	Minor, Physical Chemistry
Thesis, Conductivity Control of the Kraft Digestion Process for Pulp Making	Thesis, A Study in Heat Transfer Individual Film Coefficients in Heat Exchangers

JOHN ANDREW RIDGWAY, JR.  
B.S. '35, Yale University  
Major, Chemical Engineering  
Minor, Business Administration  
Thesis, The Velocity of Adsorption of Organic Vapor by Activated Carbon

## MASTER OF SCIENCE

### *In Mechanical Engineering*

WALTER ROBERTSON ELLIOT  
B.A. '30, B.E. '32, University of Saskatchewan  
Major, Mechanical Engineering  
Plan B without thesis

## MEDICAL SCHOOL

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JOHN STEPHEN COWAN	ALEXANDER JOSEPH ROSS
LEON DUNHAM HARRIS	WILLIAM VINCENT WALSH
	BILL HENRY WILLIAMS

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WALLACE DAVID ARMSTRONG	JOHN THOMAS LITCHFIELD, JR.
ANTHONY SALVATORE BERLIN	JAMES GEORGE SAWYER
FREDERICK WILLIAM HOFFBAUER	STANLEY CHARLES SMITH
JAMES LYMAN JAECK	AMBROSE EDWARD SPRAFKA

## GRADUATE SCHOOL

### MASTER OF SCIENCE

#### *In Otolaryngology*

ARTHUR LEWIS JUERS

B.S. '28, M.D. '31, University of  
Louisville

Major, Otolaryngology

Minor, Anatomy

Thesis, Otitic Sepsis: An Analysis  
of Twenty-one Cases and an Ana-  
tomical Study

### MASTER OF SCIENCE

#### *In Surgery*

ALBERT BEHREND

B.A. '29, M.D. '32, University of  
Pennsylvania

Major, Surgery

Minor, Pathology

Thesis, Experimental Pneumonectomy  
with a Description of Some Post-  
operative Effects (a Morphologic  
Study)

### DOCTORS OF PHILOSOPHY

DANIEL ELLSWORTH BRADY

B.S. '32, University of Minnesota

Major, Animal Husbandry

Minor, Agricultural Biochemistry

Thesis, Some Histological and Chem-  
ical Factors Affecting the Texture  
and Tenderness of Beef

Major Adviser, Prof. W. H. Peters

THEODORE ALBERT GEISSMAN

B.S. in Ch.E. '30, University of Wis-  
consin

Major, Organic Chemistry

Minor, Physical Chemistry

Thesis, A Study of Alpha-Diketones  
of the Cyclopentene Series

Major Adviser, Prof. C. F. Koelsch

BRUCE GRAHAM GILLESPIE

B.Ch.E. '33, M.S. '36, University of  
Minnesota

Major, Organic Chemistry

Minor, Physical Chemistry

Thesis, A Study of the Mechanism  
of Rearrangement of O-Acyl De-  
rivatives and of Acylations of  
Beta-Dicarbonyl Compounds

Major Adviser, Prof. W. M. Lauer

LAWRENCE TIMOTHY JILK

B.Ch.E. '34, University of Minnesota

Major, Chemical Engineering

Minor, Organic Chemistry

Thesis, The Effect of Light on Cel-  
lulose Nitrate. A. The Relation  
between Viscosity and Apparent  
Molecular Weight as Determined  
by Osmotic Pressure Measurements

Major Adviser, Prof. R. E. Montonna

LEE HOMER PERSON, JR.

B.S. '26, Mississippi Agricultural and  
Mechanical College

M.S. '29, University of Minnesota

Major, Plant Pathology

Minor, Botany

Thesis, Rhizoctonia and Root Rot of  
Beans

Major Adviser, Prof. E. C. Stakman

CONRAD JULIUS SUNDE

B.S. '22, Northern Normal and In-  
dustrial School

M.S. '26, University of Minnesota

Major, Organic Chemistry

Minors, Biochemistry and Chemical  
Engineering

Thesis, A Study of the Bandrowski  
Base

Major Adviser, Prof. W. M. Lauer

ARTHUR WILLIAM WISHART

B.Ch. '33, University of Minnesota

Major, Physical Chemistry

Minor, Physics

Thesis, The Sorption of Chlorine by  
Highly Activated Silica Gel and  
Coconut Charcoal

Major Adviser, Prof. L. H. Reyerson

CHIA HSIEN YEN

B.S. '31, University of Nanking

M.S. '33, Yenching University

Major, Entomology

Minor, Zoology

Thesis, Studies on *Dirofilaria immitis*  
Leidy with Special Reference to  
the Susceptibility of Some Minne-  
sota Species of Mosquitoes to the  
Infection

Major Adviser, Prof. W. A. Riley



# DEGREES CONFERRED DECEMBER 16, 1937

## SCHOOL OF DENTISTRY GRADUATE DENTAL HYGIENIST

DOROTHY MAE DELLINGER

## GENERAL COLLEGE ASSOCIATES IN ARTS

VIRGINIA PATRICIA BAKER  
ELMER JOSEPH BUZICKY  
ROBERT ARMS DENNETT  
MILDRED ELIZABETH HULL  
ROBERT BURNS KELLY

LEONA EDNA KIEKENAPP  
DOROTHY MAE McVEIGH  
CHARLOTTE ELZA SCHIFFERES  
ROBERT A. SCHLUETER  
FREDERICK A. SODERBERG

DONNA CATHERINE WYMAN

## MEDICAL SCHOOL GRADUATES IN NURSING

ELLA MARIE BALDERSTONE  
MARY AGNES GADACZ  
RUTH A. HAUGSRUD  
EVELYN JOHNSEN  
JUANITA MARION LACROSS

DAGNY KATHERINE LILLQUIST  
HERMA W. McMAHON  
BERTHA LYDIA PUTIKKA  
MAYME MARIE SAKARIAS  
THEODORA SAMPSON

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### BACHELORS OF ARTS

*magna cum laude*

GEORGE S. HAGE, JR.

MARY FREEMAN JAFFRAY

### BACHELORS OF ARTS

*cum laude*

ROBERT EUGENE ARNOT  
MARY LOU EILERT

FREDERICK WILLIAM GEIGER  
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## BACHELORS OF SCIENCE

*cum laude*

ALMA LOUISE GLESSNER

RUTH MARIE STENBORG

## BACHELORS OF ARTS

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MARY VIRGINIA BOHAN  
JOHN RUTHERFORD BRYANT  
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ROBERT L. DINSMORE  
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IRA LUNAN FERGUSON  
RUTH ZILLAH HOLTON  
RALPH CLEARY HOPKINS  
BETTY JEANNETTE HUBBARD  
WILLIAM PARK HUBBARD  
MARY ALBERTA IBACH  
CAREY JOHANSEN

CLYDE STANLEY JOHNSON  
EDWARD BACKUS KINPORTS  
ELIZABETH JEAN KLEMER  
MARTHA MARY KRUSE  
ELIZABETH ANNE LAMBERT  
LOREN MARSHALL LINDQUIST  
MARY-ELLEN MARTIN  
JOSEPHINE MENDENHALL  
GORDON ELLIOT MICHALSON  
GERALDINE TELLETT NELSON  
EVELYN LUCILLE PETERSON  
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THOMAS RALPH WEBB  
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AUDREY PAULINE GLADISH  
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ERNEST N. MILLER  
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MARY EVALINE OSTRANDER  
PATTERSON  
EMMA OLGA RINTEELA  
HELENA ELIZABETH SULLIVAN  
JANE AMELIA WENZEL  
LENA LILLIAN YUGEND

## INSTITUTE OF TECHNOLOGY

### BACHELOR OF MECHANICAL ENGINEERING

*with high distinction*

ARNOLD CARL MATTHIES

### BACHELOR OF CIVIL ENGINEERING

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ARVO V. LEPPANEN

\* Degree conferred as of August 28, 1937.

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MARVIN ARTHUR BLOCH  
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GEORGE FREDERICK HAGGER  
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BACHELOR OF AGRICULTURAL ENGINEERING

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ENGINEERS OF MINES

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METALLURGICAL ENGINEER

ALBERT MAURICE WENNER

\* Degree conferred as of August 28, 1937.

COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS

BACHELOR OF SCIENCE

*with high distinction*

*(Course in Agriculture)*

BETTY ANN WITTMAN

BACHELORS OF SCIENCE

*with distinction*

*(Course in Agriculture)*

WINFRED LAWRENCE ETTESVOLD

*(Course in Forestry)*

JAMES W. STEVENSON

BACHELORS OF SCIENCE

*(Course in Agriculture)*

GERALD FRANKLIN THORKELSON

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CHARLES PHILIP KIRCHEN

ARVID JOHN KUUTTI

*(Course in Forestry)*

AXEL LANGVAD ANDERSEN

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NORMAN E. BORLAUG

B. FRANCIS KUKACHKA

ALBERT ENGSTROM

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*(Course in Home Economics)*

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PAULINE A. HUNT

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JEAN ELLEN FINKENBINDER

BARBARA MAE RUDOLPH

LORRAINE VERONICA FRAWLEY

MARIETTA J. STATEN

COLLEGE OF AGRICULTURE, FORESTRY,  
AND HOME ECONOMICS AND  
COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

*with distinction*

*(Course in Agriculture)*

DALTON FRED SEELING

BACHELOR OF SCIENCE

*(Course in Agriculture)*

GLEN JOHN JOHNSON

LAW SCHOOL

BACHELORS OF SCIENCE

*In Law*

THOMAS JACKSON HEINZE

RALPH LESLIE SHER

MEDICAL SCHOOL

BACHELOR OF SCIENCE

*cum laude*

DELORES KAELY

BACHELORS OF SCIENCE

*with distinction*

DAVID MARK CRAIG

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EDMUND PETER EICHHORN, JR.

MAXWELL BOWLER LLEWELLYN

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JOHN LOUIS WHITAKER, JR.

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*with high distinction*

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*with distinction*

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ANNA ELIZABETH GRANT      ELWIN EDWARD JOHNSON  
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VERA ELEANOR ROSWELL

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ELLA MARIE BALDERSTONE      JUANITA MARION LACROSS  
LEONARD BERNER BEITE      BERNICE MARGARET LEHNER  
JACQUELINE ELIZABETH BOWEN      VEIKKO O. LESKINEN  
GERTRUDE WINNIS COOK      DAGNY KATHERINE LILLQUIST  
DEBORAH DAHL      MILDRED A. LUNDSTEN  
JEANETTE LILLIAN EVANS      EDWARD THOMAS MARTIN, JR.  
MARY AGNES GADACZ      RUTH HUGHES MATTILA  
RUTH AVA HAUGSRUD      DAISY IRENE MOLD  
DORIS HELLAND      CAROL JEANNETTE NIELSEN  
EVELYN JOHNSEN      GLADYS JOHANNE OLSEN  
LARS ROBERT JOHNSON      MARJORIE E. OLSON  
MABEL LUCILE JOHNSON      RUTH ELIZABETH PHILLIPS

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DORA CECELIA RIVETT  
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MAYME M. SAKARIAS  
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AMETA RUTH SCHWARTZ  
LILLIAN MARIE SLATER  
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JOSEPHINE E. THOMAS  
MARY MOTT WEST

**SCHOOL OF BUSINESS ADMINISTRATION**  
**BACHELORS OF BUSINESS ADMINISTRATION**  
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LOIS DOROTHEA TANG

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HARRY GETCHELL HIGGINS, JR.  
FRANCIS B. T. HOELTGEN

HENRY GILMAN LYKKEN, JR.  
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CATHERINE PHYLLIS MCKENZIE  
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JOHN WESLEY PARSHALL  
CLAYTON THOMAS PIERCY  
GLADDEN ALVARET REDDING  
JOHN JOSEPH SPECHT, JR.  
ROBERT GUY SWARTZELL

WILLIAM COVEY TUFTS

**UNIVERSITY COLLEGE**  
**BACHELOR OF SCIENCE**  
*cum laude*

ROBERT THOMAS TEETER

**BACHELOR OF ARTS**  
WILLIAM BOSTWICK FERRISS

**SCHOOL OF DENTISTRY**  
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JOHN GERARD BLOEMENDAAL  
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HAROLD FRANKLIN CARLSON  
NATALE FRAJOLA  
MATHEW THEODORE KLEINMAN

ARTHUR JOHN LORING  
WILLIAM GEORGE MURPHY  
WALTER A. RESSLER  
HERBERT H. ROSE  
FRANCIS HENRY STODOLA

## LAW SCHOOL

### BACHELOR OF LAWS

JOHN H. SHAUGHNESSY

## GRADUATE SCHOOL

### MASTERS OF ARTS

- OLIVER PAUL BAKKEN  
B.S. '26, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- GEORGE FELIX GROBLE  
B.A. '27, De Paul University  
Major, Education  
Plan B without thesis
- ETHEL MAUD BASTON  
B.S. '27, University of Minnesota  
Major, Education  
Plan B without thesis
- WILLIAM HAROLD HAYES  
B.S. '30, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- ROBERT MILLER DINKEL  
B.A. *maxima cum laude* '30, University of Notre Dame  
Major, Sociology  
Minor, Political Science  
Thesis, Social, Psychologic, and Economic Effects of Unemployment 1930-1935 and Selective Factors in Employment 1933-1935 in 124 Minneapolis Relief Families
- FULTON KOEHLER  
B.A. '36, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, Orthogonal Polynomials on a Square
- LENORE ROSALIA LINEHAN  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- CLARENCE JULIUS DYBDAHL  
B.S. '23, South Dakota State College  
Major, Educational Administration  
Plan B without thesis
- HARRY HENRY MAASS  
B.A. '12, Carleton College  
Major, Educational Administration  
Plan B without thesis
- FLORENCE FAITH FINNBERG  
B.A. '35, B.S. '36, University of Minnesota  
Major, Romance Languages (French)  
Minor, English  
Thesis, A Study of Post-War French Drama, with Special Regard to the Psychology of the Plays and of the People from 1918 to 1930
- JOSEPH HERMAN MADER  
B.A. '27, University of Minnesota  
Major, Journalism  
Minor, Political Science  
Thesis, The Political Influence of the Nonpartisan League on the Press of North Dakota: An Analysis of Newspaper Legislation and Journalistic Enterprises Sponsored by the League



CLIFFORD JOSEPH MALONEY  
B.S. '34, North Dakota Agricultural  
College  
Major, Mathematics  
Minor, Physics  
Thesis, The Nature of the Cubic  
Curves Generated by Projective  
Pencils and Line-Conics

MARIE ANASTATIA MCGRATH  
B.S. '24, University of Minnesota  
Major, Education  
Minor, Speech  
Thesis, Analysis of the Activities of  
Clubs and Their Relation to the  
Activities of Classes of the Minne-  
apolis Public Secondary Schools

EDWARD JOHN MEGROTH  
B.A. '31, University of Minnesota  
Major, English  
Minor, Philosophy  
Thesis, The Women Characters in  
the Plays of Robert Greene, with  
Special Reference to the Central  
Women Figures in the Romantic  
Comedies of Shakespeare

HENRIETTA LOUISE MEMLER  
B.A. *magna cum laude* '32, Knox  
College  
Major, History  
Minor, Romance Languages (French)  
Thesis, A History of Brimfield,  
Illinois, 1836-1936

LAWRENCE THORWALD MICKELSON  
B.A. '23, St. Olaf College  
Major, Education  
Plan B without thesis

CHARLOTTE WILHELMINA MUELLER  
B.S. with distinction '36, University  
of Minnesota  
Major, Educational Psychology  
Plan B without thesis

ELMER SEVERIN NELSON  
B.A. '17, Harvard College  
Major, History  
Plan B without thesis

HOWARD OISETH  
B.A. '29, St. Olaf College  
Major, Journalism  
Minor, Sociology  
Thesis, The Press in the Scandina-  
vian Countries

JOHN DANIEL THOMAS  
B.A. '13, University of Minnesota  
Major, Educational Administration  
Plan B without thesis

ROBERT CHAMBERS WASSON  
B.A. '32, University of Minnesota  
Major, Economics  
Minor, Sociology  
Thesis, State versus National Un-  
employment Insurance

WILLIAM HERMAN WILLER  
B.A. '31, De Paul University  
Major, English  
Minor, Education  
Thesis, The Poetic Evolution of  
Gerard Manley Hopkins

## MASTERS OF SCIENCE

- HARRY EDWARD ADAMS  
B.S. '32, University of Minnesota  
Major, Zoology  
Minor, Botany  
Thesis, A Study of the Ecological  
Succession of Stream Communities  
in the Vicinity of Minneapolis
- BENJAMIN ALVARADO  
Ingeniero Industrial '28, El Insti-  
tuto Tecnico Central (Colombia)  
Major, Geology  
Plan B without thesis
- JOHN EMLÉN BELL  
B.S. '34, North Dakota Agricultural  
College  
Major, Bacteriology  
Minor, Biochemistry  
Thesis, Immunization of Rabbits to  
Virus of Infectious Papillomatosis
- CALVIN MARCELLUS BOWEN  
B.A. '32, Northwest Missouri State  
Teachers College  
Major, Forestry  
Minor, Botany (Ecology)  
Thesis, An Attempt To Correlate  
Rainfall and Temperature with the  
Annual Height Growth of Norway  
Pine (*Pinus Resinosa, Ait.*) and  
White Pine (*Pinus Strobus, L.*) in  
Minnesota
- MARY ELIZABETH GIBLIN  
B.S. '16, University of Minnesota  
Major, Bacteriology  
Minor, Zoology (Parasitology)  
Thesis, A Study of the Comparative  
Efficacy of Loeffler's Blood Serum  
and Tellurite Blood Agar for the  
Cultivation of *Corynebacterium*  
*Diphtheriae*, with Special Refer-  
ence to the Time Element
- TUNG-HO HSIUNG  
B.A. '30, National Central University  
Major, Horticulture (Pomology)  
Minor, Horticulture (Vegetable Pro-  
duction)  
Thesis, Relations between Fruit Bear-  
ing and Vegetative Growth in the  
Haralson Apple
- LEO LEONARD KNUTI  
B.S. '26, University of Minnesota  
Major, Agricultural Education  
Plan B without thesis
- KWOH-SI LIU  
B.S. '32, University of Nanking  
Major, Entomology  
Minor, Plant Pathology  
Thesis, Insect Dissemination and  
Transmission of Virus Disease of  
Legumes
- EARL HOWARD RUBLE  
B.Ch.E. '33, University of Minnesota  
Major, Preventive Medicine and  
Public Health  
Plan B without thesis
- BERNEICE ROEMER RUTHERFORD  
B.S. with distinction '34, University  
of Minnesota  
Major, Speech  
Minor, Psychology  
Thesis, Speech Therapy for Spastics:  
A Case Study Analysis of Seventy-  
three Cases
- RATTAN SINGH  
B.S. in Ag. '20, Punjab University  
Major, Agricultural Biochemistry  
Minor, Agronomy  
Thesis, A Biochemical and Techno-  
logical Study of Punjab Wheat  
Varieties

SISTER MARY ALCUIN ARENS  
B.S. '30, College of St. Scholastica  
Major, Physiologic Chemistry  
Plan B without thesis

GERTRUDE PAULINE WILLMERT  
B.S. '29, North Dakota Agricultural  
College  
Major, Bacteriology  
Minor, Zoology (Parasitology)  
Thesis, Antigens of the Pneumococcus

JOHN MADISON SLACK  
B.A. '36, University of Minnesota  
Major, Bacteriology  
Minor, Anatomy (Histology)  
Thesis, The Resistance of Vaccine  
Virus to Chemical Agents

## MASTER OF SCIENCE

### *In Chemical Engineering*

ABE ROSENBLOOM  
B.Ch.E. '35, University of Minnesota  
Major, Chemical Engineering  
Minor, Physical Chemistry  
Thesis, The Utilization of Alpha  
Naphthylamine 2, 4-Disulfonic Acid

## MASTER OF SCIENCE

### *In Mechanical Engineering*

LEE SEYMOUR WHITSON  
B.M.E. '35, University of Minnesota  
Major, Mechanical Engineering  
Minors, Business Administration and  
Psychology  
Thesis, An Experimental Study of  
Power Expended in Certain Man-  
ual Motions

## MEDICAL SCHOOL

### DOCTORS OF MEDICINE

RAY C. CREELMAN  
CHARLES ALBERT EVANS  
RICHARD J. LIEN

VERNON LESLIE LINDBERG  
SAMUEL T. SANDELL

## GRADUATE SCHOOL

### MASTERS OF SCIENCE

#### *In Dermatology and Syphilology*

HENRY ALBERT BRUNSTING

B.A. '32, Calvin College

M.D. '30, University of Michigan

Major, Dermatology and Syphilology  
Minor, Pathology

Thesis, Hidrosadenitis Suppurativa:

A Study of the Clinical and Histopathologic Features, with a Report of Twenty-two Cases and Review of the Literature

DONALD HUGH WILLIAMS

B.S. '26, M.D. '31, University of Manitoba

Major, Dermatology and Syphilology  
Minor, Clinical Investigation

Thesis, Skin Temperature Reaction to Histamine in Atopic Dermatitis (Disseminated Neurodermatitis)

### MASTERS OF SCIENCE

#### *In Medicine*

JAMES RUSSELL BRINK

B.A. '28, Hope College

M.D. '33, Rush Medical College

Major, Medicine  
Minor, Physiology

Thesis, The Effects of Certain Drugs on the Electrocardiogram

ROSCOE FRICK MILLET

B.S. '26, University of Minnesota

M.D. '29, Northwestern University

Major, Medicine  
Minor, Pathology

Thesis, Comparative Study of the Bromsulphalein Test and of the Galactose and Lactose Acid Tolerance Tests in Experimental Hepatic Injury

HUGH ROLAND BUTT

M.D. '33, University of Virginia

Major, Medicine  
Minor, Pathology  
Thesis, Esophagitis

CARL GRISMORE MORLOCK

B.A. '29, M.D. '32, University of Western Ontario

Major, Medicine  
Minor, Pathology

Thesis, The Arteriole of the Pancreas, Liver, Gastro-Intestinal Tract, and Spleen in Hypertension

WALLACE EDGAR HERRELL

M.D. '33, University of Virginia

Major, Medicine  
Minor, Pathology

Thesis, Histologic Studies of the Endometrium during Various Phases of the Menstrual Cycle

HOWARD MILLER ODEL

B.S. '31, M.D. '33, Northwestern University

Major, Medicine  
Minor, Pathology

Thesis, A Study of the Changes in the Arterioles of the Myocardium in a Group of Cases of Diffuse Arteriolar Disease with Hypertension, Group IV

MASTER OF SCIENCE

*In Neurology*

ALEXANDER ROBINSON MACLEAN

B.A. '28, M.D. '34, University of  
Manitoba

Major, Neurology

Minor, Neuropathology

Thesis, Primary Thrombosis of the  
Superior Longitudinal Sinus with  
Chronic Obstruction

MASTER OF SCIENCE

*In Neurology and Psychiatry*

HAWLEY SEAGER SANFORD

B.S. '29, Northwestern University

M.D. '33, Harvard University

Major, Neurology and Psychiatry

Minor, Pathology

Thesis, The Visual Disturbances As-  
sociated with Tumors of the Tem-  
poral Lobe

MASTER OF SCIENCE

*In Neurosurgery*

CHARLES HUNTER SHELDEN

B.A. '30, University of Wisconsin

M.D. '32, University of Pennsylvania

Major, Neurosurgery

Minor, Pathology

Thesis, Hypophyseal Duct Tumors

MASTER OF SCIENCE

*In Pathology*

MALCOLM BERT DOCKERTY

M.D.C.M. '34, Dalhousie University

Major, Pathology

Minor, Clinical Pathology

Thesis, Primary So-Called "Solid"  
Ovarian Neoplasms

## MASTER OF SCIENCE

### *In Radiology*

LESTER WHITE BAIRD  
B.S. '30, M.D. '32, University of  
Illinois  
Major, Radiology  
Minor, Pathology  
Thesis, A Study of "Depth Doses"  
through Triangular Fields

## MASTERS OF SCIENCE

### *In Surgery*

JAMES WORDEN HUBLEY B.A. '28, M.D. '31, University of Michigan Major, Surgery Minor, Pathology Thesis, A Study of Infarction of the Prostate	WALTER CAMPBELL MACKENZIE B.S. '29, M.D.C.M. '33, Dalhousie University Major, Surgery Minor, Pathology Thesis, The Cytology of Benign and Malignant Gastric Polyps
ROBERT GRAY KROEZE B.A. '27, Jamestown College M.D. '31, Johns Hopkins University Major, Surgery Minor, Pathology Thesis, A Planimetric Study of Nuclei and Nucleoli in Benign and Malignant Breast Cells	ANTONIO ESPERANCA MENDES FERREIRA M.D. '30, Lisbon University Major, Surgery Minor, Pathology Thesis, Relation of the Macronucleo- lus and Nuclear-Nucleolar Ratio of Cancer to Histologic Grading

WILLIAM LANGLEY SIBLEY  
M.D. '30, University of Virginia  
Major, Surgery  
Minor, Pathology  
Thesis, A Study of the Hemoglobin  
after Blood Transfusions

## MASTER OF SCIENCE

### *In Urology*

HARRY ARTHUR ZIDE  
B.A. '30, M.D. '34, University of  
California  
Major, Urology  
Minor, Pathology  
Thesis, Regeneration of the Prostate  
after Operation

## DOCTORS OF PHILOSOPHY

### COURTLAND LE VERNE AGRE

B.Ch.E. '34, University of Minnesota  
Major, Organic Chemistry  
Minors, Physical Chemistry and  
Chemical Engineering  
Thesis, A Study of the Action of  
Diazoacetic Ester on Prehnitene  
and of the Addition of Diphenyl  
Ketene to Unsaturated Hydrocar-  
bons

Major Adviser, Prof. L. I. Smith

### EDWARD DOUGLASS ALLEN

B.A. '30, Grinnell College  
M.A. '34, University of Minnesota  
Major, Economics  
Minor, Agricultural Economics  
Thesis, An Historical and Analytical  
Study of American Management  
Investment Companies, 1929-1936  
Major Adviser, Prof. J. W. Stehman

### LEE CHARLES ARMSTRONG

E.M. (Geol.) '27, University of  
Minnesota  
Major, Geology  
Minors, Metallurgy and Physical  
Chemistry  
Thesis, Decomposition and Alteration  
of Microcline, Albite, and Kunzite  
(Spodumene) by Water  
Major Advisers, Profs. J. W. Gruner  
and F. F. Grout

### CATHARINE LUNT BECKER

B.S. '31, M.S. '32, University of  
Minnesota  
Major, Horticulture  
Minor, Botany  
Thesis, Inheritance Studies in the  
Interspecific Cross *Solanum demis-  
sum* Lindl. x *S. tuberosum* L.  
Major Advisers, Profs. F. A. Krantz  
and W. H. Alderman

### ROBERT LEIGH HEWITT

B.Sc. '34, University of Alberta  
M.A. '35, Queen's University  
Major, General Geology  
Minors, Paleontology and Metallurgy  
Thesis, Experiments Bearing on the  
Relation of Pyrrhotite to Other  
Sulphides  
Major Adviser, Prof. F. F. Grout

### YING-CHEN LI

B.S. '27, National Southeastern  
University  
M.S. '37, University of Minnesota  
Major, Forestry (Silviculture)  
Minors, Forestry (Forest Manage-  
ment) and Botany  
Thesis, Comparative Studies of the  
Germination and Development of  
the Seedlings of *Pinus Banksiana*  
(Jack Pine) and *Pinus Resinosa*  
(Norway Pine) under Various  
Natural and Artificial Conditions  
Major Adviser, Prof. E. G. Cheyney

### EUGEN HARTMUTH MUELLER

B.A. '29, University of Kansas  
M.A. '31, University of Minnesota  
Major, German (Literature)  
Minor, German (Philology)  
Thesis, Die Sprache Paul Flemings  
Major Advisers, Prof. Samuel  
Kroesch and G. F. Lussyky

### WILLIAM VON FISCHER

B.Ch. '32, M.S. '33, University of  
Minnesota  
Major, Analytical Chemistry  
Minor, Physical Chemistry  
Thesis, Studies on the Aging of Lead  
Sulfate Precipitates  
Major Adviser, Prof. I. M. Kolthoff

DOCTOR OF PHILOSOPHY

*In Surgery*

CHARLES STUART WELCH

M.D. *cum laude* '32, Tufts Medical  
College

M.S. in Surg. '37, University of  
Minnesota

Major, Surgery

Minor, Physiology

Thesis, Metabolic Studies in Chronic  
Ulcerative Colitis

Major Adviser, Dr. J. L. Bollman



# DEGREES CONFERRED MARCH 17, 1938

## SCHOOL OF DENTISTRY GRADUATE DENTAL HYGIENIST

VIVIAN DOROTHY RISING

## GENERAL COLLEGE ASSOCIATES IN ARTS

ROBERT BURNS KELLY	MARY RACHEL TOWEY
LAWRENCE EDWIN ODENCRANS	BARBARA ANN TYSON
GRANT CHRISTIAN WESCOTT	

## MEDICAL SCHOOL GRADUATES IN NURSING

ELMA EVELYN AHO	FRANCES ROMA KURTZMAN
GENEVIEVE IRENE ANDERSON	LORETTA IRMA LECHNER
ALICE MILDRED BREMER	GERTRUDE ETHEL MCBRIDE
THERESA BURAGLIO	MARIAN AUDREY NYSTROM
EVELYN LUCILLE CARLSON	LOUISE HOTZE OTTO
MARIAN IRENE FALCONER	MARGARET M. PROFF
KATHRYNE ANN GREENFIELD	AUDREY ALBERTA REINHOLD
MILDRED ALICE GUSTAFSON	ESTHER SANDMAN
DOLORES ANN HALSTED	RUTH MARLEA THOMPSON
EVELYN O. HEXEM	MAE M. VOLDEN
RUTH LU CRETIA HODGKINS	HELEN MARGUERITE WALCH
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JOSEPHINE CARTER KINGSBURY	BERYL MAXINE WEEKS
ALICE MARGARET WEMPLE	

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### BACHELOR OF ARTS

*magna cum laude*

BEN GALLOB

## BACHELORS OF ARTS

*cum laude*

JULIUS ARMIN JAHN  
NANCY MIDDLETON KING  
IDA KRAMER

CARL REITER  
KARL EDWARD ROTEGARD  
JESSIE PETIT SVENSSON

## BACHELORS OF ARTS

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INGER M. CHRISTENSEN  
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\*MERRILL O. FLATNER  
HAROLD JOHN FOURNELLE  
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MARJORY LEAH HARRIS  
JAMES DAY HODGSON  
VIVIAN BERMAN KATZ  
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EUGENE H. McDOUGALL  
GORDON CHARLES MURRAY

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LYLE NATHAN PATTERSON  
WALTER CHAPMAN ROBB  
ARTHUR QUINCY ROSEN  
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MANUEL H. RUDER  
MORTON MORRIS SAFRAN  
EDWARD PEYTON SAINSBURY  
BETTY FOSTER SALISBURY  
HARVEY THOMAS SEVERSON  
GLENN BJORNSON SOELBERG  
ELIZABETH A. VOHRALIK  
JEAN H. WATSON

HUBERT WILLIAM WHITE, JR.

## BACHELOR OF SCIENCE

*magna cum laude*

SYLVIA LEA MOSKOVITZ

## BACHELOR OF SCIENCE

*cum laude*

ELEANOR DOLMON DRYER

## BACHELORS OF SCIENCE

JANET CHARLOTTE CHRISTOPHERSON  
EUGENIA CONWAY  
WARREN VALDO GRISSOM

HELEN LOUISE HOLT  
CELIA KAPLAN  
SOL LOU MILLER

MARIA KJESTINE SCHMIDT

\* Degree conferred as of June 14, 1937.

INSTITUTE OF TECHNOLOGY  
BACHELOR OF MECHANICAL ENGINEERING

*with high distinction*

WILFRED C. CADWELL

BACHELORS OF AERONAUTICAL ENGINEERING

DARIO ANSELMO  
JAMES M. BRANDT

PAUL PETERSON CAMPBELL  
DONALD ELLSWORTH RIALSON

BACHELORS OF CIVIL ENGINEERING

TAPPAN CHILDS

EDWARD FRANK KISHEL

BACHELORS OF MECHANICAL ENGINEERING

HERSCHEL LOUIS LEXIER

JOHN RICHARD PETERSON

BACHELORS OF ARCHITECTURE

ROBERT BURDICK BERGLAND

GORDON ARTHUR SCHLICHTING

COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS

BACHELORS OF SCIENCE

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*(Course in Agriculture)*

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*(Course in Forestry)*

ROGER FABIAN ANDERSON

FRED E. DICKINSON

*(Course in Home Economics)*

MARJORIE FLORENCE JORGENSEN

CAROL CATHRYN WHITE

BACHELORS OF SCIENCE

*with distinction*

*(Course in Agriculture)*

STANLEY ALDEN GREGOR

*(Course in Forestry)*

ALVIN EDWARD NELSON

LAWRENCE P. TERCH

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*(Course in Agriculture)*

RICHARD HOLT BONDE

GORDON GRANT JOHNSON

ALTON V. BRAGE

WILLIAM HOEPPNER KING

HJALMAR HULIN

REID E. LENDE

BERT J. JAHN

RANDOLPH OSTLIE

*(Course in Forestry)*

PHILLIP OLIN CARLSON

RAYMOND EDWARD LESKELA

CARL RALPH DION

DAVID M. LOHN

NILO JOHN HAAPALA

CARL EMIL NORDELL

THOMAS KENT KJELLAND

JOHN ALBERT OASE

RICHARD J. KROLL

DUANE G. RAUENHORST

JACK EUGENE LARSON

ALVAN CURTIS STEARNS

DANIEL J. LEACH

JOHN PALAN TOREN

EINO RICHARD WUORI

*(Course in Home Economics)*

ELIZABETH G. BOYER

MARY CUSHMAN HAYES

HARRIET LILLIAN EKERN

AMY LOUISE HERMAN

LULU MARILYNN GRAN

CATHERINE LOUISE MORRIS

COLLEGE OF AGRICULTURE, FORESTRY,  
AND HOME ECONOMICS AND  
COLLEGE OF EDUCATION

BACHELORS OF SCIENCE

*(Course in Agriculture)*

VERNON LEROY BALDWIN

PETER MICHAEL MILINKOVICH

ARNE EMANUEL CARLSON

GEORGE ARMAND PETERSON

ROBERT JOSEPH PICHA

*(Course in Home Economics)*

KATHRYN N. BOLLER

MEDICAL SCHOOL

BACHELOR OF SCIENCE

*with distinction*

EDMUND FRANCIS CORRIGAN

## BACHELORS OF SCIENCE

GERALD STEBER AIERN	BERNARD NICHOLAS KARLEEN
GEORGE ARACK	LEWIS ARTHUR KNUTSON
CHARLES BALLOU	STANLEY EDWARD KRUMBIEGEL
JOHN DENNIS BARKER	PING PIAO LIU
JOHN JOSEPH BEER	JOSEPH LOUCKS
MARTHA BOWLER	HARRY ALLEN MILLER
OHRMUNDT CARL BRAUN	JOSEPH EMMETT MURPHY
JOHN PAUL BURTON	ALVIN MARTIN NIELSEN
GEORGE WARREN DREXLER	CLAUDIA ROSEMARY NOSTDAL
DANIEL LOUIS FINK	DONALD HERBERT PETERSON
JAMES ROBERT FORSYTHE	HENRY JOSEPH REIF
WYMAN ELMER JACOBSON	HENRY DENNIS ROSENBLATT
HELEN MARIE JOHNSON	GORDON CARL TORNBERG
RAYMOND ALFRED JOHNSON	FERN YVONNE WATTERSON
	DONOVAN GEORGE WRIGHT

## COLLEGE OF PHARMACY

### BACHELOR OF SCIENCE

*In Pharmacy*

\*JOHN SHERWOOD HARMS

## COLLEGE OF EDUCATION

### BACHELOR OF SCIENCE

*with high distinction*

MARIE INGEBORG BESTUL

## BACHELORS OF SCIENCE

*with distinction*

SALLY HALVARDA HENRIKSON	MYRTHIEL EVANGELINE NELSON
	GLADYS MAURINE RAY

## BACHELORS OF SCIENCE

HARRY ARNE BRODIN	JANE KATHERINE PROTZELLER
JOHN CARSON CEDERSTROM	AGNES JANE RADDATZ
FLORENCE ELIZABETH CRONIN	MARY ANN RIGGS
PERRY EUGENE JOHNSON	AMALIE ROTH
ROBERT NOBLE LEWIS	ELSIE MARIA SAARI
ELVA B. NELSON	RUSSELL A. SAHLSTROM

\* Degree conferred as of December 16, 1937.

HARRY A. SIEBEN, JR.  
MARJORIE SPRESTER  
MARGARET ESTHER STEENSON  
JENNIE C. STEINMETZ

EDITH ELNOR THOMPSON  
HARRIET RUTH WADDELL  
SOPHIE DOROTHEA WALLER  
WALBORG SIGRID WAYNE

**SCHOOL OF BUSINESS ADMINISTRATION**  
**BACHELORS OF BUSINESS ADMINISTRATION**

WILLARD GREIG ALLISON  
WILLIAM CHARLES BALL  
MARVIN ARTHUR BLOCH  
AGNES MARTHA BRUNER  
ROBERT SABIN BURRELL  
CARL R. CARLSTROM, JR.  
CHARLES COLBURN CARPENTER  
HARRY FERTIG HOLSTROM  
KUO-CHIH HUANG  
FREDERICK WILLIAM JOHNSON

HARVEY LEO JOINER, JR.  
WILLIAM JOSEPH MCBRIDE  
WILLIAM JAMES MORCOM  
DONALD KAAS NELSON  
BESSIE PREMACK  
FRANCIS ELMER ROCH  
REUBEN AMBROSE DELAMAR SIVERSON  
ARTHUR PIEPER SMITH, JR.  
OTTO FREDERICK STUEFER, JR.  
OTIS VAGSTAD

GEORGE SHAW WITTH

**UNIVERSITY COLLEGE**  
**BACHELOR OF ARTS**

JOSEPHINE EDGERTON MACK

**SCHOOL OF DENTISTRY**  
**DOCTORS OF DENTAL SURGERY**

WALTER ALBERT KENNETH JOHNSON      MERLE W. RICH

**LAW SCHOOL**  
**BACHELOR OF LAWS**

EUGENE H. MCDUGALL

**GRADUATE SCHOOL**  
**MASTERS OF ARTS**

EDWARD WILLIAM BECHTEL  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Evaluation of the Inter-  
national Falls Public School Pro-  
gram of Studies through Alumni  
Reactions and Study of Alumni  
Needs

RAYMOND ANDREW DAHLGREN  
B.S. '33, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, A Measurement of Transfer  
of Training in the Learning of the  
Multiplication Combinations

- RUTH ELEANOR GRUVER  
 B.S. '35, University of Minnesota  
 Major, Mathematics  
 Minor, Biometry  
 Thesis, Some Applications of Vector  
 Analysis to Differential Geometry
- KRISTOFER HAGEN  
 B.A. '29, Augsburg College  
 Major, Philosophy  
 Minor, Psychology  
 Thesis, The Oxford Group: A Con-  
 temporary Religious Movement
- GEORGE EDWARD LANGELAND  
 B.A. '32, College of St. Thomas  
 Major, English  
 Minor, History  
 Thesis, Catholicism in the Waverley  
 Novels
- RICHARD WADSWORTH LINDBHOLM  
 B.A. '35, Gustavus Adolphus College  
 Major, Economics  
 Minor, Political Science  
 Thesis, Analysis of the Provisions  
 and Results during the First Three  
 Year Period of the Reciprocal  
 Trade Agreements Negotiated with  
 Latin American Countries
- ALICE LOUISE MCCONNOR  
 B.A. '33, Vassar College  
 Major, Child Welfare  
 Minor, Psychology  
 Thesis, Sex Differences in Topics of  
 Conversation of Kindergarten Chil-  
 dren
- CLARENCE ROBERT OSELL  
 B.S. '30, University of Minnesota  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, A Survey of Certain Phases  
 of Professional and Economic  
 Status of Graduates from the De-  
 partment of Physical Education and  
 Athletics for Men of the Univer-  
 sity of Minnesota
- HAZEL KITZMAN RAMHARTER  
 B.Ed. '29, Eau Claire State Teachers  
 College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Effect of Awareness of  
 Results on the Elimination of Er-  
 ror in Drills in Arithmetic
- CHARLES BRADDOCK REIF  
 B.S. '35, University of Minnesota  
 Major, Zoology  
 Minor, Entomology  
 Thesis, The Effect of Stream Con-  
 ditions on Lake Plankton
- JANET RUTH REULER  
 B.S. '36, University of Minnesota  
 Major, Sociology  
 Plan B without thesis
- MARTIN ALLEN SATZ  
 B.A. '36, University of Minnesota  
 Major, Political Science  
 Minor, Sociology  
 Thesis, The Organization and Ad-  
 ministration of the National Re-  
 employment Service in the State  
 of Minnesota
- FERDINAND PETER SCHULTZ  
 B.A. '35, John Fletcher College  
 Major, History  
 Minor, Education  
 Thesis, The History of the Settle-  
 ment of German Mennonites from  
 Russia at Mountain Lake, Min-  
 nesota
- ETHEL STEINMAN  
 B.S. '36, University of Minnesota  
 Major, Sociology  
 Plan B without thesis

FRED WALTER TATTING  
B.S. '31, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, A Measurement of Transfer  
of Training in the Addition of  
Fractions

ARTHUR MELVIN WISNESS  
B.A. '14, Luther College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Special Study of the Effect  
of the Summer Vacation on the  
Achievement of Pupils in the Ele-  
mentary Grades

MILDRED BEHSE TRUMBLE  
B.A. '14, University of Minnesota  
Major, Education  
Plan B without thesis

## MASTERS OF SCIENCE

HAROLD RODNEY DODGE  
B.S. '35, University of Wisconsin  
Major, Entomology  
Minor, Forestry  
Thesis, The Bark Beetles (Scoly-  
tidae) of Minnesota (Coleoptera)

LLOYD LUTE KEMPE  
B.Ch.E. '32, University of Minnesota  
Major, Preventive Medicine and  
Public Health  
Plan B without thesis

JOHN NELSON HANSEN  
B.Ch. '35, University of Minnesota  
Major, Organic Chemistry  
Minor, Biochemistry  
Thesis, The Structure of Furazan  
Oxides

ALBERT WILLIAM MARSH  
B.Ch.E. '36, University of Minnesota  
Major, Soils  
Minor, Chemistry  
Thesis, Atmospheric Contribution of  
Sulfur to the Soil in Minnesota

MALCOLM COLBURN HOPE  
B.Ch.E. '33, University of Minnesota  
Major, Preventive Medicine and  
Public Health  
Plan B without thesis

JOHN MILTON McMILLEN  
B.S. with distinction '33, University  
of Minnesota  
Majors, Agricultural Biochemistry  
and Forestry  
Minor, Forestry  
Thesis, The Cooking of Minnesota  
Woods with Butyl Alcohol

MING-TAO JEN  
B.S. '26, National Central University  
Major, Entomology  
Minor, Biochemistry  
Thesis, A Preliminary Investigation  
of Chinese Plants Reported to  
Possess Insecticidal Properties

DAVID ALEXANDER REID  
B.S. '36, Kansas State College  
Major, Plant Genetics  
Minor, Plant Pathology  
Thesis, A Study of the Inheritance  
of Seedling and Mature Plant Re-  
action to *Puccinia graminis tritici*  
in a Cross of Wisconsin No. 38  
x Peatland Barley



## MASTER OF SCIENCE

### *In Psychometrics*

JEAN MARGARET CALLAHAN

B.A. '36, University of Minnesota

Major, Psychology

Minor, Sociology

Thesis, The Effect of Practice on  
Mean Scores on the Unit Scales  
of Aptitude

## MASTER OF SCIENCE

### *In Chemical Engineering*

HAROLD DAVID VAN WAGENEN

B.Ch.E. '36, University of Minnesota

Major, Chemical Engineering

Minor, Physical Chemistry

Thesis, Binary Alloy Plating Using  
Ammoniacal Solutions

## MASTER OF SCIENCE

### *In Mechanical Engineering*

HERALD KENYON PALMER

B.S. '24, B.S. in E.E. '30, South  
Dakota State College

Major, Mechanical Engineering

Minor, Mechanical Engineering (In-  
dustrial Engineering)

Thesis, Photoelastic Study of Stresses  
in Spur Gear Teeth

## MEDICAL SCHOOL

### BACHELOR OF MEDICINE

*with distinction*

MORRIS FRANK COHEN

### BACHELORS OF MEDICINE

CARL LUDVIG BIORN

ROGER JOHN BURKHART

WILLIAM SAWYER EISENSTADT

DANIEL LOUIS FINK

HAROLD JOSEPH FRANK

MARVIN JACOB GEIB

JOHN WOODROW JOHNSON

PAUL WESLEY KABLER

BERNARD NICHOLAS KARLEEN  
CONRAD IMMANUEL KARLEEN  
LUCIAN NICHOLAS LANO  
EVREL ARTHUR LARSON  
STANLEY BRYAN LINDLEY  
FRANK FLANDERS MCKEAN  
JOHN CHARLES MICKELSON  
WILLIAM WILMERDING MOIR, JR.  
MILAN VACLAV NOVAK  
ERNEST STERLING PALMERTON

OSLER LUTHER PETERSON  
WENDELL GLADSTONE PETERSON  
FREDERICK PAUL POPPE  
LEONARD ROTHMAN  
HARRY N. RUDIN  
JOHN RICHARD SCHRODER  
ALFRED GUSTAV SHERMAN  
DONALD JAMES STUDER  
CHARLES BISHOP WILL  
DONOVAN GEORGE WRIGHT

## DOCTORS OF MEDICINE

JOHN HENRY ALDES  
LOUIS ALFRED BENESH  
WILLIAM O. CLARKE  
LUTHER FOREST DAVIS  
RAYMOND LIVINGSTON ECK  
NILS ARTHUR FRANZEN  
LLOYD C. GILMAN  
HARALD MARTIN GRANING  
LYLE JOSEPH HAY  
ELWYN RAYMOND HUDEC

PAUL WESLEY KABLER  
THOMAS JACKSON KENYON  
LEWIS ARTHUR KNUSTON  
SHELDON KOFF  
ROBERT SISSON LEIGHTON II  
LINUS FREDERICK LEITSCHUH  
ANTHONY A. SCHMITZ  
CARLYLE TINGDALE  
CLIFFORD THEODORE WADD  
THEODORE SAUL WITTELS

## GRADUATE SCHOOL

### MASTER OF SCIENCE

#### *In Ophthalmology*

HENRY LEONARD BIRGE  
B.A. '30, Dartmouth College  
M.D. '33, University of Pennsylvania  
Major, Ophthalmology  
Minor, Pathology  
Thesis, Epithelioma of the Eyelids  
and Conjunctiva

### DOCTORS OF PHILOSOPHY

REINER BONDE  
B.S. '22, University of Minnesota  
M.S. '26, University of Maine  
Major, Plant Pathology  
Minor, Entomology  
Thesis, A Study of Blackleg and  
Seed-Piece Decay in the Irish  
Potato  
Major Adviser, Prof. J. G. Leach

WILLIAM SAMUEL CARLSON  
B.A. '32, Macalester College  
Major, Psychology  
Minor, Educational Psychology  
Thesis, Further Studies in Expres-  
sive Movement  
Major Adviser, Prof. D. G. Paterson

CONSTANCE MARY McCULLOUGH

B.A. '32, Vassar College  
M.A. '33, Butler University  
Major, Education  
Minors, Mathematics and Biometry  
Thesis, Prediction of Success in the  
School of Dentistry at the Univer-  
sity of Minnesota by Means of  
Tests and Certain Other Factors  
Major Adviser, Prof. H. R. Douglass

JOHN WESLEY NELSON

B.S. '25, M.S. '31, University of  
Minnesota  
Major, Biochemistry  
Minor, Bacteriology  
Thesis, A Study of the Nutritive  
Value of Fresh-water Plants  
Major Adviser, Prof. L. S. Palmer

LOIS COATES SELLERS

B.S. '29, University of Manitoba  
M.S. '33, University of Minnesota  
Major, Biochemistry  
Minor, Physiological Chemistry  
Thesis, Properties of the Proteins  
Resulting from the Thermal Frac-  
tionation of Glutenin  
Major Adviser, Prof. C. H. Bailey

JOSEPH CLEMENT SHAW

B.S. '30, Iowa State College  
M.S. '33, Montana State College  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, Blood Composition and Milk  
Secretion  
Major Adviser, Prof. W. E. Petersen

SAMUEL HOLLISTON THOMPSON

B.S. '14, University of Minnesota  
M.S. '23, Iowa State College  
Major, Agricultural Economics  
Minor, Economics  
Thesis, Economic Trends in the  
Marketing of Iowa Livestock  
Major Adviser, Prof. O. B. Jesness

EARL WEAVER

B.S. '13, Oklahoma Agricultural and  
Mechanical College  
M.S. '17, Iowa State College  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, Physiological Factors Affect-  
ing Milk Flavor with a Considera-  
tion of the Validity of Flavor  
Scores  
Major Adviser, Prof. W. E. Petersen

HONORS AND PRIZES ANNOUNCED ON CAP  
AND GOWN DAY, MAY 12, 1938

PHI BETA KAPPA

CHARLOTTE G. ANDERSON  
RUTH B. ANDERSON  
RALPH BERDIE  
SPENCER W. BROWN  
HELEN CODERE  
JOSEPH COHEN  
ELIZABETH COLSON  
MARGARET EMILY DAHLBERG  
EDITH DAVIS  
CHARLES DU TOIT  
PETER EDMONDS  
BLANCHE EWALD  
NATHAN GEWIRTZ  
MARGARET GLOCKLER  
HORTENSE HAGE  
JOHN HARDING  
FRANCES M. HEALY  
SELMER M. JOHNSON  
ARDIS KAPLAN  
JOHN KIRKLIN  
ANDIE KNUSTON

SHEILA KRAGNESS  
BERNICE V. LARSON  
AUDREY JEAN LEWIS  
WILFRED H. LINDQUIST  
ETHEL LINK  
VALERIA MAYER  
JOHN McEACHRON  
JAMES McMILLAN  
LEROY MERRIFIELD  
SYLVIA MOSKOVITZ  
LUCILE MOURER  
JOHN PAJARI  
ALICE E. PASS  
ANNE ROBERTS  
EDWIN ROTHMAN  
SISTER TERESITA JUDD  
BETTY JEAN SWANSON  
CAROL P. TURNER  
MARGARET VAN DE ERVE  
WILLIAM WADE  
EDITH WEST

DOROTHY L. WHITNEY

LAMBDA ALPHA PSI

ROLAND BLOSJO  
WILLIAM BRUNNER  
LAURA MARIE BURNS  
LAURIE L. CAVANAUGH  
JOSEPH FEDOR COHEN  
MARGARET EMILY DAHLBERG  
ELLEN DI GIAMBATTISTA  
ELIZABETH KNOX DONOVAN  
MARY ELIZABETH GRAY  
ALICE HARMON  
LOIS ELAINE HOBART  
JOHANNA HORN  
HOWARD W. JOHNSON  
KATHRYN E. JOHNSON  
ARDIS KAPLAN

BJARNE LANDA  
AUDREY JEAN LEWIS  
WILFRED H. LINDQUIST  
AVERILL FOREST LITTLE  
LINUS MALONEY  
HUBERT MEESSEN  
RUTH E. MERRY  
DONALD F. MUNRO  
ALICE E. PASS  
MILDRED RILING  
MURIEL E. STOWE  
BETTY JEAN SWANSON  
CAROL P. TURNER  
MARY LOUISE VINCENT  
DOROTHY L. WHITNEY

## TAU BETA PI

HOMER S. ANDERSON  
LESLIE A. ANDERSON  
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KENNETH L. DUNNING  
QUENTIN E. ERLANDSON  
HERBERT H. GAUSTAD  
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THOMAS D. MACKENZIE  
HAROLD J. MAIERS

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ROLAND C. MEYER  
C. RUSSELL MICKELSON  
REUBEN M. OLSON  
OMAR L. PATTERSON  
ROBERT T. RASMUSSEN  
ROLAND RETRUM  
HAROLD C. SCHMIDT  
DONALD W. SCOTT  
KENNETH SORENSON  
HENRY S. STILLWELL  
DONALD O. SWANN  
VERNON C. TOLLEFSRUD  
WILLIAM R. TRUTNA  
HOWARD E. TURNER  
WALLACE W. WILCOX  
EARL WOOKEY

## ETA KAPPA NU

ERLING M. HAGEN  
LYLE K. HANSON  
JACK E. HYDE  
LENNARD W. JOHNSON  
ROBERT E. McDONALD

NORMAN C. MILLER  
JOSHUA PREMACK  
LEON E. SABINE  
VERNON C. TOLLEFSRUD  
BURTON A. WYMAN

## PI TAU SIGMA

WILFRED C. CADWELL  
DONALD E. FINN  
C. RODGER FREBERG  
FRANCIS G. GERBER  
ROBERT D. HARVEY  
WILLARD C. HOAGBERG  
JOHN J. KORDISH

ROBERT P. MANLY  
ROLAND C. MEYER  
REUBEN M. OLSON  
HAROLD E. OSTDAHL  
EDWARD D. PIERSON  
DONALD F. REED  
DANIEL B. SHOTWELL

## COMMACINI

VERNER JOHNSON  
JOHN KELLAM

FRANCIS MEISCH  
ROBERT PIERCE  
GORDON SCHLICHTING

## CHI EPSILON

LESLIE A. ANDERSON  
WILSON C. BROWN  
HERBERT H. GAUSTAD

ERLING J. HELLAND  
INAR C. HILLMAN  
CLARK T. HOOK

EDWARD F. JACOBS  
WILLIAM R. LOWE  
THOMAS D. MACKENZIE  
ELWOOD MAGEE

HAROLD J. MAIERS  
MARK W. OLSON  
WILLARD D. OLSON  
KENNETH W. PERSON  
KENNETH E. SORENSON

### GAMMA SIGMA DELTA

ROLAND H. ABRAHAM  
ALLEN R. BATESON  
FRED DICKINSON  
GUY STANTON FORD  
HARLOW W. HALVORSON  
WILLIAM LOEGERING  
KERMIT W. MILLER

GEORGE G. ROADFELDT  
TORSTI SALO  
ALOIS R. SCHMID  
LAWRENCE P. TERCH  
JOHN R. TIMPERLEY  
RUSSELL L. WOLD  
BETTY ANN WITTMAN  
ROBERT ZABEL

### OMICRON NU

FRANCES ERICKSON  
CONSTANCE GILMORE  
JANET HART  
THORA HEGSTAD

ROBERTA JUST  
LAVERNE LARSEN  
ADA MOORE  
LILLIAN NORVOLD

### ORDER OF THE COIF

REGINALD AMES  
WARREN BLAISDELL  
WALLACE JACKSON

DAVID LOUISELL  
RICHARD MOORE  
JACK WERNER

### ALPHA OMEGA ALPHA

ROBERT BERRY  
VICTOR J. BIRNBERG  
ARNOLD J. CHLAD  
MORRIS F. COHEN  
CHARLES T. EGINTON  
BERNARD N. KARLEEN

JOHN KOMETANI  
JOSEPH O. LASBY  
STANLEY V. LOFSNESS  
BRIAN J. MCGROARTY  
MARY A. SCHMIDT  
HOWARD R. SEIDENSTEIN  
CARL OLIVER THOMPSON

### OMICRON KAPPA UPSILON

HENRY A. BOLT  
KENNETH C. DEGON  
J. ROGER DELANGE  
LEWIS W. LAW

RALPH A. LOGAN  
FRED E. MAASS  
WILLARD A. RIECHEL  
FRED R. STAVA  
N. WILLIAM STOWRING

## RHO CHI

HERBERT J. COLE  
MAURICE GARTEN

WINIFRED ALICE KEYES  
VALERIA CELESTE REMER

## PHI LAMBDA UPSILON

FRED C. BEARDSLEY  
LAWRENCE W. BERGLUND  
JACK S. CLAYTON  
CARROLL J. DOBRATZ  
CYRIL D. EVANS  
WALTER J. GENSLER  
CHARLES J. HEDLUND  
ALBERT E. HOUK  
FRANK W. HURD  
DR. G. L. JENKINS  
PAUL R. JOHNSON  
HERBERT A. LAITINEN  
GEORGE E. LUND  
ALBERT W. MARSH  
JOHN J. McBRADY

JOHN C. McCOOL  
BLAINE C. McKUSICK  
C. RUSSELL MICKELSON  
EDWIN F. ORLEMAN  
EDGAR P. PAINTER  
PAUL E. RAMSTAD  
TORSTI SALO  
ROBERT A. SCHNEIDERBAUER  
TAITO SOINE  
LEO J. SPILLANE  
JOSEPH A. SPRUNG  
WILLIAM E. STONE  
ALDRICH SVERSON  
WILLIAM R. TRUTNA  
JAMES I. WATTERS

## IOTA SIGMA PI

PHYLLIS BREWSTER  
DOROTHY EIDEM  
RUTH FOSTER

HARRIET HANSEN  
MARGARET HIGGENBOTHAM  
LAURINE JACK

## PI LAMBDA THETA

RUTH B. ANDERSON  
BERNICE COWL  
MARTHA DALLMANN  
ANITA GORDON  
PHYLLIS GOUGH  
ANN GRAY  
SIGNE HOLMSTROM  
ALMA JENSEN  
JANE JOHNSTON  
ROBERTA JUST  
PERNILLA LEMBEK  
ETHEL LINK  
IRMA MONLUX

MARGARET NELSON  
LOIS NYQUIST  
MARY ELIZABETH OWEN  
MARY E. PARKER  
LEONE PARKINSON  
MILDRED PEEHL  
DOROTHY PICKETT  
MARION SOMMER  
EDITH STEVENS  
EMILY VEBLÉN  
MARY LOUISE VINCENT  
INGRID WAANANEN  
ANITA WIEDERAENDERS

## BETA GAMMA SIGMA

WALTER BARRON	HAROLD JENSEN
LYNN J. BAUMAN	NORMAN JENSEN
WILLIAM J. BAUMAN	WILLIAM K. KLEIN
FRED A. BAUMANN, JR.	PAUL W. LEEDS
DAVID BELCHER	JOHN MARTIN
ELEANOR BENDA	ARNOLD MATTHIES
LYLE M. BOHLIG	VERA MUNSON
JOHN CARROLL	ROBERTA NELSON
STARHL WILLIAM EDMUNDS	J. DONALD O'KEEFE
LOYD ENGLISH	CLAYTON J. PIERCY
SHERMAN FINGER	ARNOLD S. ROBERTS
NEWELL GAASEDELEN	MARTIN SANDLER
RICHARD GAUMNITZ	DUANE SAUNDERS
MILDRED GULICK	VIRGIL SCHIMMEL
ORRIS HERFINDAHL	DUANE SOURS
AUSTIN J. HOLLY	EMERSON VAN DER BOOM
HARLEY R. HUGHES	JOHN VELEN
	JAMES WHITBECK

## DELTA PHI LAMBDA

CHARLOTTE G. ANDERSON	ARDIS KAPLAN
RUTH ANDERSON	LOUISE KLOHN
LEROY ARNOLD	MRS. A. C. KREY
JOHN D. BELL	LETITIA KREY
ARTHUR BOUVIER	WALTER LOBAN
DEANE BOYD	PHYLLIS MAHON
G. ROBERT CARLSEN	WILLIAM MADSEN
MURIEL CARR	FELIX NOLAND
LOUISE CHANDLER	MARTIN QUIGLEY
BESS DWORSKY	GERTRUDE OSMAN
ROBERT DUGAN	JULIAN D. SERRILL
BEDA ERICKSON	ROBERT SIMONDS
ELSA GAFVERT	HARDIE SMITH
DONALD GOLDTHORPE	ROBERT TRYGSTAD
ANITA GORDON	ISOBEL TUOMEY
HANS HANSEN	VELMA VIKINGSON
SEBA RUTH HARRIS	WILLIAM WADE
LOIS ELAINE HOBART	PAUL WEISS
HOWARD HONG	AVIS BARBARA WRIGHT

## DELTA SIGMA PSI

LILLIAN J. FREEMAN	MARTHA J. SILSETH
--------------------	-------------------



## MU PHI EPSILON

STEPHANIA BJORNSON  
ALMA JOHNSON  
VIVIAN LUND

CAROL OLSON  
EUNICE TORGERSON  
KATHLEEN LARAUT WRENN

## SIGMA EPSILON SIGMA

MARY AXFORD  
FRANCES ANDERSON  
RUTH BUEGEL  
MARGUERITE CARLSON  
GRACE ELIZABETH DILLS  
JULIA GRANT  
JEAN ANN HAY  
RUTH HETLAND  
JEAN ANN JERMSTA  
RUTH LOTSPEICH  
BERTHA ANN LUCKER  
HELEN LUNDBORG  
ARLENE L. MAGNUSSON  
ESTHER LEA MEDALIE  
EILEEN MOSIER

MARY RAE MUEDEKING  
ALICE E. NELSON  
DOROTHY E. NELSON  
GUNHILD LINDQUIST OSTROOT  
LORRAINE PEARSON  
ABIGAIL PICHA  
MERILYS E. PORTER  
HATTIE PRICE  
HELEN RICHMOND  
MARY ANNA SHORBA  
MARY SNOKE  
HAZEL STOICK  
MARY JANE VON ROHR  
ELEANOR C. WEYER  
BERDELL WINGER

FRANCES G. WOODFILL

FELLOWSHIPS, SCHOLARSHIPS  
AND PRIZES

SHEVLIN FELLOWSHIPS

*Science, Literature, and the Arts*

CHERN-HOW LOU

*Agriculture, Forestry, and Home Economics*

THOMAS LASKARIS

*Medicine*

HENRY MITSUMASA TSUCHIYA

*Chemistry*

FRANK T. EGGERTSON

CALEB DORR GRADUATE RESEARCH FELLOWSHIPS

DAVID WALTER GREGORY

HARRY DAVIS PRATT

ALBERT HOWARD SCHOLARSHIP

FULTON KOEHLER

CLARA UELAND FELLOWSHIP

MILDRED RAPHAEL

DU PONT FELLOWSHIP

GEORGE MITCHELL

MINNESOTA STATE PHARMACEUTICAL ASSOCIATION  
GRADUATE FELLOWSHIPS

LOUIS S. SAVAGE

TAITO SOINE

COFFMAN FOUNDATION SCHOLARSHIP

CASPER J. HEASER

MINNEAPOLIS COLLEGE WOMEN'S CLUB  
SCHOLARSHIP

MARGARET PEARL MARTIN

STANDARD OIL COMPANY OF CALIFORNIA  
FELLOWSHIP

M. GORDON FREY

MOSES MARSTON SCHOLARSHIP

MARY LOUISE VINCENT

JOHNSON FOUNDATION SCHOLARSHIPS

LESLIE ANDERSON

ROBERT EDDY

CLARENCE HANSON

WILFRED H. LINDQUIST

GISLE BOTHNE SCHOLARSHIP OF THE  
DELTA SIGMA PSI

MARCUS HINDERLIE

HORTON ART SCHOLARSHIP

ALICE L. MOE

EMIL OBERHOFFER FELLOWSHIP

AGNES THOMPSON

CALEB DORR SCHOLARSHIPS AND MEDALS

*Senior medals*

KERMIT MILLER

BETTY ANN WITTMAN

*Junior scholarships*

THORA HEGSTAD

ROBERT SCHUTZ

*Sophomore scholarships*

ELDON BEHR

JULIA GRANT

*Freshman scholarship*

ELIZABETH CAVERT

ALPHA ZETA SCHOLARSHIP

ROBERT WANGERIN

SAMUEL B. GREEN SCHOLARSHIP

KERMIT MILLER

ALPHA TAU DELTA SCHOLARSHIP

BEATRICE ELAINE JOHNSON

MINNESOTA STATE PHARMACEUTICAL  
ASSOCIATION SCHOLARSHIP

HERBERT J. COLE

MINNEAPOLIS WOMEN'S ADVERTISING CLUB  
SCHOLARSHIP

MILDRED B. GULICK

NORTHWEST DAILY PRESS ASSOCIATION  
JOURNALISM SCHOLARSHIP

GEORGE WESLEY RICE

AMERICAN INSTITUTE OF ARCHITECTS MEDAL

VERNER JOHNSON

SCARAB MEDAL

JOHN R. KELLAM

SOUTHERN MINNESOTA MEDICAL ASSOCIATION  
MEDAL AND PRIZE

MORRIS COHEN

LEHN AND FINK MEDAL

LOUIS S. SAVAGE

CONFERENCE MEDAL

DOMINIC KREZOWSKI

WULLING CLUB KEY

TAITO SOINE

GEORGE DAVIS BIVIN FOUNDATION PRIZES

*Graduate Students*

*First prize*

STUART W. COOK

*Second prize*

HELEN M. SANDS

*Undergraduate Students*

*First prize*

RUTH WESTLUND

JOHN S. PILLSBURY PRIZES

*First place*

HAROLD MARGULIES

*Second place*

C. DONALD PETERSON

*Third place*

EDWARD WEGENER

FRANK H. PEAVEY PRIZES

*Sophomore team*

PAUL O. JOHNSON

ELLIOTT ROSENFELD

WARD STEVENSON

LUDDEN PRIZES

*First place*

HOWARD GROSSMAN

*Second place*

ELLIOTT ROSENFELD

*Third place*

HAGAI GELB

LAMBDA ALPHA PSI PRIZE

SEBA RUTH HARRIS

SIGMA DELTA CHI SCHOLARSHIP AWARDS

ANNA BERNSTEIN

BEN GALLOB

ROBERT HUBBARD

FOREST JENSTAD

SAM KEIL

MAJEL KRIESE

ROBERT MARSHALL

SEYMOUR PEDERSON

WILLIAM ROUNDS

CHI OMEGA PRIZE

LUCILLE PAZANDAK

HELEN DWAN PRIZE

FREEMAN KOBERSTEIN

WILLIAM JENNINGS BRYAN PRIZE

GEORGE W. DYE

UNIVERSITY OF MINNESOTA STUDENT BRANCH OF  
THE INSTITUTE OF AERONAUTICAL  
SCIENCES PRIZE

STANFORD CHURCH

NORTHWESTERN SECTION, AMERICAN SOCIETY  
OF CIVIL ENGINEERS PRIZES

*First prize*

KENNETH PERSON

*Second prize*

MARK OLSON

MINNESOTA CHAPTER, AMERICAN SOCIETY OF  
MECHANICAL ENGINEERS PRIZES

*First prize*

ASBJORN M. SEVERSON

*Second prize*

RICHARD HENNING

*Third prize*

ROBERT G. BREDESON

NORTHERN STATES POWER COMPANY PRIZES IN  
INTERIOR ARCHITECTURE

ROBERT CALROW

KEMPER KIRKPATRICK

TAU BETA PI PRIZE

WILLIAM BENJAMIN

ETA KAPPA NU PRIZE

THEODORE SPECHT

PI TAU SIGMA PRIZE

GEORGE MONTILLON

CHI EPSILON PRIZE IN CIVIL ENGINEERING

MAURICE WOXLAND

ALPHA ALPHA GAMMA PRIZE IN ARCHITECTURE

FREDERICK ROTH

ALPHA CHI SIGMA PRIZE

MARTIN FARKAS

CHEMISTRY FACULTY PRIZE

HENRY WAYNE ANDERSON

GEORGE T. PIERCY

CHARLES LYMAN GREENE PRIZE IN PHYSIOLOGY

PAUL S. HAGEN

ROLLIN E. CUTTS PRIZE IN SURGERY

CHARLES T. EGINTON

SOUTHERN MINNESOTA MEDICAL ASSOCIATION  
AWARD

ROBERT BERRY

LOUISE M. POWELL PRIZE

MYRTLE KITCHELL

FLORENCE LEECH

LOUISE C. BALL PRIZE

PATRICIA MAGOON

ALPHA KAPPA GAMMA PRIZE

ADELINE NAFTALIN

KAPPA EPSILON AWARD

DOROTHY BRECHT

DELTA SIGMA PI SCHOLARSHIP KEY

NICHOLAS CARROLL NORELL

ALPHA KAPPA PSI SCHOLARSHIP MEDALLION

STARHL WILLIAM EDMUNDS

MINNESOTA BOOK STORE PRIZES

*Journalism*

*First prize*

JAY J. RICHTER

*Second prize*

BEN GALLOB

*Third prize*

WILLIAM H. KELTY



## SUMMARY OF DEGREES

AS LISTED IN THE TENTATIVE PROGRAM FOR 1938

College of Science, Literature, and the Arts.....	310	
Degrees conferred during the year.....	145	
	455	
Institute of Technology.....	245	
Degrees conferred during the year.....	53	
	298	
*College of Agriculture, Forestry, and Home Economics.....	149	
Degrees conferred during the year.....	82	
	231	
Law School.....	117	
Degrees conferred during the year.....	8	
	125	
Medical School.....	286	
Degrees conferred during the year.....	185	
	471	
School of Dentistry.....	110	
Degrees conferred during the year.....	30	
	140	
College of Pharmacy.....	37	
Degrees conferred during the year.....	4	
	41	
*College of Education.....	330	
Degrees conferred during the year.....	220	
	550	
School of Business Administration.....	166	
Degrees conferred during the year.....	57	
	223	
University College.....	15	
Degrees conferred during the year.....	5	
	20	
General College.....	57	
Degrees conferred during the year.....	17	
	74	
Graduate School.....	191	
Degrees conferred during the year.....	241	
	432	
†Total degrees conferred.....	1,980	
Degrees conferred during the year.....	1,035	
	3,015	
General Extension Certificates.....	5	

\* 33 degrees conferred on candidates graduating jointly from the College of Agriculture, Forestry, and Home Economics and the College of Education.

† The duplicates are deducted from the total.

# University of Minnesota

SUMMER SESSION  
COMMENCEMENT EXERCISES  
1938



NORTHROP MEMORIAL AUDITORIUM  
THURSDAY, JULY TWENTY-FIRST, AT ELEVEN O'CLOCK

## ORDER OF EXERCISES

Dean MALCOLM M. WILLEY, Presiding

PROCESSIONAL—Grand Chorus - - - - - *Guilmant*

ARTHUR POISTER, Organist

SONG—"America"

My country! 'tis of thee,  
Sweet land of liberty,  
Of thee I sing;  
Land where our fathers died!  
Land of the Pilgrims' pride  
From every mountain side  
Let freedom ring.

Our fathers' God! to Thee,  
Author of Liberty  
To Thee we sing;  
Long may our land be bright  
With freedom's holy light;  
Protect us by Thy might  
Great God our King.

COMMENCEMENT ADDRESS—

MATTHEW T. McCLURE, Ph.D.

Dean of the College of Liberal Arts and  
Sciences, University of Illinois

MUSIC—Andante Cantabile - - - - - *Widor*

ARTHUR POISTER

CONFERRING OF DEGREES

MALCOLM M. WILLEY, Ph.D.

University Dean and Assistant to the President

## SONG—"Hail Minnesota"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

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### SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.

## CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the first term of the Summer Session, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

### MEDICAL SCHOOL

#### GRADUATE IN NURSING

MILDRED ELIZABETH ORWALL

### COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

#### BACHELOR OF ARTS

†*magna cum laude*

DAVID MAHLON ANDERSON

#### BACHELOR OF SCIENCE

†*cum laude*

AGATHA LOUISE LINDNER

#### BACHELORS OF ARTS

IRVING GILMAN DAVIS, JR.  
EARL WILLARD FINBERG  
NATHAN FRANK  
PAULINE FRENCH  
WALTER FRICK  
DONALD GOLDTHORPE  
JEAN MARIE LANGFORD  
LEO JULIUS LAPPIN

WILLIAM FORBES MICHEL  
ARTHUR EMANUEL NELSON  
PAUL NOUN  
NAN LOUISE SCALLON  
ALFRED NEILSON SEABURY  
WILLIAM DAYTON SWEASY  
AGNES ALBERTINE THOMPSON  
RICHARD HENRY WHITMORE

#### BACHELORS OF SCIENCE

VIRGINIA LEE BECHTOL

ANN POMUSH

CLARA HELEN SEITZ

† Candidates graduating with honors are identified by differentiated shoulder insignia.

**INSTITUTE OF TECHNOLOGY**  
**BACHELOR OF CHEMICAL ENGINEERING**

*†with high distinction*

LAWRENCE WOODROW BERGLUND

**BACHELORS OF CHEMICAL ENGINEERING**

*†with distinction*

JACK SCOTT CLAYTON

EARL ANDERSON WOOKEY

**BACHELORS OF CIVIL ENGINEERING**

RAYMOND JOSEPH BASS

DAN D. OBERHOLZER

ROBERT EARLE NICHOLS

GUST LENARD PEARSON

CHIA-YING WU

**BACHELOR OF ELECTRICAL ENGINEERING**

JOHN ALLAN MURRAY

**BACHELOR OF INTERIOR ARCHITECTURE**

MILTON L. ROGNESS

**BACHELORS OF CHEMICAL ENGINEERING**

ALAN DOUGLAS COLBY

ERVIN WALLACE WALLENTINE

**COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS**

**BACHELOR OF SCIENCE**

*(Course in Science Specialization)*

WALTER BURDETTE GARVER

*(Course in Forestry)*

LEONARD JOSEPH KUCERA

† Candidates graduating with honors are identified by differentiated shoulder insignia.

*(Course in Home Economics)*

HILDORA JUDITH EKREM

KATHRYN ANN J. FRANTA  
ANNETTE WILKENS

**LAW SCHOOL**

**BACHELORS OF SCIENCE**

*In Law*

EDWARD L. MURPHY, JR.

ROBERT J. RITTER

**MEDICAL SCHOOL**

**BACHELORS OF SCIENCE**

MARGARET BURNET FITE

DAVID GLENN MACMILLAN

LOIS LENORE JOHNSON

THOMAS MICHAEL SEERY

**COLLEGE OF EDUCATION**

**BACHELORS OF SCIENCE**

*†with distinction*

CHRISTINE MILLER ADOLPHSON

LEONARD ARTHUR JOHNSON

MILLIE CHRISTOPHERSON BERGAN

LEONE LOHREY

ESTHER MARIE CARLSON

HAZEL VIOLA MORTERUD

VIVIEN MARIE CARLSON

DRUCELLA THERESSE NELSON

MARGARET DONOVAN

ELIZABETH ELMIRE PELTIER

JULIA VIOLET GABRIELSON

ELLA PELTO

ALICE DOROTHY GRENDALE

JOSEPHINE M. SERRA

MARION RUTH LOUISE HOLMBERG

THELMA ANNA ELIZABETH SWANSON

RONA SCHUETT WHELAN

**BACHELORS OF SCIENCE**

SOLVEIG LOIS AANESTAD

ESTHER MARIE EIDE

FRANCES FLORENCE ARTHUR

RUTH ENGBRETSON

THEADORA BOETTCHER

MARGARET ISOBEL ERHARDT

MARIE BUNES

EMMA MICHLER FITCH

ETHEL DELANA CASE

EVELYN DAGMAR FLAGSTAD

LUCILE BISHOP CULBERT

HELEN MARY FOELSCHOW

LEONARD COURTNEY DICKEY

PORTIA ELNORA FULTON

† Candidates graduating with honors are identified by differentiated shoulder insignia.

MAXINE HABBERSTAD GOLBERG  
WILLIAM HERBERT GRAVES, JR.  
LUCILE MYRTLE HALVERSON  
LOLA MARGUERITE HANSON  
RUTH FRANCES HARRIS  
MYRNA GERALDINE HETHERINGTON  
EDITH HINDMAN  
MINNIE HOLDHOUSE  
SELMA WILHELMINA HOLQUIST  
SHERMAN EUGENE IVERSON  
CHARLOTTE ELIZABETH JOHNSON  
JEAN LOUISE JONES  
MARIE ELLEN KANE  
MARION IDA KASK  
KATHRYN MCHUGH KESSELS  
EVELYN CAROLINE KRIESEL  
LE ONA KRIESEL  
GORDON WAYNE KROGFOSS  
ELIZABETH REGINA LAMBERTY  
MARGARET HELEN LA PRAY  
CHRISTINE LIEN  
GENEVIEVE MILDRED LIND  
ENGA OLAVA LUND  
FRANCES MARY MANLEY  
HAZEL BESSIE MASON  
JOHN MENOZZI, JR.  
ANNABELLE MERGENS  
ANNE ELAINE MIKALSON

LUCILE MOORMAN  
J. ADELAIDE MOREN  
MARGARET JEAN MORROW  
SELMA FLORENCE MOSTROM  
AUGUSTUS ALVIN MUNSON  
CHRISTINE MUNSON  
ESTHER MUNSON  
CECILIA NELSON  
JEAN MEREDITH NELSON  
HARRIS WILLIAM OLSON  
MILDRED ELIZABETH ORWALL  
CHRISTIAN GEORGE PAPPAS  
ROSE AUGUSTA PETERSON  
JOSEPHINE MAE QUINN  
MABEL IRENE RALEIGH  
MARGARET BERNICE REINE  
SAMUEL ALBERT RILEY  
GEORGE E. ROSCOE  
GERTRUDE ESTHER RUESINK  
JOHN SABAKA  
DORIS LUCILLE SCHAUB  
MAY ABBY SEAVEY  
FLORENCE CASTNER SLATER  
MARIE HILDEGARDE STEFFEN  
CLARKE WALDEMAR TAUBE  
THILDA VANGSTAD  
ANNA MARIE WEINLICK  
ELIZABETH MAIDA WRIGHT

**COLLEGE OF EDUCATION, AND COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS**

**BACHELOR OF SCIENCE**

*(Course in Agriculture)*

JOHN EDWARD VUKELICH

*(Course in Home Economics)*

MIRIAM ROSE SCHOLBERG

**SCHOOL OF BUSINESS ADMINISTRATION**

**BACHELOR OF BUSINESS ADMINISTRATION**

*†with distinction*

JAMES DONALD O'KEEFE

† Candidates graduating with honors are identified by differentiated shoulder insignia.



## BACHELORS OF BUSINESS ADMINISTRATION

FREDERICK BJORKLUND	MARGUERITE KEMP
WILLIAM HYDE DREW	FLOREINE MILDRED LUND
JOHN RUSSELL EDWARDS	ESTHER MILLMAN
ARTHUR MAGNUS ESPELAND	ELEANOR VIVIAN MILLS
JAMES WILLIAM FREEBURG	JAMES BRADLEY NICHOLS
FRANK MAENDLER FRENZEL	RUTH MARIE ORLEBEKE
WALTER JOHN GARDNER	VIOLA ANNA SIEBENTHAL
Cecil James Herron	COURTLAND GEORGE SMITH
ELLSWORTH MERTON TOWLE	

## UNIVERSITY COLLEGE

### BACHELORS OF ARTS

MAUD ESTHER EARL	JOHN ALVIN HERRMANN
------------------	---------------------

## SCHOOL OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

BENJAMIN SAUL BOOKHALTER	WILLIAM WALLACE HENSEL
WILLIAM PARNELL CURRAN	CAREY JOHANSEN
ROBERT WILLIAM FLETCHER	EDWIN JOHN KLEIMOLA
BLAINE MERTON GUNDERSON	FLORIAN JOHN KLICK
THOMAS RUSSELL HARRISON	JOHN BERTRAND STOLL
FREDERICK THOMAS WIGAND	

## GRADUATE SCHOOL

### MASTERS OF ARTS

LYLE CARMAN ACKLIN	WILLIAM OLE ANDERSON
B.S. in Ed. '30, University of North Dakota	B.S. '25, University of Minnesota Major, Educational Administration
Major, Educational Administration Plan B without thesis	Plan B without thesis
HENRY THOMAS ANDERSON	WILBERT CARL ARNDT
B.S. '27, University of North Dakota Major, Educational Administration	B.E. '32, Mankato State Teachers College
Plan B without thesis	Major, Education Plan B without thesis

- ROBERT GREENLEAF ATHEARN  
 B.S. '36, University of Minnesota  
 Major, History  
 Plan B without thesis
- JOSEPH DONALD BATCHELLER  
 B.A. '36, Carnegie Institute of Technology  
 Major, Speech  
 Minor, English  
 Thesis, A Comparative Study of the Contributions of Steele MacKaye and David Belasco to the American Theatre
- JACOB BEARMAN  
 B.A. '36, University of Minnesota  
 Major, Mathematics  
 Minor, Physics  
 Thesis, Geometric Constructions of the Third and Fourth Degrees and Some Related Topics
- JOHN ALTON BEHRENBRIKER  
 B.S. '36, University of Minnesota  
 Major, Education  
 Plan B without thesis
- GEORGE LINDERT BERRY  
 B.A. '32, Hamline University  
 Major, Educational Administration  
 Plan B without thesis
- REUBEN OSCAR BOEHLKE  
 B.A. '25, Macalester College  
 Major, Educational Administration  
 Plan B without thesis
- THOMAS MAXWELL CHRISTISON  
 B.S. '37, University of Minnesota  
 Major, Zoology (Cytology)  
 Minor, Psychology  
 Thesis, The Chromosomal Complex of the Dog as Revealed by the Germ Cells, the Amnion, and the Embryonic Somatoplasm
- LESLIE LEWIS COLBY  
 B.S. '19, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, An Analysis of Kinds of Illustrative Materials Found in Arithmetic Textbooks
- ETHEL NATALIE DREXLER  
 B.A. '37, University of Wisconsin  
 Major, Child Welfare  
 Minor, Psychology  
 Thesis, A Study of the Development of the Ability to Carry a Melody at the Preschool Level
- JOHN LOUIS FEIRER  
 B.S. '36, Stout Institute  
 Major, Education  
 Plan B without thesis
- JOHN BENEDICT GODICH  
 B.S. '31, University of Minnesota  
 Major, Educational Administration  
 Plan B without thesis
- PERRY BONNELL GRAYBILL  
 B.E. '35, Mankato State Teachers College  
 Major, Education  
 Plan B without thesis
- HOWARD CHARLES HALL  
 B.S. '23, University of Minnesota  
 Major, Educational Administration  
 Plan B without thesis
- HELEN ESTHER HARRIS  
 B.A. '34, Macalester College  
 Major, Zoology  
 Plan B without thesis
- KATHRYN MAY HARRISON  
 B.A. '28, Wheaton College  
 Major, Education  
 Plan B without thesis

- GLENN ALLEN HART  
B.E. '33, Central State Teachers College (Stevens Point, Wisconsin)  
Major, Educational Administration  
Plan B without thesis
- JAMES JOSEPH HAYES  
B.A. '31, De Paul University  
Major, Education  
Minor, Educational Psychology  
Thesis, A Comparison of the Results of Teaching Algebra under Two Conditions: One Class Period for Two Semesters and Two Class Periods for One Semester
- IRENE RUTH HEDBERG  
B.A. '31, Macalester College  
Major, Latin  
Plan B without thesis
- RALPH BLOEDOW HEINEMANN  
B.A. '19, Carleton College  
Major, Educational Administration  
Plan B without thesis
- JULES RANDOLPH HUKKEE  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Plan B without thesis
- ERLING OLAF JOHNSON  
B.A. '31, Luther College  
Major, Educational Administration  
Plan B without thesis
- JAMES PHILIP JUDGE  
Ph.B. '37, University of North Dakota  
Major, Child Welfare  
Plan B without thesis
- MILDRED BATES KAYS  
B.S. '27, Colorado Agricultural College  
Major, Child Welfare  
Plan B without thesis
- KENNETH CHARLES KELLETT  
B.E. '31, Superior State Teachers College  
Major, Educational Administration  
Plan B without thesis
- FLORENCE MAYDE KLEIN  
B.E. '33, St. Cloud State Teachers College  
Major, Education  
Plan B without thesis
- CHARLES JOSEPH KOPRIVA  
B.A. '36, University of Minnesota  
Major, English  
Minor, Philosophy  
Thesis, The Comedies of Ben Jonson in the Light of Henri Bergson's Theory of the Comic
- RUTH PHYLISS KUNFERMAN  
B.S. '36, University of Minnesota  
Major, Education  
Plan B without thesis
- NELDA CAROLYN KURTZ  
B.A. '37, Albion College  
Major, Speech  
Minor, English  
Thesis, The Biography Play in Modern Drama
- DUANE WALLACE LIDSTROM  
B.E. '36, Superior State Teachers College  
Major, History  
Plan B without thesis
- WILLIAM DOUGLAS MALLAM  
B.A. '36, University of Minnesota  
Major, History  
Minor, English  
Thesis, Social Contrasts in the North and South in the Middle Nineteenth Century, 1830-1860

- NATHAN GARY MANDEL  
 B.S. '34, University of Minnesota  
 Major, Social Work  
 Minor, Psychology  
 Thesis, A Controlled Analysis of the  
 Relationship of Boy Scout Tenure  
 and Participation to Community  
 Adjustment
- WILLIAM WALLACE McDERMET  
 B.A. '32, Cotner College  
 Major, Social Work  
 Plan B without thesis
- JOSEPH RAYMOND MONSON  
 B.S. '31, University of Minnesota  
 Major, Educational Administration  
 Plan B without thesis
- FAE MARGARET NEASE  
 B.A. '15, University of Minnesota  
 Major, Education  
 Minor, English  
 Thesis, A History of the Trends of  
 the Methods of Teaching Litera-  
 ture in the Secondary Schools of  
 the United States
- MARION FRANCES PARKOS  
 B.A. '33, College of Saint Teresa  
 Major, Latin  
 Minor, English  
 Thesis, Metaphor in Lucretius
- RUTH ELIZABETH PERSON  
 B.S. '30, University of Minnesota  
 Major, Education  
 Plan B without thesis
- SYLVIA POGORILER  
 B.S. '37, University of Minnesota  
 Major, Social Work  
 Plan B without thesis
- EDWIN LAWRENCE POWDERLY  
 Ph.B. '27, Creighton University  
 Major, Educational Administration  
 Plan B without thesis
- EDWARD PETER ROCK  
 Ph.B. '31, University of Wisconsin  
 Major, Educational Administration  
 Plan B without thesis
- FRANK GLESSNER RYDER  
 B.A. *summa cum laude* '37, Univer-  
 sity of Minnesota  
 Major, Comparative Philology  
 Minor, German  
 Thesis, Noun Declensions in Gothic  
 and West Germanic
- HELEN MARGARET SANDS  
 B.S. '35, Cornell University  
 Major, Child Welfare  
 Plan B without thesis
- SISTER MARY CARMENA LAWLOR  
 B.A. '29, College of St. Catherine  
 Major, English  
 Plan B without thesis
- CHALMERS LEONARD STACEY  
 B.A. '34, Acadia University  
 Major, Educational Psychology  
 Plan B without thesis
- BESSIE MAE STANCHFIELD  
 B.E. '32, St. Cloud State Teachers  
 College  
 Major, Education  
 Plan B without thesis
- FLORENCE EVELYN VEST  
 B.A. '18, University of Minnesota  
 Major, English  
 Minor, Comparative Literature  
 Thesis, Mark Twain and His Literary  
 Relationships
- JACK WAYNE WARFIELD  
 B.A. '37, University of Wisconsin  
 Major, Speech  
 Minor, English  
 Thesis, An Introductory Study of the  
 Training and Background of the  
 American Actor from 1849 to 1875

WILLIAM GEORGE WIEHOFF  
B.S. '30, University of Minnesota  
Major, Political Science  
Plan B without thesis

## MASTERS OF SCIENCE

THOMAS HAWLEY CANFIELD, JR.  
B.S. '24, University of Minnesota  
Major, Animal Husbandry  
Plan B without thesis

WALTER JOSEPH LACASSE  
B.S. '33, University of Minnesota  
Major, Zoology  
Minor, Education  
Thesis, Trichinosis in Minnesota Animals

LOUIS ALEXANDER FRIED  
B.S. '23, M.D. '25, University of Minnesota  
Major, Economic Zoology  
Minor, Forestry  
Thesis, Physical Changes in the Food of the Ring-necked Pheasant (*Phasianus colchicus torquatus* Gmelin) during Digestion

IRA MONTGOMERY  
B.S. '16, University of Minnesota  
Major, Agricultural Education  
Plan B without thesis

LEIGH HERMAN HARDEN  
B.S. '32, University of Minnesota  
Major, Agricultural Education  
Plan B without thesis

FRANCES LOUISE SCHNEIDER  
B.S. in H.E. '31, University of Tennessee  
Major, Home Economics Education  
Minor, Education  
Thesis, A Study of Attitudes of Boys toward Certain Family Relationships

ALBERT EDWARD H. HOUK  
B.S. '36, University of Minnesota  
Major, Agricultural Biochemistry  
Minor, Plant Physiology  
Thesis, The Fractionation of Wheat Carotenoids

FLORENCE WILCOX SCOTT  
B.A. '23, University of North Dakota  
Major, Home Economics  
Plan B without thesis

## MASTERS OF SCIENCE

### *in Psychometrics*

JANET BRUCE BURWELL  
B.A. *cum laude* '35, University of Minnesota  
Major, Psychology  
Thesis, The Effect of Practice on the Variability of Bright and Dull Eighth Grade Children in the Unit Scales of Aptitude

VITA NATALIE MOGILNER  
B.S. '37, University of Minnesota  
Major, Psychology  
Thesis, An Analysis of Aptitude Test Scores in Relation to Work Assignments on the St. Paul National Youth Administration Work Projects

**MEDICAL SCHOOL**  
**BACHELOR OF MEDICINE**  
GOLDEN SELIN

**GRADUATE SCHOOL**  
**MASTER OF SCIENCE**  
*in Neurology*

ARTHUR DAVID ECKER  
B.A. '31, Dartmouth College  
M.D. '34, Johns Hopkins University  
Major, Neurology  
Minor, Pathology  
Thesis, The Hyaline Change in the  
Basophil Cells of the Pituitary  
Gland not Associated with Baso-  
philism

**DOCTORS OF PHILOSOPHY**

CUTHBERT RICHMOND BARNICOAT  
B.Sc. '24, M.Sc. (Honours) '25, Uni-  
versity of New Zealand  
Major, Agricultural Biochemistry  
Minor, Dairy Husbandry  
Thesis, A Study of the Chemistry of  
Certain Incipient Flavour Defects  
in Butter  
Major Adviser, Prof. L. S. Palmer

ST. JOHN POINDEXTER CHILTON  
B.S. '35, M.S. '36, Louisiana State  
University  
Major, Plant Pathology  
Minor, Botany  
Thesis, Further Studies on the Cy-  
tology and Genetics of *Ustilago*  
*zeae* (Beckm.) Ung.  
Major Adviser, Prof. E. C. Stakman

RALPH ERNEST COMSTOCK  
B.S. '34, M.S. '36, University of  
Minnesota  
Major, Animal Husbandry  
Minor, Agricultural Biochemistry  
Thesis, A Study of the Sperm Cell  
Major Adviser, Prof. L. M. Winters

RICHARD MATTHEWS DRAKE  
B.S. '28, M.A. '33, University of  
Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, The Effect of Instruction in  
the Vocabulary of Algebra upon  
Achievement in Ninth Grade Math-  
ematics  
Major Adviser, Prof. C. W. Board-  
man

- ELLEN ANNETTE FROGNER  
 B.S. with distinction '27, M.A. '33,  
 University of Minnesota  
 Major, Education  
 Minor, English  
 Thesis, A Study of the Relative  
 Efficacy of a Grammatical and a  
 Thought Approach to the Improve-  
 ment of Sentence Structure in  
 Grades Nine and Eleven  
 Major Adviser, Prof. D. V. Smith
- ROBERT OZIAS HAXBY  
 B.E.E. '33, M.S. in E.E. '34, Uni-  
 versity of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, The Angular Distributions of  
 the Disintegration Products of  
 Light Elements Bombarded by  
 Protons and Deuterons  
 Major Adviser, Dean J. T. Tate
- FRANK HOPKINS HECK  
 B.A. '25, Lawrence College  
 M.A. '29, University of Minnesota  
 Major, History  
 Minor, Political Science  
 Thesis, The Civil War Veteran in  
 Minnesota Politics  
 Major Adviser, Prof. L. B. Shippee
- AUSTIN F. HENSCHER  
 B.S. '29, M.A. '32, University of  
 Minnesota  
 Major, Zoology  
 Minors, Pathology and Hematology  
 Thesis, The *in vitro* Reactions of  
 Mammalian Lymph Node and  
 Chick-heart Fibroblasts to Some  
 Variations in Media  
 Major Adviser, Prof. A. R. Ringoen
- WILLIAM HARRY KIRCHNER, JR.  
 B.A. '22, M.A. '28, University of  
 Minnesota  
 Major, English  
 Minor, History  
 Thesis, Henry David Thoreau as a  
 Social Critic  
 Major Adviser, Prof. Tremaine  
 McDowell
- WALTER JOSEPH McNAMARA  
 B.S. in A.E. '30, Catholic University  
 of America  
 M.A. '35, Fordham University  
 Major, Psychology  
 Minor, Educational Psychology  
 Thesis, The Influence of Size of Type  
 on the Speed of Reading in the Pri-  
 mary Grades  
 Major Adviser, Prof. D. G. Paterson
- GEORGE FOX MOTT  
 A.B. '29, A.M. '31, Leland Stanford  
 University  
 Major, Educational Administration  
 Minor, Political Science  
 Thesis, Housing of College Students  
 in the United States  
 Major Adviser, Prof. M. G. Neale
- HENRY CHARLES REITZ  
 B.S. '27, University of Illinois  
 M.S. '31, University of Maryland  
 Major, Agricultural Biochemistry  
 Minor, Organic Chemistry  
 Thesis, A Comparative Study of the  
 Starches of the Triticum Species  
 Major Adviser, Prof. R. A. Gortner

MULFORD QUICKERT SIBLEY

B.A. '33, Central State Teachers College (Edmond, Oklahoma)

M.A. '34, University of Oklahoma

Major, Political Science

Minor, History

Thesis, Cosmopolitanism and Particularist Sovereignty with Special Reference to British Thought

Major Advisers, Profs. Wm. Anderson and H. S. Quigley



# University of Minnesota

## COMMENCEMENT CONVOCATION FALL QUARTER 1938



**NORTHROP MEMORIAL AUDITORIUM**  
Thursday, December 15, 1938, Eleven O'Clock

# PROGRAM

PRESIDENT GUY STANTON FORD, Presiding

PROCESSIONAL—Finale - - - - - *César Franck*

ARTHUR B. JENNINGS  
University Organist

HYMN—"America"

My country! 'tis of thee,  
Sweet land of liberty,  
Of thee I sing;  
Land where our fathers died!  
Land of the Pilgrims' pride,  
From every mountain side  
Let freedom ring!

Our fathers' God! to Thee,  
Author of Liberty,  
To Thee we sing;  
Long may our land be bright  
With freedom's holy light;  
Protect us by Thy might,  
Great God, our King!

COMMENCEMENT ADDRESS—

"Education for a Potential Age of Plenty"

HOMER P. RAINEY, Ph.D., LL.D.  
Director, American Youth Commission

CONFERRING OF DEGREES

GUY STANTON FORD, Ph.D., LL.D., Litt.D.  
President of the University

SONG—"Hail, Minnesota"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far,  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

POSTLUDE—Toccata—from the Fifth Symphony - - *Widor*

MR. JENNINGS

SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.

# CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the fall quarter, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

## SCHOOL OF DENTISTRY

### GRADUATE DENTAL HYGIENISTS

JEANETTE RUTH SCHWARZ

MARY KAY THOMAS

## GENERAL COLLEGE

### ASSOCIATES IN ARTS

RAYMOND EDWARD BELLEW

EVELYN MARY HARWOOD

CHARLES CALVIN BEYNON

ELEANOR HIEBERT

FRANK XAVIER BOUCHER

ROLF EDWARD JACOBSEN

THOMAS DUGGAN

MARTIN RING

## MEDICAL SCHOOL

### GRADUATES IN NURSING\*

IRENE ELLEN ANDERSEN

AUDREY ALICE JOHNSON

JEAN MAREN BORGERSON

BEATRICE E. JOHNSON

MARION ELIZABETH CASTRODALE

GRETA E. A. LASSEN

FRANCES RUTH ENDAHL

JANE ELIZABETH MONTEITH

WINIFRED E. GARRARD

AUNE MILDRED SALO

JEWELL DOROTHY SOLOSKI

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### BACHELOR OF ARTS

† *magna cum laude*

AUDREY JEAN LEWIS

### BACHELORS OF ARTS

† *cum laude*

LOIS ELAINE HOBART

RUSSELL GEORGE WHITESEL

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to March 23, 1938.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

*†cum laude*

MARJORIE GRACE McWILLIAMS

## BACHELORS OF ARTS

RICHARD ANDERSON	MARIE ELIZABETH MERCIER
VAIL KERR BENZ	MARIE FRANCES MOLLE
HERMAN RAYMOND BERLOVITZ	MARSH OLIN PERKINS
CHARLES BERNARD BROWN	RUTH ROBINSON
APPLETON JOSEPH CROWLEY	NAN LOUISE SCALLON
JESSE ELLSWORTH DOUGLASS, JR.	ROBERT ANTHONY SCHANKE
LUCILE VARIEN FITCH	HEINZ ADOLF SIEDENTOFF
PAULINE FRENCH	WILLIAM REDMOND SIMMS
DONALD SYDNEY HAARSTICK	MARY SMILANICH
JANE HANLY	ROBERT LOWELL SPEETER
CONSTANCE HARRIET KAUFMAN	ELIZABETH ANN SWENSON
JAMES DEWITT KLINE, JR.	CLARENCE JAMES SWIFT
RALPH HERTRICH LARSON	AGNES A. THOMPSON
WALTER BERTRAM LEINO	BONNIE RUTH THOMSEN
IRVINE CHARLES LLEWELLYN	CAROL TURNACLIFF
NEWTON LIONEL MARGULIES	RUTH EVELYN WINGATE

\*FRANKLIN RANDOLPH WRIGHT, JR.

## BACHELORS OF SCIENCE

MARGY VIRGINIA CLAY	NELMA KATHERINE KOIVISTO
CARL VINCENT HALLBECK	MARIE ELIZABETH ROMBERG

CLARA OLIVE SLETTEN

## INSTITUTE OF TECHNOLOGY

### BACHELOR OF CHEMISTRY

*†with high distinction*

STANLEY PAUL ROWLAND

### BACHELOR OF ELECTRICAL ENGINEERING

*†with distinction*

NORDAHL ONSTAD

### BACHELORS OF MECHANICAL ENGINEERING

*†with distinction*

CARL ROGER FREBERG

DANIEL B. SHOTWELL

\* To be dated June 13, 1938.

† Candidates graduating with honors are identified by differentiated shoulder insignia.



*(Course in Forestry)*

WALTER ASPI	JOE CHARLES LOOMIS
ROSS WEST BOOBAR	EDWARD JERIMAH LOULA
WARREN CLAYTON ENSTROM	MELVIN WALTER MENGE
RAYMOND FRANCIS FINN	ROBERT ARNOLD OLSON
ROLAND N. JAHNKE	ROGER CARL SCHMUCK
CHARLES FREDERICK JOHNSON	JOHN EDWARD SCHNEEWEIS
ROBERT EDWARD LANG	PHILIP TREEN SCHNEIDER

GORDON HENRY SCHWABE

*(Course in Home Economics)*

ANNIE MARY PRUDENCE BENNETTS	WINIFRED STEWART MOORE
LORETTA ALTA JACOBSON	KARLEEN STOUT
ELAINE HILARY MONTAGUE	WILVA MAE WOODWORTH

**MEDICAL SCHOOL**

**BACHELORS OF SCIENCE**

†*with distinction*

*(Course in Medicine)*

JOHN WILLIAM LABREE	ERVEN PUMALA
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**BACHELORS OF SCIENCE**

†*cum laude*

*(Course in Medical Technology)*

IONE MARCELLE PRESSNALL	ERIKA CLARA ROGALSKY
-------------------------	----------------------

**BACHELORS OF SCIENCE**

*(Course in Medicine)*

RALPH SHARPLES ARMSTRONG	LESLIE ALEXANDER LAIKOLA
ROBERT BURR BAILEY	BERNARD ANTHONY LUCKING
CHARLES HENRY DECKER	MICHAEL EDWARD MURPHY
DEXTER EUGENE GUERNSEY	LEON ANTHONY SCHAFER
DAVID B. KURIS	FREDRICK WILLIAM SCHILLA

ROBERT WILLIAM WHEELER

*(Course in Medical Technology)*

JANE AUSTIN	ABNER MICHAEL NEELEY
ELIZABETH COMFORT	ANN JOSEPHINE NYLANDER
FRANCES JOSEPHINE FLETCHER	MARJORIE ELAINE PAGENKOPF
ARTIS MAXINE LEISTIKO	MILDRED G. PATTERSON
MARY INEZ LONG	MILTZA PEINOVICH
DORA JEAN MCCLINTOCK	MARGARET MORSE TAYLOR
BETTY JEAN MITCHELL	MARY CATHERINE WILKINS

† Candidates graduating with honors are identified by differentiated shoulder insignia.

*(Course in Public Health Nursing)*

WILMA MARGARET KREBSBACH

MARY CATHERINE MATTHEWS

AUNE MILDRED SALO

**COLLEGE OF PHARMACY**

**BACHELOR OF SCIENCE**

*In Pharmacy*

JULIUS LEO SHAW

**COLLEGE OF EDUCATION**

**BACHELOR OF SCIENCE**

*†with high distinction*

BENJAMIN JAMES POLGA

**BACHELORS OF SCIENCE**

*†with distinction*

NATALIA FLADAGER

EVA FLORENCE JONES

EMELIE JEANNETTE HEGSTAD

GRETA EDITH LASSEN

JEWELL DOROTHY SOLOSKI

**BACHELORS OF SCIENCE**

MARY CATHERINE BAKER

LOIS EVELYN FROELKE

JEAN MAREN BORGERSON

DOROTHY MARGARET FRUECHTEL

PHILIP ANDREW BRANDT

PORTIA ELNORA FULTON

REUBEN CLIFFORD BRUSTUEN

WINIFRED EMILY GARRARD

JAMES HENRY CAMPBELL

MABEL ALICE GREEN

MARY ELIZABETH CLEVINGER

CARROLL SLACK GUSTAFSON

EVELYN LOUISE CONWAY

RUTH FRANCES HARRIS

THEODOCIA ANN CRALLE

BERNARD HEPPNER

PETER DEANOVIC

MINNIE HOLDHOUSE

MARYALICE JOSEPHINE DEVANEY

JANET McLAREN HUDSON

CONSTANCE MARGARET DICKSON

EMMA V. A. JENSEN

IDA LOUISE DYSTERHEFT

AUDREY ALICE JOHNSON

ELIZABETH J. K. ELIASON

BEATRICE ELAINE JOHNSON

FRANCES RUTH ENDAHL

ELLEN LOUISE JOHNSON

MAXINE MARIA FERRING

MARIE ELLEN KANE

BESS ZOE FLATT

CHARLES HAROLD KRENZ

KATHRYN SYLVIA FOSSUM

LEONA KRIESEL

LUCILLE SYLVIA GERTRUDE FRIBERG

MAURINE CECILE LA BATT

MARIE CECEELE FRITZELL

BARBARA MILLS LAGING

† Candidates graduating with honors are identified by differentiated shoulder insignia.



JESSIE McHUGH LENDE  
LORETTA FLORENCE McCLERNAN  
JANE ELIZABETH MONTEITH  
EARL LAMIE MORRISSETTE  
MARGARET JEAN MORROW  
CHRISTINE MUNSON  
CLARA ELIZABETH NELSON  
ADA CHARLOTTE PAGENKOPF  
MARY ELIZABETH PARKER  
ALICE SYLVIA PATTERSON  
SUZANNE PFITZNER

ANNA JANE RICHARDS  
ARLINE ELIZABETH RING  
ETHEL MARIE RODGERS  
EILEEN LYNNEA SATRE  
NAOMI GENEVIEVE SKARISON  
FLORENCE CASTNER SLATER  
MARIE HILDEGARD STEFFEN  
JANE BARBARA TAYLOR  
LENA ELLEN TODD  
BARBARA LOUISE TYRA  
LAURANE EVELYN WOLD

**COLLEGE OF EDUCATION, AND THE COLLEGE  
OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS**

**BACHELOR OF SCIENCE**

*(Course in Home Economics Education)*

ANN SOMA

**SCHOOL OF BUSINESS ADMINISTRATION**

**BACHELORS OF BUSINESS ADMINISTRATION**

WILLIAM STANLEY ANDERSON  
EDWYN JOHN BALLANCE  
JOHN WENDLANDT BARTHOLDI  
WILLIAM JOHN BAUMAN  
WILLIAM PEDER BREDESEN  
HUGH LLOYD DEMMER  
DONALD ALBERT DOD  
RICHARD BRYDEN DUNSWORTH  
MELVIN J. ERICKSON  
OKE HJALMAR HULTKRANTZ  
CONRAD AUGUST HUMMELGARD  
ROBERT WILLIAM JOHNSON  
PETER JURICHKO

ARTHUR CHARLES KLEINSCHMIDT  
GERALD ORVILLE BETHMAN KLEVEN  
JOHN H. MATTILA  
EDWARD MICHAEL McHUGH  
ROBERT STEPHEN MERHAR  
REUBEN MILTON MOBERG  
MARGARET ELEANORE OESTREICH  
IRWIN KENNETH OLSON  
HELEN ELIZABETH PEADRO  
SILAS D. PELLER  
RICHARD ERLING RIIS  
CHARLES ROBERT RINKER  
CHARLES RAYMOND RYDER

WILLIS CARL ADOLPH WARKENTJEN

**UNIVERSITY COLLEGE**

**BACHELORS OF ARTS**

ELLEN AMALIE BACHE-WIIG  
NADINE MUNNS

CHARLES STUART PERKINS  
HELEN SALISBURY SVENDSEN

# BACHELOR OF SCIENCE

MICHAEL JOHN FURIN

## SCHOOL OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

NORMAN EDWARD GOLDFARB  
WILLIAM WALLACE HENSEL  
EDWIN JOHN KLEIMOLA

LOREN FLETCHER RACE  
EDWARD MICHEAL REBHOLZ  
CHESTER DAVID SMITH

## GRADUATE SCHOOL

### MASTERS OF ARTS

HENRY TATE DIXON

B.S. '24, Kansas Wesleyan University  
Major, Education  
Plan B without thesis

LEWIS ORENE FLOM

B.A. '20, St. Olaf College  
Major, Educational Administration  
Plan B without thesis

CLEMENS WALTER FREDEEN

B.S. '34, University of Minnesota  
Major, History  
Plan B without thesis

CLIFTON ALEXANDER GAYNE, JR.

B.S. '37, Massachusetts School of Art  
Major, Education  
Plan B without thesis

ALBERT ISAAC GORDON

B.A. '27, New York University  
Major, Sociology  
Minor, Anthropology  
Thesis, Some Factors Associated  
with Unrest in the Laundry and  
Dry Cleaning Industries in Min-  
neapolis

RICHARD J. A. HALLEN

B.A. *cum laude* '33, Gustavus Adol-  
phus College  
Major, Education  
Plan B without thesis

TOBY RUTH HERMAN

B.S. *cum laude* '37, University of  
Minnesota  
Major, Social Work  
Plan B without thesis

MILDRED BATES KAYS

B.S. '27, Colorado Agricultural College  
Major, Child Welfare  
Plan B without thesis

CLIFFORD ELZA KING

B.A. '25, Yankton College  
Major, Political Science  
Minor, Economics  
Thesis, Teacher Organizations in  
Wisconsin

THEODORE JOHN LITSHEIM

B.A. '25, St. Olaf College  
Major, Education  
Minor, Educational Psychology  
Thesis, A Critical Survey of the Edu-  
cational System of Butte County,  
South Dakota

FRED MERRILL MACK

B.S. '27, Northern Normal and In-  
dustrial School  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Reorganization Plan for  
Cass County (North Dakota)  
Public Schools

BLISS CUSHMAN MAPES  
Ph.B. '24, Denison University  
Major, Educational Administration  
Plan B without thesis

CHARLES DEGROFF PLATTE  
B.A. '34, Drury College  
Major, Geography  
Plan B without thesis

GORDON ELLIOT MICHALSON  
B.A. '37, University of Minnesota  
Major, History  
Minor, Philosophy  
Thesis, The Social Aspects of the  
Anabaptists from 1521 to 1650

FRANK JOSEPH POLANSKY  
B.A. *cum laude* '36, University of  
Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, Certain Systems of Orthog-  
onal Polynomials in a Complex  
Variable

NORMA INEZ MOE  
B.S. '36, University of Minnesota  
Major, Social Work  
Plan B without thesis

JOHN CORNELIUS PRIMUS  
B.A. '25, Macalester College  
Major, History  
Minor, Philosophy  
Thesis, Lichnowsky's Embassy: A  
Study of Anglo-German Relations  
1912-1914

JOHN MAURICE MORIARITY  
B.E. '31, Winona State Teachers  
College  
Major, Educational Administration  
Plan B without thesis

WALTER WHITNEY RICHARDSON  
B.A. '33, University of South Dakota  
Major, Educational Administration  
Plan B without thesis

ARTHUR DEMPSTER NORTON  
B.A. '15, Upper Iowa University  
Major, Educational Psychology  
Minor, Education  
Thesis, Comparative Achievement in  
Senior High School of Junior High,  
Eight-Grade, and Parochial School  
Pupils, All Having Had Ninth  
Grade in Junior High School

ERVIN WILLIAM FRANK SCHULTZ  
B.A. '30, Western Union College  
Major, Education  
Plan B without thesis

PHYLLIS H. PETTYGROVE  
B.S. '35, University of Minnesota  
Major, Speech  
Minor, Education  
Thesis, An Objective Study of Audi-  
ence Comprehension of Standard-  
ized Reading Material Presented  
Orally

OLE H. SLETTE  
B.A. '20, St. Olaf College  
Major, Educational Administration  
Plan B without thesis

FLORENCE ELEANOR PIERCE  
B.S. '26, University of Minnesota  
Major, Speech  
Plan B without thesis

ETHAN RUDOLPH STEFFENSrud  
B.S. '24, University of Minnesota  
Major, Educational Administration  
Plan B without thesis

ROLLAND HENRY STIMSON  
B.S. '31, South Dakota State College  
Major, Educational Administration  
Plan B without thesis

CARL WILHELM SWEDENBURG  
B.A. '36, St. Thomas College  
B.S. '37, University of Minnesota  
Major, Educational Psychology  
Plan B without thesis

ERNEST RAYMOND VANDEN BERGE  
B.A. '30, Yankton College  
Major, Education  
Plan B without thesis

JACK WAYNE WARFIELD  
B.A. '37, University of Wisconsin  
Major, Speech  
Minor, English  
Thesis, An Introductory Study of the  
Training and Background of the  
American Actor from 1849 to 1875

JOHN NICHOLS WILSON  
B.A. '35, University of Minnesota  
Major, Zoology  
Minor, Botany  
Thesis, An Ecological Study of Cer-  
tain Prairie Lakes of Minnesota

## MASTER OF ARTS

### *In Public Administration*

RUSSELL PHILLIPS ANDREWS  
B.A. '28, Stanford University  
Major, Public Administration  
Thesis, Career Service Possibilities  
in the National Park Service

## MASTERS OF SCIENCE

HUEY INGLES BORDERS  
B.S. in Ag. '33, University of Florida  
Major, Plant Pathology  
Minor, Bacteriology  
Thesis, A Study of Bacteria Patho-  
genic to Cereal Rusts

HONG-YU CHEN  
B.S. '34, University of Nanking  
Major, Agronomy  
Minor, Agricultural Economics  
Thesis, Results of Experiments and  
Observations in Erosion Control in  
the United States

ARNOLD A. COHEN  
B.E.E. '35, University of Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, The Analysis of Beams of  
Charged Particles

JAMES LINCOLN COMMON  
B.S. '33, University of North Dakota  
Major, Biochemistry  
Minor, Plant Physiology  
Thesis, The Development of Acidity  
and Hydrogen-Ion Concentration  
in High and Low Temperature  
Doughs

PING EOYANG  
B.S. '33, University of Nanking  
Major, Agricultural Economics  
Minor, Economics  
Thesis, Rural Finance in China:  
Present Status and Suggestions  
for Improvement

WALLACE MAUGHAN JOHNSON  
B.S. '33, Utah State Agricultural  
College  
Major, Plant Physiology  
Plan B without thesis

CAROL LARUE KESLER  
B.S. '32, University of Minnesota  
Major, Home Economics  
Plan B without thesis

MARTHA MARIE PETERSON  
B.A. '27, Augsburg College  
Major, Home Economics  
Plan B without thesis

LAURITS WILHELM KREFTING  
B.S. '32, University of Minnesota  
Major, Economic Zoology (Game  
Management)  
Minor, Forestry  
Thesis, Deer Management Studies  
with Special Reference to Methods  
of Increasing Browse

DOROTHEA FRANKE RADUSCH  
D.D.S. '24, B.A. '34, University of  
Minnesota  
Major, Home Economics  
Minor, Biometry  
Thesis, The Relationship between  
Periodontal Condition and Certain  
Dietary Factors

THOMAS LASKARIS  
B.S. '37, University of Delaware  
Major, Plant Pathology  
Minor, Botany  
Thesis, Studies on Peridial Color and  
Lysis in *Sphacelotheca sorghi*  
(Link) Clinton

WILLIAM MILNER ROBERTS  
B.S. '37, University of Tennessee  
Major, Dairy Husbandry  
Minor, Biochemistry  
Thesis, High Temperature Pasteuri-  
zation of Cream for Buttermaking

THOMAS LEWIS GREGORY OSMER  
B.S. '31, Hamline University  
Major, Economic Zoology  
Minor, Botany  
Thesis, The Efficacy of Rodent Re-  
pellents on the Meadow Mouse  
(*Microtus pennsylvanicus*)

SISTER MARY VICTOR FROMM  
B.S. '27, Columbia University  
Major, Nutrition  
Minor, Physiology  
Thesis, The Development of Diets  
Restricted in Potassium

## MASTER OF BUSINESS ADMINISTRATION

JOSEPH CHARLES GLICKMAN  
B.A. '37, University of Minnesota  
Major, Economics  
Plan B without thesis

## MASTER OF SCIENCE

### *In Agricultural Engineering*

LU TSING WOO  
B.S. in C.E. '34, Chiao Tung Uni-  
versity  
Major, Agricultural Engineering  
Minors, Agricultural Economics and  
Soils  
Thesis, Possibilities in Utilization of  
Machinery and Mechanical Power  
in the Production of Rice and  
Wheat in China

## MASTER OF SCIENCE

### *In Civil Engineering*

RUSSEL MARBLE CORNELL

B.C.E. '36, University of Minnesota  
Major, Civil Engineering  
Minor, Mathematics and Mechanics  
Thesis, A Study of Run-off of Drain-  
age Areas and the Factors Which  
Cause and Affect It

## CHEMICAL ENGINEER

ROBERT WILLIAM SANDELIN

B.Ch.E. '30, M.S. in Ch.E. '31, Uni-  
versity of Minnesota  
Major, Chemical Engineering  
Minors, Metallurgy and Metallog-  
raphy  
Thesis, A Metallurgical Study of the  
Factors Affecting the Quality of  
Galvanizing

## MEDICAL SCHOOL

### DOCTORS OF MEDICINE\*

DANIEL JAMES MOOS

LOWELL JOHN PETERSON

CHARLES HOLLAND SCHEIFLEY

LLOYD FREDERICK SHERMAN

RODNEY FRANCIS STURLEY

## GRADUATE SCHOOL

### MASTER OF SCIENCE

#### *In Bacteriology*

FORDYCE RUSSELL HEILMAN

B.S. '29, M.D. '31, Northwestern  
University  
Major, Bacteriology  
Minor, Pathology  
Thesis, The Grouping of Hemolytic  
Streptococci

\* These degrees are conferred subject to satisfactory completion of hospital internship within one month.

## MASTERS OF SCIENCE

### *In Medicine*

#### ERIC MACMILLAN CHEW

B.S. '29, University of Washington  
M.D. '33, University of Pennsylvania  
Major, Medicine  
Minor, Pathology  
Thesis, Hyperplasia of the Medullary  
Epithelial Cells of the Thymus  
Gland and Thymomata

#### ROBERT LAWRENCE PARKER

M.D. '33, Northwestern University  
Major, Medicine  
Minor, Pathology  
Thesis, Pulmonary Emphysema: A  
Study of Its Relation to the Heart  
and Pulmonary Arterial System

#### WILLIAM ROLAND GIBSON

B.A. '28, University of California  
M.D. '33, Stanford University  
Major, Medicine  
Minor, Pathology  
Thesis, So-called Biliary Cirrhosis

#### HERBERT WILLIAM SCHMIDT

B.A. '26, St. Olaf College  
M.D. '33, University of Minnesota  
Major, Medicine  
Minor, Pathology  
Thesis, Diffuse Spasm of the Lower  
Half of the Esophagus

#### ARTHUR MARTIN OLSEN

B.A. '30, Dartmouth College  
M.D. '35, Rush Medical College  
Major, Medicine  
Minor, Pathology  
Thesis, A Clinical Pathologic Study  
of Primary Carcinoma of the  
Trachea with Special Reference to  
Treatment with Surgical Diathermy

#### JAN HENRIK TILLISCH

B.A. '29, M.D. '33, University of  
Minnesota  
Major, Medicine  
Minor, Pathology  
Thesis, The Relation of Extra-  
vesical Urinary Obstruction and  
Hypertension

## MASTER OF SCIENCE

### *In Neurosurgery*

#### RAYMOND HENRY QUADE

B.S. '27, University of Wisconsin  
M.D. '30, Northwestern University  
Major, Neurosurgery  
Minor, Pathology  
Thesis, A New Staining Technique  
Originated to Demonstrate the  
Capsular Cells of the Sympathetic  
Nervous System

MASTER OF SCIENCE

*In Ophthalmology*

RUBY KATHRYN DANIEL  
M.D. '28, Baylor University  
Major, Ophthalmology  
Minor, Physiology  
Thesis, Healing of the Iris in Rabbits  
Following Experimental Iridectomy

MASTER OF SCIENCE

*In Orthopaedic Surgery*

JOHN D. BROWN GALLOWAY  
M.D. '34, Temple University  
Major, Orthopaedic Surgery  
Minor, Pathology  
Thesis, Xanthoma of Tendon Sheaths  
and Synovial Membranes: A Clinical  
and Pathological Study

MASTER OF SCIENCE

*In Otolaryngology*

KINSEY MACLEOD SIMONTON  
B.A. '30, M.D. '33, George Washington University  
Major, Otolaryngology  
Minor, Pathology  
Thesis, A Clinical Study of Ménière's  
Symptom Complex

MASTERS OF SCIENCE

*In Pathology*

ELLEN DORA FUREY	JAMES ELIAS KAHLER
B.A. '24, Our Lady of the Lake College	B.A. '29, Muhlenberg College
M.D. '30, University of Texas	M.D. '33, University of Pennsylvania
Major, Pathology	Major, Pathology
Minor, Anatomy (Hematology)	Minor, Clinical Pathology
Thesis, A Study of Polycythemia Rubra Vera (Erythremia) with Special Reference to the Behavior of the Leucocytes	Thesis, Carcinoma of the Prostate: A Pathologic Study



## MASTERS OF SCIENCE

### *In Surgery*

CHARLES DAN BUSSEY

B.A. '30, Baylor University  
M.D. '34, Rush Medical College  
Major, Surgery  
Minor, Pathology  
Thesis, Histopathology of Meckel's  
Diverticulum

SAMUEL JOSEPH CAMPBELL

M.D. '33, Tulane University  
Major, Surgery  
Minor, Pathology  
Thesis, The Cytology of Wilms'  
Tumors

RANDOLPH LEE CLARK, JR.

B.S. '27, University of South Caro-  
lina  
M.D. '32, Medical College of Virginia  
Major, Surgery  
Minor, Pathology  
Thesis, Blood Serum Iron Concen-  
tration and Anemia Occurring with  
Cancer of the Proximal Colon

JOHN ALEXANDER GANSHORN

M.D. '32, Manitoba Medical College  
Major, Surgery  
Minor, Pathology  
Thesis, Chronic Ulcerative Colitis  
and Carcinoma: A Pathological  
Study

ROBERT GEORGE LEMON

B.S. '31, M.D. '34, University of  
Illinois  
Major, Surgery  
Minor, Pathology  
Thesis, A Clinical and Pathological  
Study of Leiomyosarcoma, He-  
mangioendothelioma, and Fibro-  
sarcoma of the Stomach

SAMUEL NEWTON STONE

B.S. '29, B.A. '30, University of  
Oklahoma  
M.D. '32, University of Pennsylvania  
Major, Surgery  
Minor, Pathology  
Thesis, Presacral Dermoid and Tera-  
toid Tumors

WILLIAM DOAK WILSON

B.A. '29, University of Alabama  
M.D. '33, Vanderbilt University  
Major, Surgery  
Minor, Pathology  
Thesis, Rate of Ulceration of Epi-  
theliomata of the Skin and Lip

## MASTER OF SCIENCE

### *In Urology*

ANTHONY WAYNE MIDDLETON

B.A. '31, University of Utah  
M.D. '34, University of Pennsylvania  
Major, Urology  
Minor, Pathology  
Thesis, A Study of the Relationship  
of Renal Adenomas to Carcinomas

## DOCTORS OF PHILOSOPHY

### KATHLEEN SARAH DIETRICH

B.S. '23, University of Wisconsin  
 M.S. '27, University of Minnesota  
 Major, Home Economics  
 Minor, Biochemistry  
 Thesis, The Effect of Irradiation and  
 of Sampling upon Blood Lipid and  
 Blood Volume in the Dog  
 Major Adviser, Prof. J. M. Leichsen-  
 ring

### MERRIL FRANCIS DISTAD

B.A. '31, Concordia College  
 M.A. '34, University of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, The Cathodo-Conductivity of  
 Zincblende. An Experimental In-  
 vestigation of the Effect of Elec-  
 tron Bombardment on the Electri-  
 cal Conductivity of Zincblende  
 Crystals  
 Major Advisers, Dean J. T. Tate and  
 Prof. J. W. Buchta

### HEBER CLARK DONOHUE

B.S. '27, Montana State College  
 M.S. '28, State College of Washing-  
 ington  
 Major, Entomology  
 Minor, Plant Pathology  
 Thesis, The Bionomics of the Raisin  
 Moth, *Epehstia figulilella* Gregson  
 Major Adviser, Prof. A. G. Ruggles

### MARION LOUISE EDMAN

B.A. *summa cum laude* '26, Gustavus  
 Adolphus College  
 M.A. '35, University of Minnesota  
 Major, Education  
 Minor, English  
 Thesis, An Analysis of the Language  
 Arts Program in English in the  
 Public Schools of Winona, Minne-  
 sota, in Its Relation to the Needs  
 of the Community  
 Major Adviser, Prof. D. V. Smith

### CYRIL DAVID EVANS

B.S. '31, M.S. '34, Montana State  
 College  
 Major, Biochemistry  
 Minor, Bacteriology  
 Thesis, Peptization and Study of the  
 Oat Proteins  
 Major Adviser, Prof. C. H. Bailey

### WALLACE THOMAS FERRIER

B.A. '10, Tarkio College  
 M.A. '30, Colorado Agricultural Col-  
 lege  
 Major, Agricultural Economics  
 Minor, Economics  
 Thesis, A Study of Farm Mortgage  
 Credit in the Spring Wheat Region  
 Major Adviser, Prof. O. B. Jesness

### HOWARD VINCENT HONG

B.A. '34, St. Olaf College  
 Major, English  
 Minor, Philosophy  
 Thesis, Thomas Amory: Eccentric  
 Literary Philosopher  
 Major Adviser, Prof. C. A. Moore

### PAUL HOWARD JOHNSTONE

B.A. '29, M.A. '30, University of  
 Minnesota  
 Major, History  
 Minor, Romance Languages (French)  
 Thesis, Turnips and Romanticism  
 Major Adviser, Prof. Herbert Heaton

### MATTHEW ALBIN KIESS

B.A. '21, St. John's University  
 M.S. '28, University of Minnesota  
 Major, Organic Chemistry  
 Minor, Physical Chemistry  
 Thesis, The Jacobsen Reaction and  
 Certain Ethyltrimethyl Benzenes  
 Major Adviser, Prof. L. I. Smith

ROBERT MITCHELL LEEKLEY

B.S. '33, Dakota Wesleyan University  
M.A. '34, University of South Dakota  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, Studies of the Allyl Phenyl Ether Rearrangement  
Major Adviser, Prof. W. M. Lauer

CECIL OLAN LOHN

B.A. '31, M.S. '32, University of North Dakota  
Major, Biochemistry  
Minor, Physiological Chemistry  
Thesis, A Study of the Efficiency of Food Metabolism for the Maintenance of Inbred Animals Differing in Their Efficiency of Food Utilization During Growth  
Major Adviser, Prof. L. S. Palmer

RALPH WILLIAM LORENZ

B.S. '30, University of Minnesota  
Major, Plant Physiology  
Minor, Forestry  
Thesis, Maximum Temperature Relationship of Forest Trees  
Major Advisers, Profs. R. B. Harvey and Henry Schmitz

FRANZ JACKSON MONTGOMERY

B.A. '27, M.A. '28, Indiana University  
Major, English  
Minor, German  
Thesis, William Combe  
Major Adviser, Prof. C. A. Moore

RICHARD CARL NELSON

B.A. *summa cum laude* '35, University of Minnesota  
Major, Plant Physiology  
Minor, Biochemistry  
Thesis, The Production and Function of Ethylene in the Ripening Process in Fruits  
Major Adviser, Prof. R. B. Harvey

JOSEPH EDWIN RUNKEL

B.A. '33, Carroll College  
M.A. '34, University of Wisconsin  
Major, Child Welfare  
Minor, Psychology  
Thesis, The Measurement of Physical Strength in Children and the Relationship of Strength Laterality to Functional Laterality  
Major Adviser, Prof. J. E. Anderson

GEORGE ALDEN SALLEE

B.S. '25, University of Illinois  
M.S. '28, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, An Economic Study of Agricultural Labor in Minnesota  
Major Adviser, Prof. G. A. Pond

MARGARET ALINE SEDER

B.A. *summa cum laude* '35, M.A. '37, University of Minnesota  
Major, Psychology  
Minors, Mathematics and Biometry  
Thesis, Vocational Interest Patterns of Professional Women  
Major Adviser, Prof. D. G. Paterson

RUSSELL COOK SMART

B.A. '34, Dartmouth College  
M.A. '35, University of Minnesota  
Major, Child Welfare  
Minor, Psychology  
Thesis, An Empirical Contribution to Certain Theories of Factor Analysis  
Major Advisers, Profs. J. E. Anderson and F. L. Goodenough

ELISABETH SUTHERLAND

B.S. '19, M.S. '27, University of Wisconsin  
Major, Home Economics  
Minor, Biochemistry  
Thesis, The Absorption and Retention of Iron by Normal Adult Women in Relation to the Chemically Available Iron Content of Some Common Foods  
Major Adviser, Prof. J. M. Leichsenring

HERBERT ERNST UNGNADE

B.S. '33, M.S. '34, Michigan State  
College

Major, Organic Chemistry

Minor, Biochemistry

Thesis, Studies of the Allyl Phenyl  
Ether Rearrangement

Major Adviser, Prof. W. M. Lauer

BARNETT OSBORNE WILLIAMS

B.S. '18, Clemson Agricultural Col-  
lege

M.S. '29, University of Virginia

Major, Sociology

Minor, Economics

Thesis, Mobility among Farmers in  
Pickens County, South Carolina

Major Adviser, Prof. F. S. Chapin

JOHN RICHARD VINCENT

B.Ch. '33, M.S. '36, University of  
Minnesota

Major, Organic Chemistry

Minor, Biochemistry

Thesis, The Action of Diazomethane  
on Cyclohexandione

Major Adviser, Prof. L. I. Smith

EMERSON GISSEL WULLING

B.A. '23, University of Minnesota

M.A. '27, Harvard University

Major, English

Minor, Comparative Literature

Thesis, William Hazlitt as a Liter-  
ary Critic

Major Adviser, Prof. J. W. Beach

DOCTOR OF PHILOSOPHY

*In Neurology*

ARTHUR DAVID ECKER

B.A. '31, Dartmouth College

M.D. '34, Johns Hopkins University

M.S. in Neurology '38, University of  
Minnesota

Major, Neurology

Minor, Pathology

Thesis, Arsenic and the Nervous  
System with Special Reference to  
Subacute and Chronic Encephalitis

Major Adviser, Dr. H. W. Woltman

DOCTOR OF PHILOSOPHY

*In Surgery*

ROBERT JAMES COFFEY

M.D. '32, Georgetown University

M.S. in Med. '38, University of Min-  
nesota

Major, Surgery

Minor, Physiology

Thesis, The Rôle of the Pancreas in  
the Digestion and Absorption of  
Food: An Experimental Study

Major Adviser, Dr. F. C. Mann