

# University of Minnesota

COMMENCEMENT CONVOCATION  
WINTER QUARTER

1933



NORTHROP MEMORIAL AUDITORIUM  
Thursday, March 23, 1933, Eleven O'Clock

# PROGRAM

PRESIDENT LOTUS D. COFFMAN, Presiding

PROCESSIONAL—"Triumphal March" from Sigurd Jorsalfar. *Grieg*

MR. GEORGE FAIRCLOUGH

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 Meaning of a Liberal  
Education"

JOHN B. JOHNSTON, Ph.D.

Dean of the College of Science, Literature, and the Arts

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

MR. FAIRCLOUGH

## CONFERRING OF DEGREES

LOTUS D. COFFMAN, Ph.D., LL.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.

RECESSIONAL—Coronation March (Le Prophete) - *Meyerbeer*

MR. FAIRCLOUGH

---

### 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 lounge rooms which have been provided for the purpose.

## 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.

### THE COLLEGE OF DENTISTRY GRADUATE DENTAL HYGIENIST JOSEPHINE GEORGE

### THE MEDICAL SCHOOL GRADUATES IN NURSING\*

ELIDA VIRGINIA DEBORAH BENSON	ESTHER FISKE MITCHELL
GRACE JEANNETTE BLAKE	DELITE PETERMAN
EVELYN E. BRADY	FLORENCE L. RIDGWAY
LONETTA R. CHEELEY	RUTH LILLIAN RIGLER
RUBY B. DIXON	ALICE M. SCHERTZ
RACHEL JOSEPHINE EKRE	FLORENCE E. SCHULTZ
THERESA JAMES	JEAN NETTE WALLE
EDYTHE LAURETTA JOHNSON	MILDRED ELIZABETH WALTON
HORTENSE E. MCKAY	NORMA WENZEL
ELLENE SIGRID MELSTED	ROSANNA MARIE WOODS
FRANCES LEE WOODWARD	

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

#### BACHELOR OF ARTS

†*magna cum laude*

VIRGINIA DALLAM WALLIS

#### BACHELORS OF ARTS

†*cum laude*

EDWARD LANGFORD ADAMS	SAMUEL OSMAN
LILLIAN GILLILLAND	ROBERT BEACH WEST

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to June 19, 1933.

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

## BACHELORS OF ARTS

MAUDE ELIZABETH BENJAMIN	LORENE VIRGINIA LARSEN
WILLIAM J. CAMPBELL	EDWARD CURTIS LONG
RICHARD HAMILTON ERNST	JOHN TIMOTHY MULLEN, JR.
JAMES ARTHUR HARRIS	EVERETT ALLEN OLSON
WILLARD HENRY HONSEY	HOWARD SCHIBEL
JAMES GIBSON JOHNSON	CLYBOURNE JAMES SINCOCK
LEO ROBERT KAPLAN	MARTIN WATTEN

## BACHELORS OF SCIENCE

MARJORIE E. DAVIS, B.A.	THYRA EDITHA WIRTENBERGER, B.A.
-------------------------	---------------------------------

## THE COLLEGE OF ENGINEERING AND ARCHITECTURE

### BACHELOR OF AERONAUTICAL ENGINEERING

HAROLD V. ANDERSON

### BACHELOR OF AGRICULTURAL ENGINEERING

JOHN JOSEPH LENZ

### BACHELORS OF CIVIL ENGINEERING

HARRY CARLSON	GEORGE E. LINDHJEM
STANLEY F. DES MARAIS	ROY EDWIN OLTMAN
HANS ALEXANDER HOFF	HAROLD KENNETH PRATT
ROBERT F. KREISS	GLEN HAROLD SWANSTROM

### BACHELOR OF INTERIOR ARCHITECTURE

LILLIE HELENA STROMBACK

## THE SCHOOL OF CHEMISTRY

### BACHELOR OF CHEMISTRY

HAROLD M. BOYD

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

### BACHELORS OF SCIENCE

‡with distinction

(Course in Agriculture)

WILLARD WYNN GREEN



**THE SCHOOL OF MINES AND METALLURGY**

**ENGINEER OF MINES**

*In Petroleum*

EDWARD HEATH WOEHRL

**THE COLLEGE OF PHARMACY**

**BACHELOR OF SCIENCE**

*In Pharmacy*

DONALD ROBERT SWEENEY

**THE COLLEGE OF EDUCATION**

**BACHELORS OF SCIENCE**

*†with distinction*

GUDRUN BENSON

ELMER ESMOND HARMES

MINERVA H. PEPINSKY

EDITH BARNEY PETERSEN

JEANETTE CLARE VANDERHOOF

**BACHELORS OF SCIENCE**

LINAIRE CLARISSA ALEXANDER

JOHN T. ALFTON

GRACE JEANNETTE BLAKE

FLORENCE CATHERINE BUBOLTZ

ANN CULL

LUCY ADAMS DONLIN

CARL RICHARD EKLUND

HELEN I. ERICKSON

GERTRUDE MARGARET FEEHAN

ARTHUR PAISLEY FOSTER

T. MARGUERITE FROST

VIRGINIA ANNA HAKANSON

RUTH KOOIKER, G.N.

EVELYN ELAINE KRON

MAE K. LAMBERT

ESTHER FISKE MITCHELL

DORA HOPE ORNBURG

ANNA PEARSON

ARVID R. PETERSON

LUCILLE MARY POLSKE

ESTHER LILLIAN ZUELCH

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

**BACHELORS OF SCIENCE**

*(Course in Home Economics)*

CHARLOTTE FRANCES COTTINGHAM

ALDYTHE M. CRAIN

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

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

RALPH C. CHASE  
HAROLD DAVIS  
KENNETH LAMBERT DRYG  
ARNOLD GUSTAF ERICKSON  
ROBERT EUGENE EVANS  
RALPH JOHN GODIN  
KENNETH NEIL GRAY  
HERBERT RAY HOLMSTEN  
ROBERT A. HUELSTER  
LEONARD B. HURWITZ  
IRVING G. JOHNSON  
JAMES WILLIAM LANG

BURTON A. LARSON  
EDWARD HENRY LINN  
ERNEST JOSEPH MURPHY  
ARTHUR LEONARD NELSON  
VERNON JOEL PERSON  
GEORGE WILBUR SANBERG  
GUNNAR F. THOLEN  
WILBUR E. TITUS  
PIERCE M. WELPTON  
BYRON STEVENS WHITE  
MARK DERR YAGER  
JOHN LAWRENCE YOERG

**UNIVERSITY COLLEGE  
BACHELOR OF ARTS  
JEROME LIONEL JOSELWITZ**

**THE COLLEGE OF DENTISTRY  
DOCTORS OF DENTAL SURGERY**

CHARLES ARTHUR PETTIT

JACK ROSEVE

**THE LAW SCHOOL  
BACHELOR OF LAWS  
ALBIN GEORGE BERENS**

**GRADUATE SCHOOL  
MASTERS OF ARTS**

CARL EDWIN COLE  
B.A. '22, St. Olaf College  
Major, Education  
Minor, History  
Thesis, An Analysis of the War  
Content of Thirty Junior and Sen-  
ior High School American His-  
tory Textbooks

EDDIS EMERY JANES  
B.A. '19, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Professional Growth of  
Classroom Teachers in Minneapolis  
High Schools



JOSEPH LUDWIG JOHNSON  
B.A. '23, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Study of Certain Factors  
which Contribute toward Financial  
Inequalities among Rural  
School Districts in Todd County,  
Minnesota

WILLIAM CARL MASCHE  
B.A. '30, University of Minnesota  
Major, Sociology  
Minor, Psychology  
Thesis, Factors Involved in the Con-  
solidation and Suspension of Daily  
and Sunday Newspapers in the  
United States since 1900: A Sta-  
tistical Study in Social Change

MARGARET WILHELMINE MUELLER  
B.S. '23, University of Illinois  
Major, Education  
Minor, Mathematics  
Thesis, Teachers' Difficulties in Teach-  
ing Plane Geometry

KATHERINE ANNE PRESTON  
B.A. '31, University of Minnesota  
Major, Psychology  
Minor, Educational Psychology  
Thesis, The Speed of Word percep-  
tion and Its Relation to Reading  
Ability

COLLIN MAURITZ SEASHORE  
B.A. '30, Gustavus Adolphus College  
Major, Zoology  
Minor, Botany  
Thesis, A Comparative Study of  
Bottom-Fauna in the St. Croix  
River and a Connecting Bayou

## MASTERS OF SCIENCE

ALBIN EDWARD ANDERSON  
B.S. '30, University of Wisconsin  
Major, Dairy Husbandry  
Minor, Biochemistry  
Thesis, Some of the Factors Influ-  
encing the Composition of Butter-  
milk

CHESTER MEREDITH GUERNSEY  
B.S. '31, University of Minnesota  
Major, Physiology  
Minor, Pathology  
Thesis, The Carotid Sinus and In-  
tracranial Pressure

RAPHAEL KOFF  
B.S. '31, University of Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, Norms of Ossification of  
the Bones of the Extremities

ALVA RAE PATTON  
B.S. '30, Montana State College  
Major, Agricultural Biochemistry  
Minor, Animal Genetics  
Thesis, The Influence of the Proteins  
of the Maternal Diet on the Com-  
position of the Proteins of the  
Fetus at Birth

SISTER MARY GLENORE RIEDNER  
B.A. '27, College of St. Benedict  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, A Study of the Effect of  
Coffee on Phosphorus Balance

## MASTER OF SCIENCE

### *In Electrical Engineering*

MARVIN O. C. JOHNSON

B.E.E. '30, University of Minnesota

Major, Electrical Engineering

Minor, Mathematics

Thesis, The Design, Construction, and

Test of an Instrument for the

Analysis of Steady State Sinu-

soidal Voltage Waves along an

Artificial Telephone Line

## MASTERS OF SCIENCE

### *In Mechanical Engineering*

FRANCIS JOHN DAASCH

B.S. in M.E. '31, Iowa State College

Major, Mechanical Engineering

Minor, Metallography

Thesis, A Study of Industrial Floor

Coverings

ROBERT MASTERS LANDER

B.M.E. '32, University of Minnesota

Major, Mechanical Engineering

Minor, Electrical Engineering

Thesis, The Effect of Sunshine on

the Temperature of Different Types  
of Surfaces

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

JOHN ADOLPH ANDERSON

WALLACE EVERETT ANDERSON, B.S.

EARL NATHANIEL BOSSINGHAM, B.S.

HAROLD F. BUCKSTEIN, B.A.

HENRY BANNISTER CLARK II, B.S.

DAVID BENNETT DAVIS, B.A.

EVERETT WALLACE DELONG, B.S.

FREDERICK WILLIAM ENGDAHL, C.E.

MARTIN GUST ERICSSON

LESLIE WARREN FOKER, B.S. in Ch.E.

LESTER SANFORD FROGNER, B.A., B.S.

SAMUEL ASHBY GRANTHAM, JR., B.S.

C. GUSTAV HANSON, B.S.

RALPH O. HAYDEN

MELVIN L. HOVLAND, B.A.

KENNETH LAWRENCE KELSEY

IRVIN KERLAN, B.S.

FRANK R. KLUNE

LUTHER GERHARD LERAAN

GEORGE MORIARTY, JR.

GEORGE WILLIAM NEWMAN, B.S.

VERONICA O'BRIEN, B.S.

ALTON CURTIS OLSON

G. LEONARD ORTH, B.S.

PETER J. PANKRATZ

ROYAL CHESTER PAYNE

MCCLELLAND SHELLMAN

THEODORE L. STEBBINS

WILLIAM LEWIS WALL, B.S., M.S.

MARJORIE WULFF, B.S.

## DOCTORS OF MEDICINE\*

NELS HENRY ANDERSON, B.S., M.B.	WALTER PHILIPPE MANNING, B.S., M.B.
THOMAS ANTHONY ANGLAND, B.S., M.B.	ALFRED MERRILL McCAUSLAND, B.S., M.B.
CLAYTON T. BEECHAM, B.S., M.B.	WILLIAM J. LONG PORCHER, B.S., M.B.
CLARENCE HAROLD BUCKLEY, B.S., M.B.	LEO R. PRINS, JR., B.S., M.B.
STEWART THEODORE GINSBERG, B.S., M.B.	WILLIAM CRANE SCOTT, B.S., M.B.
RICHARD FRED HERBST, B.S., M.B.	ROSEL T. SEASHORE, B.A., M.B.
ROBERT WINSTON HOLMEN, B.A., B.S., M.B.	RUSSELL O. SPITTLER, B.S., M.B.
PHILIP EDWARD KARLEEN, B.S., M.B.	LINCOLN FELCH STEFFENS, B.A., M.B.
ARTHUR AUGUST HERMAN KOEPEL, B.S., M.B.	ROY GLEN SWENSON, B.S., M.B.
CARL GUSTAV KRONING, B.S., M.B.	BERTRAM LAWRENCE TRELSTAD, B.A., B.S., M.B.
HORACE DE LIEN, B.S., M.B.	DANIEL JOHN WALIGORA, B.S., M.B.

## GRADUATE SCHOOL

### DOCTORS OF PHILOSOPHY

PAUL GERHARD HOEL B.A. '26, Luther College M.A. '29, University of Minnesota Major, Mathematics Minor, Physics Thesis, Certain Problems in the Theory of Closest Approximation Major Adviser, Professor Dunham Jackson	JOHN WILLIAM MOORE B.S. '24, South Dakota State College M.S. '26, University of Minnesota Major, Botany Minor, Geology Thesis, New and Critical Plants from Raiatea Major Adviser, Professor C. O. Rosendahl
TA CHING LOH B.S. '29, Cornell University M.S. '30, Louisiana State University Major, Plant Pathology Minor, Botany Thesis, A Study of the Pathogenicity and Physiology of Certain Organ- isms of Rice Major Adviser, Professor E. C. Stakman	CAROL BURT PRATT B.A. '29, Willamette University Major, Biophysics Minor, Pharmacology Thesis, Some Biological Effects of the High Frequency Electrical Field Major Adviser, Dr. Charles Sheard

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

# University of Minnesota

SIXTY-FIRST  
ANNUAL COMMENCEMENT

1933



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

# ORDER OF EXERCISES

President LOTUS D. COFFMAN, Presiding

## PROCESSIONALS—

Triumphal March from "Aida" - - - - - *Verdi*  
War March from "Athalia" - - - - - *Mendelssohn*  
Homage March from "Sigurd Jorsalfar" - - - - - *Grieg*

UNIVERSITY OF MINNESOTA 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 my 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

LOTUS D. COFFMAN, Ph.D., LL.D.  
President of the University of Minnesota

MUSIC—"Pomp and Circumstance" No. 1 - - - - - *Elgar*  
UNIVERSITY OF MINNESOTA CONCERT BAND

## CONFERRING OF DEGREES

President LOTUS D. COFFMAN, Ph.D., LL.D.

## ANNOUNCEMENT OF HONORS AND PRIZES

### 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.

### TAPS

# 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

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

### ADVANCED CERTIFICATE IN ENGINEERING

GEORGE ARTHUR OMAN

### 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: EVA M. LUNDQUIST                      ELSIE O. SOLBERG

### GRADUATE DENTAL HYGIENISTS

HARRIET ELINOR ADAMS	EDITH HOINES
MILDRED EVELYN ALLEN	DOROTHY ELISABETH HUNTINGTON
LOIS JUNE ANNIS	KATHRYN JOHNSTON
KATHRYN ELAINE BARSNESS	LUCILE E. KIRSCHSTEIN
NOLA E. CHEELY	ESTHER MABEL KONERZA
JOYCE CAROLYN DAHLEEN	JEANNE M. LA FRANCE
ELAINE F. DAILY	MARIAN T. LOFT
LOUELLA REBECCA ECKHARDT	DELIA M. MATTISON, B.A.
ESTHER ELIZABETH FERM	MARY MILROY
HARRIETTE LOUISE GILKERSON	EILEEN LORETTA MUNGER
RUTH PUTNAM GOODHUE	MARTHA ELIZABETH NETHERLY
MARION GORDON	JANET LILLIAN RAYMOND
BERNICE GRAIS	C. JANE ROBINSON
MARGARET HELEN GUILFORD, B.A.	HELEN ROSS ROBINSON
ELIZABETH E. HANSON	MARGARET HELEN ROBINSON
JANE FREDABORG HASSLEN	MABEL LUCILE VYE

### MEDICAL SCHOOL

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

Marshals: AUDREY GOODNOW                      FANNIE P. ROSENBERG

## GRADUATES IN NURSING\*

ESTHER ANDERSON	ESTHER LOUISE LEBENS
MARJORIE E. ANDERSON	OLIVE J. LENBERG
IOLA GRINOLS ARCHERD	AGNES DICKSON LOVE
ALICE ARNS	FLORENCE I. LYONS
SADIE ANNE BAILEY	JANE MARGUERITE MAERTZ
LILLIAN PHYLLIS BENGTON	ADELLE G. MATTON
ELEANORE J. BERGLUND	HARRIET LUCILE McQUEEN
BERTHA L. BOEKELHEIDE, B.A., B.S.	RUTH V. MONSON
VIOLA A. BRIESE	MILDRED LOUISE MONTAG, B.A.
FLORENCE B. CADIEUX	MYONA MERCEDES MORRISON
MARION CLARE	RUTH HARRIET OLSEN
MAXINE ARDELLE CONVERSE	CAROLYN OLGA OLSON
VERNA ELAINE CORNWELL	LENA R. PASKEWITZ
ALFREDA ANITA DANIELSON	OLIVE PEARL PEARSON
VERA HARRIET DEWEY	LUCILLE PERSSON
MARGARET MARY DONALDS	LINA E. PULKINEN
EVELYN IMOGENE ERICKSON	M. MAE SALSMAN
PAULINE MAYER ESSIG	GLADYS OPAL SATERBAK
ALICE F. FOLK	MARY ELEANOR SCHOEN
HELEN JEANNETTE FREEBERG	JOSEPHINE H. SOUKUP
MILDRED GOLDISH	FLOY M. SPRAGUE
J. JUNE HAEUSSLER	BERNICE MARGARET SUTHERLAND
EUNICE VIVIAN HANSEN	FERNE G. SWENSON
EMELIE J. HEGSTAD	ESTHER W. THOMPSON
LOYES M. HENNINGSGAARD	CHRISTINE MARIE TORGERSON
MILDRED MARIE HOLT	CATHERINE VIVIAN UHL
NELL KEAN HULETT	VIVIAN IOLA VANSTROM
BETTY R. JOHNSON	LOUISE OLIVIA WAAGEN
GLADYS IRENE JOHNSON	AGNES WILSON
HILMA MARGARET JOKINEN	THORA A. WISLAND
OLGA KALVIG	M. IRENE YOUNG
ALTA M. KENADY	

\*These degrees are conferred subject to the satisfactory completion of nursing practice prior to December 21, 1933.

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

Candidates presented by John H. Hester, Lieutenant Colonel, Infantry, U.S.A.

### *First Lieutenant, Dental Corps*

KEITH GAMBLE ALLEN	DOUGLAS GORDON GANFIELD
HORACE ARTHUR BRAYSHAW	LEONARD STRONG HUGUNIN
LYLE BERNARD FORSYTH	HAROLD ERNEST JUDKINS



ERNEST WILLIAM LODMELL  
JOHN GERALD McNALLY  
DONALD MALCOLM O'HARA

LOWELL LURAL RIEKE  
WILLIAM PATRICK SEIVERT  
ORLANDO CARL STABBERT

*First Lieutenant, Medical Corps*

LEONARD COLEMAN BATE  
WILLIAM RUSSELL BLOMBERG  
NORVEL OTTO BRINK  
ALBERT SINAI BRUSSELL  
BRUCE HERMAN CANFIELD  
HENRY BANNISTER CLARK, JR.  
DAVID BENNETT DAVIS  
LESLIE WARREN FOKER  
DELMAR ROBERT GILLESPIE  
NORBERT JOHN KULZER

GEORGE THEODORE LECLERCQ  
CARL JOHN LIND, JR.  
RAYMOND EDWARD MULROONEY  
STANLEY CARL PETERSON  
WARD ALPHEUS RULIEN  
PAUL WESLEY SEARLES  
THORSTEN SMITH  
ULFERT RAY ULFERTS  
ANGVALD VICKOREN  
CUTHBERT BEN YOUNG

*Second Lieutenant, Coast Artillery*

NORMAN EUGENE CARLSON  
JOHN HORACE HAYES  
ARNE HOLTER  
CLARENCE EDWARD LUND

FRANCIS WILLIS MARTIN  
EDWARD JAMES NEMEC  
EARL HOWARD RUBLE  
ARTHUR WILLIAM WISHART

*Second Lieutenant, Infantry*

EDWARD MARTIN GONSOLIN  
VINCENT EMANUAL IVERSON  
CHARLES HERBERT JONES  
HOWARD ROBERT JONES  
WILLIAM KARP  
THULE BERNARD KNIGHT

POWELL FREDERICK KRUEGER  
CHESTER ERWIN PETERSON  
EARLE KENNETH POTTLE  
DEKOVEN LESTER SCHWIEGER  
RAYMOND BUCKLEY STROUD

*Certificate of Eligibility*

RICHARD WENDELL LINDGREN

*Second Lieutenant, Signal Corps*

LEWIS KENNETH ANDERSON  
PAUL LOUIS ERICKSON

PHILLIP KING  
ADOLPH JOHN KUPKA

*Certificate of Eligibility*

SANFORD CHASE HANSCOM

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

Candidates presented by Joseph M. Thomas, Ph.D.; Assistant Dean for the Senior  
College of the College of Science, Literature, and the Arts

Marshalls: DORIS ATWOOD

FLORENCE FORD

## BACHELORS OF ARTS

†*summa cum laude*

RICHARD DU TOIT CARLSON	LEE LOEVINGER
HELEN BELL ELVEBACK	JOHN BRIGGS MOYLE
JEAN HOWARD HAGSTRUM	RAYMOND PEPINSKY

## BACHELORS OF ARTS

†*magna cum laude*

HILDRED MARIA BROHAUGH	BESSE KATZ
JOHN F. FINN, JR.	JANE KAVANAGH
JOHN LOUIS GLIEVE	FRANCES CATHERINE KELLY
ROSS AIKEN GORTNER, JR.	CARL JOHN LIND
PATTY HYNES	ROBERT JUDSON NIESS
HELEN ELIZABETH JENSEN	SHERNA SHALETT
DALE ERNEST JESSUP	ARTHUR BYRON WHITNEY

## BACHELORS OF SCIENCE

†*magna cum laude*

MARJORIE MYERS	MARJORIE PERHAM
----------------	-----------------

## BACHELORS OF ARTS

†*cum laude*

BERNARD W. ADAMS	FREDA MAE LAUDON
ANNE ARMSTRONG	BETTE MARCH
BETTY GAY BAXTER	JACK JOSEPH CLARK MCBRIEN
ROBERT HENRY BIRON	RAYMOND E. MORK
ELIZABETH BLASING	FERN AUDREY MORRISON
HARLAND N. CISNEY	RUSSELL ANDREW NELSON
HUGH DALLAS COLBY	MINERVA H. PEPINSKY, B.S.
LOUISE ELIZABETH DENEFF	MARION ALICE RASMUSSEN
SAADIA GELB	JOHANNES SACHSE
HANNA LEA HARRIS	MILDRED SEEGER
ADELAIDE C. LACY	EDWIN THEODORE SHEFFIELD
CONSTANCE LANE	AUDREY KAY STEVENSON
LUCILLE ROSALIE LARAMIE	MARSHMAN S. WATTSON

## BACHELORS OF SCIENCE

†*cum laude*

CAROLINE ANNA BREDE	ALICE THEODORA TORKELSEN, B.S.
LUCILE ELLEN RUNNESTRAND, B.A.	

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

## BACHELORS OF ARTS

EDGAR J. ABBOTT  
 FRANKLIN LUCHSINGER ALEXANDER  
 FRANCES HENRIETTA AUGUR  
 WILLARD F. BAILEY  
 MARY BRAIN BEACH  
 MARTIN ALTON BEATTY  
 ROBERT COLLINS BELL, JR.  
 ERNEST L. BERG  
 EVELYN HASTINGS BILLINGS  
 GUNNAR BJÖRN BJÖRNSON  
 WARD MULLIN BLAKE  
 DONALD BOWERS  
 ELEANOR BOYER  
 DAWSON BRADSHAW, JR.  
 MURIEL STARK BRANHAM  
 DONALD C. BUCHER  
 EUGENE ALLAN BURDICK  
 EUNICE ELIZABETH CHAPIN  
 VIRGINIA RUDEN CHILDS  
 VERNA MAE COHEN  
 CARL ALFRED CONSTANT  
 JEANNETTE CORSER  
 IRVING DACHIS  
 HAROLD CORNELL DALAKER  
 JULIUS E. DAVIS  
 ROSE DAVIS  
 CYNTHIA LORETTA DICKMAN  
 RALPH EARLE DICKMAN  
 LOUIS WILLIAM DIETRICH, JR.  
 JOSEPHINE PATTIE BROWN DILLING  
 JAMES EDWIN DODGE  
 PHYLLIS MITCHELL DOWNEY  
 NORA BESS DUNBAR  
 GORDON F. EKHOLM  
 HENRY BOYNTON ERIKSON  
 JAMES SHONTS ERIKSSON  
 DELORES MARY FAHEY  
 THOMAS KINGMAN FORD  
 MELVIN LYNN FRANK  
 LILY JANE FREEMAN  
 MARJORIE ELAINE FRYCKBERG  
 RUTH OTILIE GAGNATH  
 ELEANORE JEAN GALLAGHER  
 MILTON ALLYN GALLUP, JR.  
 PHILLIP HOWE GATES  
 CLARENCE BERT GILBERT

MARION CATHERINE GOLD  
 JANE ELIZABETH GRACE  
 LAVENDER SUSAN GREAVES  
 NUBAR HAGOPIAN  
 JOHN THOMPSON HALL  
 PAUL R. HAMERSTON  
 THOMAS JOSEPH HANIFY, JR.  
 MALCOM LOYD HANSON  
 RALPH STEVENS HARDIMAN  
 CATHARINE B. HARMON  
 VIRGINIA ADA JOSEPHINE HARRIS  
 ETHEL GENEVIEVE HARRISON  
 ROBERT ARTHUR HOEFT  
 EUNICE HELEN GENEVIEVE HOKENSON  
 BERTHA MARGARET IRWIN  
 CURTIS L. JENSEN  
 RALPH SIGFRID JOHNSON  
 RUSSELL K. JOHNSON  
 CHARLES HERBERT JONES  
 CURTIS KNOWLES JONES  
 HELEN LUCRETIA JONES  
 THOMAS O. KACHELMACHER  
 RUTH MARY KELLER  
 BARBARA MAE KENNEDY  
 MARVIN WILFRED KENT  
 HELEN M. KNAPP  
 ERNEST WILLIAM KOHLSAAT, JR.  
 L. KENNETH LANCASTER  
 HARRY T. LATHROP  
 BETTY WILLIAMS LE MASTER  
 FREDRIK LENGBY  
 SAMUEL EDWARD LEWIS  
 CARL O. LINNÉE  
 DOROTHY RACHEL LOCKHART  
 LILLIAN RUTH LUSTMAN  
 RICHARD GOFF MABEY  
 JOHN JACOB MACALLISTER  
 DOROTHY B. MACMANIGAL  
 MARGARET KATHERINE MACNAUGHTON  
 AUNE ELIDA MARTIN  
 WALTER LEWIS MAYO, JR.  
 LOUIS EDWARD McDONOUGH  
 CLIFFORD WILLIS MENZ  
 FREDERICK MILLER, JR.  
 MARGARET MARY MULROY

BETTY ELLEN MULVEHILL  
HELEN DAGMAR NELSON  
MARIAN JEANETTE ORR  
CLARICE V. PARKIN  
CARL AUGUST PEARSON  
RICHARD C. PETERSEN  
LOWELL JOHN PETERSON  
EDWARD GARBETT PICKETT  
WALTER LOUIS PIEKARCZYK  
EARLE KENNETH POTTLE  
KATHERINE ELNA PUTNAM  
GRACE ELIZABETH REINHARD  
HELENE ANDREE V. RHOMBERG  
DOROTHY ELIZABETH ROCK  
HERMAN LEWIS ROSENBLATT  
MAX ARTHUR RUTZICK  
HAROLD N. RYGH  
FLORA ROSE SANDOZ  
THOMAS JOSEPH SCANLAN  
CHARLES H. SCHEIFLEY  
GOLDEN SELIN  
ELIZABETH GREENE SHIPPEE

RAOUL LOUIS SIMON  
FLOYD R. O. SIMPSON  
JOSEPH HARVEY SOUKUP  
ALLEN LINCOLN SPONBERG  
CAROL GENEVIEVE STOLTZ  
JANET STROBEL  
SAM J. SWARTZ  
CARL HERBERT SWEET  
STANLEY N. SWENSON  
VIRGINIA LOUISE THOMAS  
HARRIET THWING  
WILHO TIKANDER  
JOHN PATRICK TOWEY  
CATHERINE TUOHY  
HAZEL DONNA WALLACE  
KATHRYN CAMP WARWEG  
ELLEN HARRINGTON WEARNE  
WILLIAM WEINFELD, B.E.E.  
JAMES R. WEST  
HENRY WIENER  
LEO GEORGE WINZENBURG  
MARJORY ALICE WORMLEY

## BACHELORS OF SCIENCE

MARY ADAMS  
MARY BABCOCK  
KORLENE LOIS BASHEFKIN  
HELGA SIGRIDUR BJÖRNSON  
IDA FLORA BROCHIN  
ELEANOR LEE BROUGHTON  
JANET NORTON BROWN  
LUCIA REBECCA BROWN, B.S.  
MARGARET ELLEN BRYAN  
RUTH BURKHARD  
OLGA DOROTHEA CARLSON  
HELEN MARIE CLAUSEN  
ROBERTA HELEN COAKER  
JANE SUZANNE CONNOLLY  
MAYME EMILIA DAHL  
DOROTHY EDITH GRAY ERICKSON  
MARY MARGARET FITZGIBBON  
EVANGELYN EUNICE FONDELL  
DOROTHY M. GANNON  
DOROTHY LORRAINE GEORGESON  
EVLYN R. GOLDSTEIN  
MILDRED L. GREENWOOD

KATHERINE L. HAGBERG  
TOBETTE ELEANOR HALPERN  
MARJORIE ELIZABETH HANSON  
MINNIE MABEL HARTFIEL  
NIVEA MARY HAW  
MARGUERITE ANDRENA JOHNSON  
SOPHIE VICTORIA JOHNSON  
JENNESS VIOLA KEENE  
RUTH PIERCE KEIRSTEAD  
CATHERINE EVELYN KENNEDY  
JANET ELIZABETH KING  
RUTH P. LENSKE  
MYRTLE CECILIA LOFROTH  
STELLA LORBERBAUM  
ROUMELLE ETHEL LUNDEEN, B.A.  
ELIZABETH ANN LYNCH  
DOROTHY MAE MAHLE  
ROSE ADA MOSS  
RUTH MARIE NIELANDER  
KATHERINE HENNESSEY O'NEIL  
JOSEPHINE MARY PEASE  
CLAUDIA GRANVILLE PERKINS

INA WINNIFRED RAMSAY  
FLORENCE H. RASSIER  
BETTY REUTIMAN  
LUCILLE M. RHEDIN  
HELEN FRANCES RICHARDSON  
LEONARD JOHN ROGGE, B.A.  
DORIS ALLEEN RUSSELL  
ELIZABETH IDA SARGENT  
MARGARET KAREN SCHIEDERUP  
MARGARET ANN SEIRUP

HARRIETT ALBERTA SEIZ  
FREDA SILVER  
RUTH ELEANOR STEMSRUD  
GERTRUDE HELMI TAMMINEN  
IRENE ESTHER UNDERDAHL  
ELIZABETH WATERS  
THEODORA MARY WAY  
BETTY GERTRUDE WELLES  
CHARLOTTE JUNE WHITEMORE

## COLLEGE OF ENGINEERING AND ARCHITECTURE AND SCHOOL OF CHEMISTRY

Candidates presented by O. M. Leland, B.S., C.E., Dean of the College of  
Engineering and Architecture and the School of Chemistry

Marshals: WILLIAM E. LUNDQUIST      WILLIAM R. SEARS

### BACHELOR OF ELECTRICAL ENGINEERING

†with high distinction

BENJAMIN MOSES AXILROD

### BACHELOR OF MECHANICAL ENGINEERING

†with high distinction

DONALD E. LESLIE

### BACHELOR OF AERONAUTICAL ENGINEERING

†with distinction

ZENAS HALL HAVSTAD

### BACHELOR OF ARCHITECTURAL ENGINEERING

†with distinction

GEORGE CURTIS LINDQUIST

### BACHELOR OF CIVIL ENGINEERING

†with distinction

ALVIN GEORGE ANDERSON

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

## BACHELORS OF ELECTRICAL ENGINEERING

†with distinction

FRED W. BAUMANN	LADDY JOHN MARKUS
ROBERT OZIAS HAXBY	RAYMOND EDWARD MILNER
ADOLPH JOHN KUPKA	ALBERT EDWIN OLSON
STANLEY VERNER LARSON	JAMES ALBERT PERHAM
SAMUEL LEVY	WILLIAM GERALD SHEPHERD
JOHN JAY MANGAN	

## BACHELORS OF MECHANICAL ENGINEERING

†with distinction

ROY L. KING	GAYLE BOLLER PRIESTER
-------------	-----------------------

## BACHELOR OF ARCHITECTURE

†with distinction

KENNETH ROBERT LUNDBERG	JARL SEPPANEN
-------------------------	---------------

## BACHELORS OF CHEMISTRY

†with distinction

FRANCIS W. MARTIN	GLENN E. ULLYOT
FREDERICK DIETRICH SCHMALZ, Jr.	FREDERICK THEODORE WALL

## BACHELORS OF CHEMICAL ENGINEERING

†with distinction

BRUCE GRAHAM GILLESPIE	ARCHIE BERNARD JAPS
KENNETH BERNARD GOLDBLUM	GORDON FREDERICK LINDNER
SIGMUND JAMES JACOBS	HENRY WILFORD RAHN

## BACHELORS OF AERONAUTICAL ENGINEERING

FRED L. BOEKE	RAYMOND JOHN KRAEMER
CLIFFORD R. GASKELL	KARL HAROLD PETERSON
KENNETH PAUL HAAGENSON	NATHAN S. RUDER
JOHN WILLIAM HARTY	ROBERT L. SEGAL
ARNE HOLTER	WALTER ALBERT SPIVAK
LESLIE E. IDE	STANLEY A. VYE
J. WILLIAM JOHNSON	HAROLD YESNES
EDWARD THOMAS KIERSKI	

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

## BACHELORS OF AGRICULTURAL ENGINEERING

G. RUSSELL CARPENTER

CARL GERHARD WIDSETH

## BACHELORS OF ARCHITECTURAL ENGINEERING

W. EDWARD BRADBURY

HELMER EDWARD BROCKHOFF

WILLIAM CHARLES BUDGE, JR.

DUANE EUGENE DICKEY

FREDERICK W. HAACK

JEWELL ORVIN JULSON

HENRY GEORGE KUITU

ARTHUR M. LOISHNER

DAVID MERCIL

EDWIN JOHN SHIELDS

M. WALTER SIME

CHARLES HERBERT STARKEY

## BACHELORS OF CIVIL ENGINEERING

CHARLES WESLEY BRITZIUS

ROBERT EUGENE BRUNTLETT

ADOLPH FINE

WILLIAM PAUL FRANZE

EDWARD A. HAMERSKI

JOHN CHARLES HUBBARD

CLINTON L. JORDAN

JACK LENHART

WILLIAM C. LINCOLN

IVON INGRAM LOHN

WALTER DANVILLE LOVELL, JR.

ERNEST MARGULAS

ROBERT EDMUND MCKIBBIN

DENNIS MICHAEL RYAN

NORBERT SCHAPIRO

CLARE CHARLES STOUT

HOWARD S. WAKEFIELD

JASON HAROLD YAGGY, B.A.

## BACHELORS OF ELECTRICAL ENGINEERING

LEWIS K. ANDERSON

MARTIN HENRY BENSTON

KRESS JACOB BOHRER

HAROLD STARR CARLSEN

ROBERT LYNN CARLSON

WARREN LEE COLLINS

HART SAWYER COWPERTHWAIT

LAURENCE RAYMOND CUNDY

ORION A. DAVIDS

GEORGE ABEL DELAHUNT

PAUL L. ERICKSON

JOSEPH GETSUG

VERNON A. GRANNA

JOHN EDWARDS HANCOCK

SANFORD C. HANSCOM

J. OSWALD HANSON

GORDON FRANCIS HAUERWAS

CHARLES ALBERT LEO HEITMILLER

GEORGE WILLIS PETER HOLLIDAY

JOHN HYVARINEN

MAURICE JACOBS

LAWRENCE P. JOHNSON

PHILLIP KING

LOUIS J. LABONTE

WALTER MELVIN LARSON

JOHN LERNER

PARKER LOWELL

WILLIAM EDWARD McNULTY

HOWARD ADELBERT MORGAN

LAURENCE EMANUAL PETERSON

KENDELL W. PLANER

ODD KERMIT ROVICK

LOUIS P. SCHMITT

WILBUR FREDRICK SCHORR

DONALD WILLIAM SCHREPEL

JAMES EDWARD STODDART

GEORGE RAYMOND SUTHERLAND

PETER HARRY VOORLAS

## BACHELORS OF MECHANICAL ENGINEERING

ROMAN FRANCIS ARNOLDY	MAURICE LEVINSOHN
MILLARD BENJAMIN BORGESON	CLARENCE EDWARD LUND
NORMAN EUGENE CARLSON	NORBERT FRANCIS MENGELKOCH
JOHN CHALMERS DAVIDSON	EDWARD JAMES NEMEC
JOHN SIEGFRIED DEGRAAF	WILBUR L. PETERSON
CLAYTON EDWARD EBERT	IRVING ADRIAN PRATT
JOHN CLINT ENBLUM	HARRY T. PRIEST
ELMER HENRY ERICKSON	EINAR ARNOLD RANHEIM
EMMET J. FIELD	WILLIAM HUGO RIPKEN
GEORGE MICHAEL GRAETZ	THOMAS ARTHUR ROGERS
FRANCIS DOMINICK HAMERSKI	HARVEY GAGE ROLLIN
PHILIP ROBERT HEDBACK	DONALD C. ROLLINS
ARNE WALTER HEINO	HOWARD SAMUEL SILVER
ROBERT WALTER HELBIG	CHESTER FLOYD SINES
JOHN WILLAM HOFFMANN	SAMUEL SIGURD SUNDELL
ALLAN ARTHUR HUTCHINGS	HARVEY GEORGE TANGEN
*MORRIS C. KNIGHT	HOMER DOWNING THOMAS
PAUL CLEMENT LALIBERTE	THOMAS GERALD THORNTON
ARILD FRIDTJOF LARSEN	FRANK JOSEPH VENTURA
OTIS MELVIN LARSEN	CHARLES A. WELLIVER

\* Degree conferred post obitum.

## BACHELORS OF ARCHITECTURE

HUGH CAMPBELL EATON	CHARLES ALDEN PRINCELL, B.A.
HARRY THEODORE JOHNSON	WILLARD EDMUND RANDOLPH
AUSTIN H. LANGE	HUBERT HAROLD SWANSON, B.S.
JEROME WILLIAM LARSON	EVERETT RENELDO YOUNG

## BACHELORS OF INTERIOR ARCHITECTURE

INEZ CATHERINE ALLARD	ELLA DICKEY STUCKY
MARION ANDREWS, B.A.	DOROTHY RUTH WILSON
HELEN SHATTUCK HAMMOND	

## BACHELORS OF CHEMISTRY

RICHARD FREDERICK BONNEY	KENNETH LOCKERBIE MUELLER
MAXINE BURMEISTER	GEORGE MASON SAVAGE
BERNARD DIMSDALE	ROBERT M. THEIS
WILLIAM KARL DUNWOODY	BEN ZION WIENER
KYLE HENRY LEVAU	ARTHUR WILLIAM WISHART



## BACHELORS OF CHEMICAL ENGINEERING

WALTER WILLIAM ANDERSEN	CHARLES EMIL JOHNSON
CLAYTON MILLER BACH	GEORGE BERGER JOHNSON
MARIO ARTHUR BOLLINE	ANTHONY A. JUETTNER
THOMAS GEORGE BOWERS	JOSEPH JOHN KADLEC
EUGENE RALPH BUNDUL	EDGAR A. LAURING
JOHN EDWARD CARROLL	EUGENE LEET
JEROME H. ENDRES	WAINO WALFRID LEHTO
CLARENCE EMANUEL FELT	JOHN NATHANIEL LINNEROOTH
PAUL WILLIAM JEROME FELT	WILLIAM JOHN MCNAMARA
SIDNEY GREENBERG	ALLYN CHINNOCK MILLER
WALTER GUSTAFSON	EDWARD JOHN MOCK
MYRON WAYNE HALL	EARL HOWARD RUBLE
WILLIAM EDMUND HOLLEN	WILLIAM GOLE TUEL
MALCOLM COLBURN HOPE	BERT O. WOOD
HERBERT WILBUR HYMES	

## 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: ELEANOR A. CHALGREN      ELMER ZIEGENHAGEN

### BACHELORS OF SCIENCE

†*with distinction*

(*Course in Agricultural Science*)

EARLE WILLIAM HANSON

(*Course in Forestry*)

WILLIAM EDWARD ACKERKNECHT, JR.

(*Course in Home Economics*)

EMMA SOPHIE ERICKSON

### BACHELORS OF SCIENCE

(*Course in Agriculture*)

JAMES L. ADAMS	KERMIT A. OLSON
ERIC R. AHLSTRAND	ARTHUR PETERSON
HARRY DONALD ANDERSON	CARL FREDERICK RADKE
KENNETH B. GRANT	CLARENCE HERMAN WELCH, JR.
VINCENT EMANUAL IVERSON	JOHN J. WIRT
SIGVALD C. MARTENSEN	

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

*(Course in Agricultural Science)*

HENRY E. BULL  
JOHN JOSEPH ERCHUL  
HARVEY D. ERICKSON  
EARL M. HANSING  
MELVIN T. HOLE  
ARTHUR T. MELGAARD

CLAIRE EDWARD PESCHKEN  
HERMAN P. PESCHKEN  
G. DONALD SHERMAN  
WESLEY RICHARD STELLER  
CLIFFORD THEODORE WADD

*(Course in Forestry)*

HARRY THOMAS CALLINAN  
GORDON H. CARR  
GEORGE FORUS  
JOHN RUDOLPH FRY, JR.  
ROSS WILTSE HAVEN  
LEON OSCAR HILL  
HARLEN GORDON JOHNSON  
EMIL GEORGE KUKACHKA

ERO ELLIS LAITALA  
HARRY CHARLES MILEY  
ST. ELMO HARRY NAUMAN  
GEORGE WALLACE PLANT  
WALTER J. RIDLINGTON  
JOHN ALEXANDER RUNDGREN  
VICTOR O. SANDBERG  
ALICE M. STUART

*(Course in Home Economics)*

LOUISE EMILIE BRONN  
BERNIECE MARIAN BROWN  
SOPHIE MERAL CHERN  
DOROTHYBELLE CLARK  
VIOLA DIESSNER  
IRMA GENEVIEVE EKSTROM  
LAURA HARRIET FROST  
DORIS JENNIE GRAND  
THURMALEE GRACE HENDRICK  
HELEN EDITH HORTON

PEARL GERTRUDE KENNING  
ELIZABETH MARY KOLL  
RUTH E. D. LINDSKOG  
MARY LOUISE LOOMIS  
ESTHER HUBBARD MCBRIDE  
DOROTHY SARAH MORRIS  
DORIS EMILY MUSKE  
FRANCISCA MORALES VEGA  
WINIFRED POORE WAGNER  
VIOLETTE MARJORIE WOLD

**LAW SCHOOL**

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

Marshals: ROBERT J. CHRISTIANSON      JOHN C. HERBERG

**BACHELORS OF SCIENCE**

*In Law*

ALLAN W. ADAMS  
JAMES E. FINLEY  
EMIL H. HASTINGS  
THULE B. KNIGHT

CHARLES H. OGLE  
WILLIAM JOHN OLTMAN  
DCROTHEA ANN POPPE  
RICHARD B. RYAN

## MEDICAL SCHOOL

Candidates presented by Richard E. Scammon, Ph.D., Dean of Medical Sciences

Marshals: CHARLES E. McLENNAN      BERNARD M. URENN

### BACHELORS OF SCIENCE

MARVIN EDWARD ADAMS	ALFRED EDWARD MUCCILLI
EVELYN VIOLA BANNISTER	AGATHA MUELLER
CATHERINE MARY BARRETT	DONALD EUGENE NEALY
CHARLES JOHN BETLACH	SARAH JEANETTE OLSON
WILLIAM RUSSELL BLOMBERG	JOSEPH FRANK PETERS
EVELYN BERNICE BOLSTAD	TWYLAH BELLE PLUMMER
BRUCE H. CANFIELD	PHILOMEN CHEVERTON ROY
MARION ESTHER DIEHL	ANNE LEE SCHWARTZ
DANIEL LEO DONOVAN	CHARLES GOODNOW SHEPPARD
ROMAN VINCENT FAIT	JULIUS SLOAN, D.D.S.
DELMAR ROBERT GILLESPIE, B.A.	THELMA LOUISE SMITH
DONALD LEO GILLESPIE	CLEMENTINE HELEN SPURZEM
RICHARD BENNETT GRAVES	PORTIA SWAIN
ROBERT J. HILL	WILLIAM ALFRED SWEDBERG
HELEN ANNETTE HOFF	CHARLOTTE M. THOMPSON
ANNA TERESA IMSWILER	VERNON DUANE THYSSELL
MILDRED HANNA KING	MARK PHILLIP VIRNIG
GEORGE THEODORE LECLERCQ	MARION ERSKINE VOIGT
CARL JOHN LIND	WILLIAM JOHN WATSON
MINNIE LEE MARK	CONSTANCE GENEVE WELD
EILEEN JUNE MICHALIK	

### SCHOOL OF MINES AND METALLURGY

The following candidates are absent from the city engaged in field work.  
Their degrees will be conferred in absentia.

#### ENGINEERS OF MINES

HAROLD HERMAN CHRISTOPH	CLARE E. McMANUS
DONALD WILLIAM DRYG	LAWRENCE JOHN OBERG
KARL FREDERICK HEHL	HARLUF C. PETERSEN
EDWIN HAROLD KELM	KENNETH CAMPBELL SHAW
WILLIAM NORMAN MATHESON, JR.	WILMOT FENTON SHINNERS

#### ENGINEER OF MINES

*In Geology*

JOHN HORACE HAYES

## ENGINEERS OF MINES

### *In Petroleum*

JOHN DESMOND DANCHERTSEN      HARLEY ROBERT SCHNEIDER  
WESLEY REED LUND                  GORDON FENMORE SCOTT

## METALLURGICAL ENGINEERS

LOUIS JOHN ERCK                      ELMER W. MILLER  
STEPHEN EDWARD ERICKSON          JAMES P. SHANE  
WILLIAM LEONHARDT FAWCETT        CEDRIC H. RIEMAN  
IRVING JOSEPH FEINBERG              MARVIN GERALD SEDAM  
ALFRED H. FLECKENSTEIN              THEODORE LEONARD SETH  
HARRY HELTZER                        PAUL E. TIMMERMAN  
WESLEY GEORGE JOSEPHSON          MARSHALL JOHN WAHL

## COLLEGE OF PHARMACY

Candidates presented by Frederick J. Wulling, LL.B., Ph.M., causa honoris,  
Phm.D., LL.M., D.Sc., causa honoris, Dean of the College of Pharmacy

Marshals: JOHN S. HADLEY                  JACK J. KAPLAN

## BACHELORS OF SCIENCE

### *In Pharmacy*

ROBERT W. ANDERSON                  KLYDE KALIHAR  
THEODORE S. ARNISON                LAMBERT COLEMAN KEELEY  
EDWIN H. BORCHERS                  NORTON H. KRAMER  
EDWARD A. BRECHT                    HYMAN MILSTON  
GEORGE E. CROSSEN                  HENRY A. NELSON  
EDWARD EBELING DEGNER              EMMETT WILLIAM RESIG  
ALAN NOERENBERG DOELTZ            GERTRUDE CATHERINE SCHWIETZ  
JAMES M. GARDNER                    FRANCIS H. SIMONS  
PAUL GRAEBNER                        MORRIS A. STOLLER  
HERBERT FERDINAND GRAFSLUND      BASIL BERWYN THOMPSON  
LESTER JOHN HAGEN                  HAROLD K. THOMTON  
EMIL J. HOREJSI                      PAUL E. WEBER, Ph.C.  
HILARY JOZWICK

## COLLEGE OF EDUCATION

Candidates presented by Melvin E. Haggerty, Ph.D., Dean of the  
College of Education

Marshals: VIRGINIA B. BIDDINGER      GEORGE B. ENGBERG

## BACHELORS OF SCIENCE

†with high distinction

DOROTHY JULE DIXON  
CHARLOTTE D. DUNN  
RUTH CAMILLA HAYCOCK  
ELIZABETH H. LELAND

RUSSELL VERNON PERSON  
ELEANOR CHARLOTTE PETERSON  
HILDING GEORGE PETERSON  
GEORGE RUWITCH

## BACHELORS OF SCIENCE

†with distinction

HAROLD A. ALBRECHT  
JANE LOUISE ALBRECHT  
MARION RUTH ALLEN  
LAURA SOPHIA ASCHENBECK  
LULIE A. BECKER  
VIOLA EVELINE BENSON  
OLGA THORENE BROM  
ALICE JOHANNA CONNOLLY  
VERYL JEAN CULP  
MARGARET ALBERTA ERNST  
MILDRED MADELINE FRIDLUND  
DONNA MURRELL GREEN  
ETHELLEYN MARJORY HENDRY  
AUDREY ELVIRA HOILUND  
ELAINE MARGUERITE HOVDE  
ESTHER GERDA JOHNSON  
MILDRED MARIE JOHNSON  
WILLIAM JOHN JOSEPH  
AGNES LOUISE KOEHLER  
WALTER JOSEPH LA CASSE  
HARRIET LUCY LAMSON  
E. LORAINÉ LAUTERBACH  
CLARA MARIE LEIBOLD  
LORETTA B. LEROUX  
MARIE CLARE LIESCH  
WALTER DENTEN LOBAN

ROSALIND LEE MACBEAN  
GEORGE JAMES McCUTCHEON  
HELEN C. McLAUGHLIN  
WILLIAM HENRY McLAUGHLIN  
JANE MILLAR  
ALMA NORUM  
MAURICE EDWIN ODOROFF  
RUTH HARRIET OLSEN  
GERTRUDE PAGE  
LENA ROSE PASKEWITZ  
VIRGINIA RUTH PETTIGREW  
MARY FLEETA RAWLING  
DOROTHY JANET ROOT  
DOROTHY ALICE SCHLETTY  
HELEN CHARLOTTE SCHLETTY  
DELORIS BERNICE SCHREIBER  
MARION ARLINE SCHROEDER  
EVELYN E. SCHULTZ  
VIRGINIA B. SMALLWOOD  
BERNICE MARGARET SUTHERLAND  
DOROTHY CAROL SWEET  
VIRGINIA VIVIAN SWINLAND  
MELISSA WEST  
LOIS ANTOINETTE WHITE  
LENORE E. WOLFE  
FRANK V. R. WOOST, B.A.

## BACHELORS OF SCIENCE

BERNICE P. ACKERLAND  
THERESA BEATRICE ACKERMAN  
MARGARET AHLBRECHT  
MAYNARD LEE ALFSTAD  
JOHN T. ALFTON  
HELEN JOSEPHINE ALMARS

RUTH EVELYN ALVAR  
AUDREY AMSDALE  
GLADYS ELIZABETH ANDERSON  
VIRGINIA MAE ARGRETT  
ALICE M. ARSCOTT  
RUTH HELENE BACHMAN

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

MONICA BACKUS  
 MARGUERITE HELEN BAIRD  
 ELIZABETH J. BAKKE  
 FRANCES L. BALDWIN  
 RUTH EVELYN BALDWIN  
 RUTH LYNETTE BALMER, B.A.  
 MARIAN BARTHOLOMEW  
 FLORENCE DOROTHY BAUCK  
 KATHARINE ELIZABETH BAUMANN  
 MARY CAROLYN BENSON  
 EUNICE BERNICE BERGLUND  
 DOROTHY ANNETTE BERGMAN  
 NICK J. BERKLACICH  
 MARGARET IRENE BEYER  
 EVELYN STELLA BJORKLUND  
 TAALKEUS A. BLANK II  
 ROBERT ALEXANDER BOEHME, JR.  
 LUCILLE MARGARET BOGAN  
 GERALD ANDREW BORRIS  
 RUTH WHITECAR BRACE  
 MADELINE DOROTHY BRIDGE  
 ALICE MARY BROOKER  
 ALICE ANN BROWN  
 FRANCES MARY BROWN  
 KATHRYN THERESA BROWN  
 RHEA ELSIE BULLARD  
 ERMA A. BURANDT  
 LAURA GLEE BURROWS  
 JEANETTE LUCILLE BURSETH  
 CAROL ELNORA BUSCHO  
 LOIS Q. CAMAISH  
 ALICE ELIZABETH CAMPBELL  
 CHARLES W. CARLIN  
 HELEN BERNICE CARLSON  
 RUTH LUCILLE CARLSON  
 ALICE F. CASEY  
 RUTH STEVENSON CASHMAN  
 EVELYN MAUDE CASSELMAN  
 FANCHON MARY CHAFFEE  
 HILDING SAMUEL CHILGREN  
 MARION CLARE  
 MARION ALBERTA CLARK  
 MARY JANE COLEMAN  
 PATRICIA JOSEPHINE COLLINS  
 HELEN MARTHA COMPTON  
 HELEN LOUISE COOK  
 MARY LORRAINE COSTELLO  
 ESTHER MABELLE CRANE  
 RUTH MARGARET CUMMING  
 EDNA PEARL CUMMINGS  
 LUCILE CUPP  
 HELEN BROWN CURRY  
 HARRY GUNNARD DAHLNER  
 RAYMOND STANLEY DAHMS  
 RUTH EMELINE DANEK  
 ALFREDA ANITA DANIELSON  
 ROSE NORMA-JEAN DANILOVITZ  
 BETTY DARLING  
 ETHEL MARIE DIETZ  
 ROBERT W. DOUGLAS  
 HELEN AGNES DOYLE  
 HELEN ELIZABETH DRAKE  
 MILDRED ANNE DREWS  
 RHEA EHLERS  
 ARDIS ELEANOR ELSON  
 KATHERINE JULIA ENDRESS  
 ALBIN HAROLD ERICKSON  
 SADIE ERICSON  
 ETHEL M. EVANS  
 DOROTHY ANNA FALK  
 DORIS M. FELT  
 JESSIE ELIZABETH FINDLAY  
 OLGA NADINE FINK  
 ANNA MARIE FLECK  
 GERALDINE FOLEY  
 EVELYN DOROTHY FONDELL  
 ELEANOR RUETTTELL FOURNET  
 MARGARET GERTRUDE FOX  
 VIVIAN DI MARCO FREDRICKSEN  
 MARGARET CARROLL GADACZ  
 MICHAEL RODERICK GAFFNEY  
 FLORENCE ESTELLINE GATES  
 GERTRUDE GIESEN  
 VERA MAUDE GILLHAM  
 JENNIE M. GLOBOKAR  
 CECILE FRANCES GOLDSTEIN  
 EDWARD MARTIN GONSOLIN  
 MARY ELLEN GOSCH  
 EVELYN LOUISE GRANT, G.N.  
 CHARLOTTE MAE GRATZ  
 MARJORIE E. GRAY  
 ALICE ADELAIDE GREENFIELD  
 ISOBEL CHRISTINE GREGORY  
 HELEN ELIZABETH GRENIER  
 LOUISE ELIZABETH GRIVELLI  
 VERA PAULINE GRUVER

CARROLL SLACK GUSTAFSON  
FOREST V. D. GUSTAFSON  
ELIZABETH BENTLEY GUTHRIE  
RUTH MARGARET HALSTEAD  
FLORENCE JEAN HALVORSON  
JOSEPHINE HAMILTON  
DOROTHY JANETTE HANSEN  
EDNA MARIE HANSEN  
EDWINA E. HARE  
VIRGINIA FAIRFAX HARE  
RUTH EVELYN HARLING  
HARRIET EVELYN HARRISON  
EVELYN LOUISE HASKELL  
ELIZABETH HAVERSTOCK  
FRANK CLARENCE HEDLUND  
SAMUEL HELD  
KATHERINE ALICE HENNIG  
ELSIE M. HENNING  
RUTH IRENE HERBERT  
HELEN ELIZABETH HESTAD  
EDWARD HENRY HILL  
MARLYS WINIFRED HILMER  
MILDRED MARIE HOLT  
EDITH G. HOOD  
DOROTHY HORWITZ  
GERTRUDE GILE HOSFORD, B.A.  
MAY WOLFSBERG HULL  
HAROLD CURTISS HULTGREN  
DOROTHY ADELAIDE HYATT  
ELVIRA BERNICE ILSE  
LENORE MARY INGWALSON  
HUBERT LOUIS IRSFELD  
ROY O. ISACKSEN, B.A.  
ANNA PHYLLIS JACK  
LOUVA MAY JENSEN  
MARJORIE ARDIS JENSEN  
CARROLL NATHANIEL JOHNSON  
ELVERA LOUISE JOHNSON  
FLORENCE ADENA JOHNSON  
HELEN AMELIA JOHNSON  
HARRY ALFRED ASHLEY JOHNSON  
LUCILLE ALVINA JOHNSON  
MILDRED CAROLYN JOHNSON  
BEATRICE BARBARA JOLLY  
HOWARD ROBERT JONES  
HAZEL MAY KALASH  
HELEN BELL KALASH

JOSEPH EDWARD KAMPA  
SARAGRACE KENNER  
ELMER KETTUNEN  
INGEBORG BERNTSEN KILSTOFTE  
DOROTHY E. KING  
EVANGELINE CAMILLA KITTO  
ADELINE HARRIET KLEIN  
MILDRED V. KLOTH  
ALMA C. KOENIG  
IDA ELOISE KOTCHEVAR, B.B.A  
LORAIN KRAUSE  
DORIS LOUISE KRETZSCHMAR  
JANET ANNE LAING  
ROY H. LARSON  
TED ELLSWORTH LARSON  
M. MAYME DELILAH LASSILA  
HERBERT CALVERT LATVALA  
ALICE A. LAUSTED  
CURT ERWIN LEHMAN  
LUCILE R. LINDBERG  
AGNES LINEHAN  
EVELYN LOUIS  
AGNES DICKSON LOVE  
LYLE ELLSWORTH MACK  
HELVIA GLADYS MARKKULA  
LEONARD R. MARTI  
JANE ELIZABETH MASON  
MARION MAURER  
WIN ELLEN MCEACHERN  
ISABEL DENHOLM MCELWEE  
MAYE LAVERNE MEADOWS  
ELLENE SIGRID MELSTED  
SYLVIA GRACE MERRILL  
LUCILE E. MERRITT  
FLORENCE CELINA MESSIER  
WILHELMINA MICHELET  
DEBORAH MILLER  
MARGARET ANN MOES  
MILDRED LOUISE MONTAG, B.A.  
EDITH LUELLA MOODY  
BLODWEN CATHERINE MORGAN  
MYONA MERCEDES MORRISON  
ESTER E. MOTZ  
GLEN ELLEN MÜDEKING  
ALFRED G. MUELLERLEILE  
ALBERTA JULIA E. MURRAY  
HELEN CATHERINE NEIMANN

ERNEST B. NELSON  
MARGARET LAURA NELSON  
MARION NORA NELSON  
JULIA AGNES NOLAN  
ELLEN LILLIAN NORBERG  
EILEEN ELIZABETH NUESSELE  
DOROTHY ELEANOR NUTT  
NORMA LOUISE OLSON  
RALPH EDMUND OLTMAN  
WILLIAM ALEXANDER OWENS  
ANNA PEARSON  
HAZEL D. M. PEARSON  
VERNON FRED PERRIGO  
ADELAINE CHRISTINE PETERSON  
G. LEROY PETERSON  
LLOYD ALLEN PETERSON  
MARVIN KENNETH PETERSON, B.B.A.  
NELLA MATHILDA PETERSON  
ROBERT M. PETERSON  
RUTH LILLIAN POHJONEN  
IRENE JOAN POLSKI  
DOROTHY M. POMMER  
VIVIAN ELMA POOLER  
ARVID VELI POUTINEN  
DOLORES S. PRESCOTT  
MARGARET DELMA RADDATZ  
FERN LOUISE RAITZ  
ROBERT PHILIP REIHSEN  
MARY ETHEL REUSCH  
RUTH LORENE RISBRUDT  
HELEN GRACEFORD ROBBINS  
MARJORIE FAYE ROBIE  
MARJORY ROHLF  
ALAN JOHN ROST  
STANLEY DAVID ROTH  
CARL FREDERICK ROTHAUSEN  
HARRY JOHN ROUGIER  
ALICE LOUISE RUDEBECK  
LAURICE RAE RUSSELL  
MARSHALL WAYNE RYMAN  
GERALDINE C. SANDBERG  
MARCELLA JUDITH SCHANFELD  
VIRGINIA MARGARET SCHNEIDER, B.A.  
RUTH MARGARET SCHUMACHER  
RUTH HAZEL SEESTROM  
HAZEL MAY SEGNER  
DORIS ANNETTE SELVIG

HARRY SAMUEL SEMINGSON  
JANE SHELLMAN  
MARVIN OLIVER SHELSON  
ALBERT LAWRENCE SHOMENTO  
IRENE SIROLA  
NEOTA SILVERS  
WALMA ANNICE SIPOLA  
MARGARET CAYWOOD SKINNER  
EDWARD WILEY SMITH  
JEAN HARTNEY SMITH  
MAYNARD DIXON SMITH  
ROY CHARLES SNYDER  
FLORENCE THERESA STANTON  
HARVEY W. STENSON  
GRETCHEN ADELINE STIELER  
LOUISE STOUT  
IRMA VIRGINIA STRAND  
DONALD C. STREETER  
RAYMOND B. STROUD  
BERNYCE CONSTANCE SULLIVAN  
ANGELINE MARY TEMBROCK  
SARAH KATHERINE THARP  
ANTON ROLAND THOMPSON  
GRACE ELIZABETH THOMPSON  
KATE HARRIS THOMPSON  
RUDOLPH L. TOMETZ  
MARY RUTH TOWNSEND  
ROSELLA M. TRAWICKY  
MARGARET CHARLOTTE TRUSSELL  
DALLAS KATHLENE TURK  
MARY ETHEL TURNER  
RUTH K. TURPIE  
VIVIAN IOLA VANSTROM  
WILLIAM GARRETT VAN ZANTEN  
VERNA ADELLA VERLO  
DOROTHY ANN VERRELL  
LOUISE OLIVIA WAAGEN  
MARGARET WACKNITZ  
JAMES WILLIAM WAKELY  
MARGARET L. WEBER  
SYLVIA WEESE  
GLADYS MAE WILLCUTT  
GEORGE PAUL WILLIAMS  
ALBERTA DANIELS WOLSTED  
WINIFRED WOLTMAN  
MARY ELIZABETH WOODRING  
KATHRYN WOOLSEY



HARVEY RICHARD WYVELL  
SYLVIA LEONE YESSNE  
KARL MICHAEL ZEIMES

ROBERT E. ZIEBARTH  
THOMAS W. ZIEBARTH  
CHARLES ARTUHR ZIERING

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

Candidates presented by Melvin E. Haggerty, Ph.D., Dean of the  
College of Education

Marshals: VIRGINIA B. BIDDINGER      GEORGE B. ENGBERG

BACHELOR OF SCIENCE

†with high distinction  
(Course in Home Economics)

FLORENCE E. BRUCE

BACHELORS OF SCIENCE

†with distinction  
(Course in Home Economics)

MARGARET LORRAINE CROUCH  
HAZEL THARP

MARIE ADELE WURDEMAN

BACHELORS OF SCIENCE

(Course in Agriculture)

JOHN THOMAS BARNES  
JOHN LEWIS CURRELL  
STANLEY R. DOTEN  
ERWIN R. DRAHEIM

GLEN McDOUGAL  
CARLTON DELBERT NELSON  
CLAIR THOMAS ROLLINGS

(Course in Home Economics)

RUTH BRUSCKE  
SARAH ELVERA CINA  
DOROTHY DAY  
VIVIAN JANE ELSENPETER  
RUTH SARAH HANFORD  
ELIZABETH MYRA HUEY  
LEILA MAY KENCKE  
RUTH MARGARET LAUDERDALE  
LUCY ELINOR LAUGHLIN  
FLO LEWELLEN

FLORENCE MARIE MICHAELSON  
DONA LOUISE MILLER  
MARY F. PERKINS  
ELVERA MARIE PETERSON  
PRISCILLA RUGG  
DOROTHY LOUISE SAMUELSON  
RUTH FREIDA SAWYER  
INEZ ENID TAYLOR  
ADA DELILA TODNEM  
MURIEL LUCILE WHITE

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

## SCHOOL OF BUSINESS ADMINISTRATION

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

Marshals: LUCILE M. BENNETT

CARL A. BERG

### BACHELOR OF BUSINESS ADMINISTRATION

†with distinction

HERMAN LASKEN

### BACHELORS OF BUSINESS ADMINISTRATION

ROSA BELLE ADAMS  
ASTRED SERE ANDERSON  
CHARLES ROBERT BEATTIE, JR.  
ABE BOHN  
JOHN MAXWELL BOLDINGH  
CLARENCE JACK BORNHOLDT  
MARIAN FLAY BROWN  
VIVIAN RAY BROWN  
BYRON K. CASPERSON  
ESTELLE S. COLLINS  
MORRIS JOHN COOKE  
WALLACE MERRIL DAHL  
RALPH DE LONG  
DOROTHY JEANETTE DEMING  
MARGARET P. DICKENS  
BERNICE DWORSKY  
EVAN OWEN EVANS  
KENNETH CHESTER FELSTED  
JEFFREY FLATGAARD  
REINAR VERNER GABRIELSON  
MARY MARGARET GAFFNEY  
JOHN BERNARD GILLILLAND  
JOHN SAMUEL GLAS  
SARAH MARIE GORDER  
LEO GREGORY  
LEO MILTON GROSS  
FRANCIS J. HACKETT, JR.  
STEPHEN MATSNER HARRIS  
MARGARET GRACE HARTLEY  
JOSEPH THOMAS HARVEY  
CARL DOUGLASS HENNING  
RUTH PEARL HINCHON  
FREDRIC W. HOLM

KENNETH DONALD HOWATT  
RICHARD JAMES HUTCHINSON  
MAURICE GEORGE IDELKOPE  
CLARENCE WILLIAM JENSEN  
ROY HOLGER JENSEN  
HAROLD GEORGE JOHNSON  
JEANETTE LILLIAN JOHNSON  
LAWRENCE CLINTON JOHNSON  
LILLIAN L. JOHNSON  
MORRIS EDWIN JOHNSON  
WALTER WINFRED JOUNGQUIST  
EARL CLIFFORD KAGLEY  
DOROTHY ANN KELLY  
ERVIN E. KELM  
GILBERT NEWTON KINGERY  
JACK ALBERT KOLINSKY  
POWELL F. KRUEGER  
MAYNARD F. LA BROT  
LORNA GWENDOLYN LARSON  
RICHARD WENDELL LINDGREN  
SAMUEL LISS  
CLIFF ADOLPH MACE  
JOHN J. MADAY  
VINCENT OWEN McCONVILLE  
KENNETH WARREN McLAREN  
HARVEY WILLIAM MILLER  
ANNE KATHRYN MOLZAHN  
WALTER M. MONSON  
WILLIS E. MORE, B.A.  
ROBERT LEO MOREN  
DOROTHY BEE MUIR  
ROBERT JOHN NASLUND

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

GILBERT KARL NELSON  
 VIVIANNE CECELIA NELSON  
 CHESTER WILLIAM NORTZ  
 LEO LUDWIG NURMI  
 VERNON STANTON OKERLUND  
 GERALD ORWIN OYAAS  
 WEBSTER A. PAJUNEN  
 VERNON THEODORE EUGENE PEARSON  
 WENDELL THOMPSON PECK  
 MARVIN PERLMAN  
 JOHN HELGE PERSON  
 CHESTER ERWIN PETERSON  
 EDWIN WARREN PETERSON  
 RUSSELL THEODORE PETERSON  
 EDWARD N. QUALEN  
 REX BERNARD REGAN  
 PAUL PHILLIP RICHTER  
 CHARLES RUBENSTEIN  
 ARNOLD SAMUELSON  
 GEORGE WILBUR SANBERG  
 ABRAHAM SCHANFIELD  
 DONALD CLIFFORD SCHMIDT

DEKOVEN LESTER SCHWIEGER  
 FRANK JAMES SCOTT  
 ADELE LENORA SHOGREN  
 FOREST JOHAN SKOGVOLD  
 BERGER SKONNORD  
 H. FRANKLIN SPRECHER, JR.  
 CHARLES EDWARD SWANSON  
 DONALD MARTIN SWANSON  
 LEIGH S. THOMAS  
 FRANK THOMAS THOMPSON  
 LLOYD G. TOLEFSON  
 KATHERINE E. TRAFF  
 MARGARET RUTH WACKERMAN  
 BERNARD G. WARNER  
 JOHN EDWARD WELSH  
 BOB WHITE  
 CHEDWICK WILLIAM WHITSON  
 WILLIAM DAVID WILLIAMS  
 JANE M. WOOLLEY  
 PEARL EVELYN YOUNGREEN  
 JACK GOTTFRIED ZESIGER

## UNIVERSITY COLLEGE

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

Marshals: GENEVIEVE L. BILLINGS      LAWRENCE A. DOORE

### BACHELOR OF ARTS

†*summa cum laude*

RUTH ANNE OLSEN

### BACHELOR OF ARTS

†*magna cum laude*

ELIZABETH STUDLEY BROWN  
 RUTH ALBERTA CLARK

RUTH ELIZABETH LAWRENCE

### BACHELORS OF ARTS

†*cum laude*

NEWELL HILLIS ARNOLD

SUSAN MARY SHUMAN

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

## BACHELOR OF SCIENCE

†*cum laude*

HAROLD THORNTON OLSON

## BACHELORS OF ARTS

RUTH OLIVE BRADSHAW  
JOHN CURTIS CARNEY  
LORAIN MARIAN CUMMINS  
VIRGINIA JULIA EMME  
LILLIAN FRANCES HALL

PAULINE JANE KANTROWITZ  
LOUIS H. SERENE  
MARY COIT SPOONER  
JUANITA CLAIRE ZEHNDER

## BACHELOR OF SCIENCE

CHARLES JOSEPH McDONOUGH

## SCHOOL OF DENTISTRY

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

Marshals: HERMAN G. JANSSEN

GEORGE C. PORTEOUS

## DOCTORS OF DENTAL SURGERY

THEODORE M. AAKER  
KEITH GAMBLE ALLEN  
MAYNARD CLAYTON ANDERSON, B.A.  
WILLIAM ELWIN BAGGS, JR., B.S.  
ROLLAND C. BECK  
ALEXANDER ROBERTSON BELL, B.S.  
WILLIAM M. BLOOM  
FABIAN THOMAS BOFENKAMP  
WALTER KENNETH BORGENDALE  
MAITLAND BRADLEY  
HORACE ARTHUR BRAYSHAW  
HAROLD W. CLAUSEN  
EDSON M. CURRY  
JOSEPH CLAYTON FAWCETT  
LOUIS FINKLE  
LYLE B. FORSYTH  
MARCUS G. FRANTA  
DOUGLAS GORDON GANFIELD

OTHO LEON GEYER  
ARNOLD CLIFFORD GILMER  
HERBERT LESTER GULLICKSON  
LLOYD WILLARD HANSON  
WALDEMAR KARL AUGUST HERINGER  
FRANK H. HILLEBRAND  
JOHN D. HOFER  
MONROE WILLIAM HOFFMAN  
MAURICE ALTON HOGHAUG  
REUBEN JOHN HOLM  
RUSSELL B. HOWE  
WILLIAM JOHN JAMES  
HAROLD ERNEST JUDKINS  
WALTER CLEMENT KANNE  
SOLOMON SAM KANUN  
RAYMOND EDMUND KASPER  
FRANKLIN JAMES KLINE  
WALTER THEOPHILUS KRAWCZYK

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

CONRAD TORAL KVAM  
 MAX DOUGLAS LANGER  
 ERNEST W. LODMELL  
 ERLING JOHANNES LORENTZEN  
 JOHN ELMER LUKAS  
 JOHN HERALD LUNDAY  
 JACK MARLINE LYONE  
 THADDEUS LAWTON MACDONALD  
 J. GERALD McNALLY  
 RICHARD JOSEPH McNALLY  
 ELSTON JEROME MIKULECKY  
 SIDNEY D. MILAVETZ  
 RONALD A. MITCHELL  
 ORVIN D. MOEN  
 ALEXANDER CHANCELLOR NOBLE  
 DONALD M. O'HARA

CLARENCE RUEBEN PETERSON  
 GEORGE FRED PETERSON  
 JOE MANNING PIKE  
 SOLOMON DALTON POSNER  
 LOWELL L. RIEKE  
 RUSSELL RISBRUDT  
 FRED WILLIAM SANDER  
 HARRY MONTGOMERY SCHOENING  
 WILLIAM PATRICK SEIVERT  
 CLAIR C. SIEGEL  
 HOWARD RIPLEY SMITH  
 ORLANDO C. STABBERT  
 EDWARD FIRMIN STSZEMP  
 VERNER HERBERT VELIN  
 VERNON WHIPPLE, B.S., Ph.G.

## LAW SCHOOL

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

Marshals: ROBERT J. CHRISTIANSON      JOHN C. HERBERG

## BACHELORS OF LAWS

EDWARD M. ANDERSON  
 WALTER FRANKLIN ANDERSON  
 LINCOLN ARNOLD  
 RUSSELL X. ARNOLD  
 GILBERT EDWARD CARLSON, B.A.  
 ROBERT SHOWERS CARNEY, B.A.  
 EDWARD EMMET CLEARY, B.A.  
 CARL ALBERT COLOMBO  
 BEN PETER CONSTANTINE  
 DONALD RICHARD CRABTREE  
 ALICE ELIZABETH CULHANE, B.S.  
 HAROLD CORNELL DALAKER  
 DANIEL D'AMICO, B.A.  
 LEON C. DAY  
 DAVID JACKSON DONOVAN  
 EVERETT A. DRAKE, B.A.  
 JAMES SHONTS ERIKSSON  
 ARTHUR B. GEER, B.A.  
 BERNHARD CLARENCE GRANGAARD  
 HENRY JOHN GREENE, B.A.  
 PAUL R. HAMERSTON  
 MILTON HANSON, B.A.  
 HENRY GERALD HAUGLAND

RONALD ANTON HENDRICKSON  
 CARL KURIGEN HOPPE  
 TERENCE M. HYNES  
 KENNETH RUSSELL JOHNSON, B.A.  
 LESTER ARNOLD JOHNSON, B.A.  
 L. FALLON KELLY  
 STANLEY VAN EMAN KINYON, B.A.  
 ERNEST LESTER KNUTI  
 PAUL ROBERT LAMM  
 HENRY PAUL LARSON, B.A.  
 HENRY NILSON LEVEROOS  
 BESSIE LEVINE  
 RALPH S. LUND  
 ROBERT JAMES MAJOR  
 ARTHUR LEONARD MARKUS  
 WALDO FRANCIS MARQUART, B.A.  
 WILLIAM WAYNE MARSHALL  
 JOSEPH H. MCGINTY  
 LLEWELLYN JAMES METCALF  
 PETER ARTHUR MOSCATELLI, B.A.  
 PHILIP NEVILLE, B.A.  
 OSCAR ALVIN NORDQUIST  
 ARTHUR NORSTROM

IRA CURTIS PETERSON, JR., B.A.	WILLIAM AUGUST FREDRICK THIEL, B.A.
BERNARD M. PIRKL, B.A.	ANDY JAMES TOTH
EUGENE BYRON ROGERS, B.A.	ALMON A. TUCKER
ORLANDO JAY RUDSER	ROBERT H. TUCKER
CARL TRYGVE RUNNING, B.A.	OLAV EDWARD VAULE
WALTER A. SCHWEPPE, M.S. in E.E.	WALTER CHARLES VELTEN, B.Ed.
LUELLA RACKLIFF SHADDUCK, B.A., M.A.	THOMAS R. WALENTA, B.S.
NOBEL SHADDUCK, B.S.	ROBERT JOSEPH WALERIUS
EVERETT ELLSWORTH SMITH, B.A.	CHARLES TRAIN WHITACKER, B.A.
JOHN MAURICE SOGARD	PAUL WOLFF, B.A.
ALBERT FRANCIS THEN	

## GRADUATE SCHOOL

Candidates presented by Guy Stanton Ford, Ph.D., LL.D., Dean of the  
Graduate School

Marshals: DORIS ATWOOD	FLORENCE FORD
------------------------	---------------

## MASTERS OF ARTS

JANE ARMSTRONG B.A. '31, University of Minnesota Major, Romance Languages (French) Minor, English Thesis, <i>A Critical Study of the Parnasse contemporain</i>	BEATRICE MARY BERNHAGEN B.A. '31, University of Minnesota Major, History Minor, Political Science Thesis, <i>Canadian-American Diplomacy Revealed in the Debates of the Canadian Parliament, 1867-1889</i>
RALPH NORMAN BAILLIF B.A. '31, St. Olaf College Major, Zoology (Cytology) Minor, Physiology Thesis, <i>A Cytological Study of the Effects of Experimental Hyper- and Hypo-Thyroidism on the Rat Thyroid</i>	KENNETH LIONEL BING B.A. '24, Nebraska Wesleyan University Major, Education Minor, Educational Administration Thesis, <i>The Boy Scout Merit Badge System: Activities, Teaching Materials, Badge Requirements, and Award Procedures, with Special Reference to Industrial Education</i>
OTHO THOMPSON BEALL, JR. B.A. '30, Williams College Major, English Minor, History Thesis, <i>Literary Criticism in Five American Magazines (1801-1832)</i>	GENEVIEVE MAY BOWEN B.S. '32, University of Minnesota Major, Educational Administration Minor, Educational Psychology Thesis, <i>Arithmetical Abilities of Teachers-in-Service and Teachers-in-Training</i>

LOUISE ERNECIA BUCK

B.A. '27, Jamestown College

Major, Speech

Minor, Psychology

Thesis, A Study from a Psychological Viewpoint of the Basic Attitudes Motivating the Language Symbols Used in the Plays of Eugene Gladstone O'Neill and Suggestions for the Oral Interpretation of the One-Act Play "Ile"

EVADENE ADELE BURRIS

B.A. '32, University of Minnesota

Major, History

Minor, Political Science

Thesis, Frontier Homes and Home Management: A Study of Some Social and Economic Aspects of Minnesota Life in the Fifties, 1849-1861

HUGH MARSHALL COLE

B.S. '31, Wheaton College

Major, History

Minor, Education

Thesis, The Buchlau Agreement: Aehrenthal and Isvolsky

CONSTANCE MURIEL COWERN

B.A. '31, University of Minnesota

Major, English

Minor, Comparative Literature

Thesis, The Amount and Nature of Moralizing and Sentimentalizing in Thackeray's Chief Novels: A Study of Digression in Thackeray

MARY ELLEN COWLING

B.A. '30, Carleton College

Major, Philosophy

Minor, Fine Arts

Thesis, Religion and Art in the Frescoes of Giotto

MARION ELEANOR CROSS

B.A. '26, Smith College

Major, Romance Languages (French)

Minor, Romance Languages (Italian)

Thesis, Madame de Berny in Balzac

RAGNAR NATHANAEL DANIELSON

B.A. '31, University of Minnesota

Major, Zoology

Minor, Biochemistry

Thesis, An Experimental Study of the Chromatophores of Some Common Freshwater Fishes

GERALDINE DRUCK

B.S. '30, University of Minnesota

Major, Romance Languages (French)

Minor, German

Thesis, A Study of the Development of Realism in the Verse Plays of Emile Augier

MARY LOUISE ELVEBACK

B.A. '31, University of Minnesota

Major, Mathematics

Minor, Physics

Thesis, Elementary Problems in the Convergence of Sturm-Liouville Series

JOSÉ SÁNCHEZ FLORES

B.A. '32, University of Minnesota

Major, Romance Languages (Spanish)

Minor, Geography

Thesis, El Sacerdote en la obra de Benito Perez Galdos

ELIZABETH A. FOLSOM

B.S. '29, University of Minnesota

Major, Latin

Minor, Romance Languages (French)

Thesis, The Attack on the Fear of Death in Lucretius

- HJALMER EMIL FRIVOLD  
 B.S. '30, University of Minnesota  
 Major, History  
 Minor, Economics  
 Thesis, Some Attitudes toward Mexican Immigration into the United States since 1914
- ELLEN ANNETTE FROGNER  
 B.S. '27, University of Minnesota  
 Major, Education  
 Minor, English  
 Thesis, An Analysis of Problems of Sentence Structure Revealed in English Compositions in Grades Seven, Nine, and Eleven
- ARTHUR JOHN GATZ  
 B.A. '31, Carleton College  
 Major, Zoology  
 Minor, Biochemistry  
 Thesis, Comparative Cytological Study of the Anterior Lobe of the Hypophysis of Male Albino Rats Affected by Gonadectomy
- ELENOR RENWICK GOULD  
 B.B.A. '31, University of Minnesota  
 Major, Economics  
 Minor, Economic History  
 Thesis, Merchandising Profits and the Business Cycle as Reflected by Chain Stores and Department Stores
- ROWLAND HAVERSTICK GROFF  
 B.S. '32, Temple University  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Analysis of the Training, Experience, and Other Qualifications of the Teaching Personnel of the Larger High Schools of Minnesota Exclusive of St. Paul, Minneapolis and Duluth
- CAROLYN WEBSTER HAMMOND  
 B.S. '25, Knox College  
 Major, Bacteriology  
 Minor, Physiologic Chemistry  
 Thesis, The Allergic Reactions of the Acid-Fast Actinomycetes
- MABEL JOSEPHINE HAWKINSON  
 B.S. '32, University of Minnesota  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, A Special Aspect of the Reliability of Diagnosis in the Subtraction of Fractions
- NEWTON HOWARD HEGEL  
 B.A. '03, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Teacher Load in the Minneapolis Public Schools
- KENNETH BERGER HEGGENHAUGEN  
 B.B.A. '31, University of Minnesota  
 Major, Economics  
 Minor, Psychology  
 Thesis, An Interpretation of Changes in Consumer Expenditures
- JOSEPH CLEMENT HOLLAND  
 B.A. '25, St. Thomas College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Analysis of the School Buildings of Scott County, Minnesota
- DOROTHY MARY HOLMES  
 B.A. '32, College of St. Catherine  
 Major, Political Science  
 Minor, Economics  
 Thesis, A Study of International Relations and the Grade School



- CATHARINE JANE HULL  
 B.A. '31, University of Iowa  
 Major, Psychology  
 Minor, Speech  
 Thesis, A Study of the Relationship  
 between Degree of Handedness  
 and College Ability Test Scores
- CONSTANCE PEARL JOHNSON  
 B.A. '14, University of Minnesota  
 Major, Education  
 Minor, English  
 Thesis, Children's Appraisal of Songs
- DONOVAN ALBERT JOHNSON  
 B.S. '31, University of Minnesota  
 Major, Educational Psychology  
 Minor, Mathematics  
 Thesis, The Reliability of Small  
 Samples
- VANT WILMOT KEBKER  
 B.A. '31, University of Minnesota  
 Major, General Economics  
 Minor, Statistics  
 Thesis, Comparison of Voluntary and  
 Cooperative Grocery Chains in  
 Minneapolis
- ARTHUR KIRSCHBAUM  
 B.S. '31, New York University  
 Major, Zoology  
 Minor, Anatomy (Hematology)  
 Thesis, The Sexual Cycle of the  
 English Sparrow (*Passer Do-*  
*mesticus*):  
 1. Normal Progressive Gonadal  
 Changes from October to April;  
 2. Experimental Modification of  
 the Normal Sexual Cycle
- LUCE CONSTANCE KLAMMER  
 B.A. '32, University of Minnesota  
 Major, Psychology  
 Minor, Child Welfare  
 Thesis, The Effects of Length of  
 Line and Size of Type on the  
 Speed of Reading of Elementary  
 School Children
- MARIE E. KOEHLER  
 B.A. '30, University of Minnesota  
 Major, Sociology  
 Minor, English (Composition)  
 Thesis, The Personnel Problems of  
 the Blind Student in a University
- EDWARD FREDERICK KOLLER  
 B.A. '29, Augustana College  
 Major, Economics  
 Minor, Economics (Accounting)  
 Thesis, A Study of the Investment  
 Practices and Policies of Testa-  
 mentary Trustees in the Jurisdic-  
 tion of the Hennepin County Dis-  
 trict Court of Minnesota
- ORIN MERWIN LOFTHUS  
 B.A. '28, St. Olaf College  
 Major, Zoology  
 Minor, Botany  
 Thesis, An Experimental Study of  
 the Cilia of the Freshwater Clam
- JOSEPH EPHRAIM LUNN  
 B.A. '08, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Administration of  
 Teachers' Salary Schedules in  
 Minnesota, 1927-1929
- BERNARD PATRICK MANGAN  
 B.S.T. '28, University of Propaganda  
 (Rome)  
 Major, Latin  
 Minor, History  
 Thesis, The Latin of the Roman  
 Breviary
- ELEANOR HITCHCOCK MANN  
 B.A. '29, University of Minnesota  
 Major, Anatomy (Hematology)  
 Minor, Bacteriology  
 Thesis, The Hematological, Histo-  
 logical and Immunological Aspects  
 of Experimental Trichiniasis in the  
 White Rat

MARJORIE DEAN MITCHELL

B.S. '31, University of Minnesota  
Major, History  
Minor, Education  
Thesis, Clay, Tyler and the Whig  
Coalition

COSETTE LILY MORSE

B.A. '31, University of Minnesota  
Major, English  
Minor, Romance Languages (French)  
Thesis, The Philosophy of Lord  
Chesterfield

JEAN FLORENCE MOSIER

B.A. '20, Macalester College  
Major, English  
Minor, Latin  
Thesis, Daniel Defoe and Charles  
Dickens

JOHN STANLEY NELSON

B.A. '26, Carleton College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Critical Analysis of School  
Building Facilities in Cottonwood  
County, Minnesota

MILO CHAUNCEY NELSON

B.S. '30, University of Minnesota  
Major, Botany  
Minor, Zoology  
Thesis, Studies in the Anatomy of  
Acer glabrum

ERIK IVAN NYLANDER

B.S. '28, University of Minnesota  
Major, German  
Minor, Scandinavian (Swedish)  
Thesis, Goethe's Relation to Art in  
Italy as It Is Portrayed in his  
"Italienische Reise"

JERROLD ORNE

B.A. '32, University of Minnesota  
Major, Romance Languages (French)  
Minor, Romance Languages (Italian)  
Thesis, "Tragic Families" of the  
Seventeenth Century Classic Drama  
in France

CHARLES HENRY RACEY

B.S. '25, University of Minnesota  
Major, English (Literature)  
Minor, English (Composition)  
Thesis, Robert Bloomfield, an Eng-  
lish Peasant Poet of the Early  
Nineteenth Century

EVELYN RASKIN

B.A. '32, Barnard College  
Major, Psychology  
Minor, Educational Psychology  
Thesis, A Comparison of Scientific  
and Literary Ability: A Biograph-  
ical Study of Eminent Scientists  
and Men of Letters of the Nine-  
teenth Century

HENRY DIETRICH REMPEL

B.A. '32, University of Minnesota  
Major, Psychology  
Minor, Educational Psychology  
Thesis, The Relation between Visual  
Acuity and Aptitude Test Per-  
formance

DANIEL NELSON RICE

B.B.A. '30, University of Minnesota  
Major, Economics  
Minor, Agricultural Economics  
Thesis, Advertising Fluctuations in  
Relation to the Business Cycle

HAGBART GOETZ RICE

B.S. '33, University of Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, The Histological Distribution  
of Fat in Certain Organs of the  
Rat During Various Postnatal  
Stages and as Influenced by Diet

ARNOLD ROSENSTEIN

B.Ch.E. '31, University of Minnesota  
Major, Astronomy  
Minor, Physics  
Thesis, A Study of the Proper Mo-  
tions of 1434 Stars within Ten De-  
grees of the South Celestial Pole

ADA DELBERTA ROWELL

B.A. '29, Hamline University  
Major, Latin  
Minor, History  
Thesis, Women in the Letters of  
Pliny

THEODORE NORMAN SAMUELSON

B.A. '23, Gustavus Adolphus College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Status of the Teaching  
Personnel in Four Year High  
Schools Operating in the Smaller  
Communities in Minnesota during  
1931-32

NORMAN DIETRICH SCHOFIELD

B.S. '30, University of Minnesota  
Major, Anatomy  
Minor, Zoology  
Thesis, Changes in the Alimentary  
Canal of the Urodele Produced by  
Pituitary Gland Transplants and  
by Hypophysectomy

ROBERT ERNEST SHEETS

B.A. '26, College of Wooster  
Major, Romance Languages (French)  
Minor, Romance Languages  
(Spanish)  
Thesis, Utopian Ideas in Balzac's  
Early Works

IRVING SPIEGEL

B.A. '32, University of Minnesota  
Major, Romance Languages  
(Spanish)  
Minor, Political Science  
Thesis, The 1511 History of Fernan  
Gonzalez

DOROTHY ELEANOR STEBBINS

B.S. '32, University of Minnesota  
Major, Education  
Minor, Mathematics  
Thesis, A Comparative Study of  
Superior and Average Teachers of  
High School Mathematics

DORIS LUCILLE STIER

B.A. '31, University of Minnesota  
Major, Romance Languages (French)  
Minor, English  
Thesis, The Influence of La Bruy-  
ere's Life on the Additions to the  
*Caracteres*, 1689-1696

CAROLYN NELSON STORLIE

B.A. '20, University of Wisconsin  
Major, English  
Minor, Comparative Literature  
Thesis, A Comparison of the Com-  
edies of George Etherege with  
Those of John Fletcher

ARTHUR CARL STREUFERT

'18, Concordia College (Milwaukee,  
Wisconsin)  
'22, Concordia Theological Seminary  
(St. Louis, Missouri)  
Major, Greek  
Minor, Latin  
Thesis, Retributory Justice in Greek  
Dramatic Poetry

LAWRENCE LEE VANCE

B.B.A. '32, University of Minnesota  
Major, Economics  
Minor, Law  
Thesis, An Examination of Con-  
vertible Bonds Outstanding in 1932

VIRGIL ROY WALKER

B.S. '28, University of Minnesota  
Major, Educational Administration  
Minor, Economics  
Thesis, An Analysis of Arithmetic  
Abilities of Elementary School  
Children

GERTRUDE WARD

B.A. '32, Mount Holyoke College  
Major, Economic History  
Minor, Canadian History  
Thesis, The Education of Factory  
Child Workers 1833-1850: A Study  
of the Effects of the Education  
Clauses in the Factory Act of 1833

SHIRLEY FANITA WARNER

B.A. '30, University of Minnesota  
Major, Comparative Literature  
Minor, English  
Thesis, Robin Hood

HELEN AGNES WEBSTER

B.A. '32, University of Minnesota  
Major, Psychology  
Minor, Educational Psychology  
Thesis, The Influence of Type Face  
and Paper Surface on the Legibil-  
ity of Print

PAUL ASHWORTH WELD

B.A. '21, Hamline University  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Pupil Failure in Arithmetic  
in the Elementary Public Schools  
of Hibbing, Minnesota

## MASTERS OF SCIENCE

ROBERT THEODORE ANDERSON

B.S. '30, University of Minnesota  
Major, Forestry  
Minors, Biometry and Mathematics  
Thesis, A Multiple Curvilinear Cor-  
relation Analysis of the Diameter  
Growth of White Pine in the Lake  
States

LOWELL WALTER ARNOLD

E.M. '27, University of Minnesota  
Major, Metallography  
Minor, Geology  
Thesis, Endurance Testing of Strip  
Materials by Inverse Flexure

ERDMAN BRAUN

B.S.A. '28, University of Manitoba  
Major, Entomology  
Minor, Biochemistry  
Thesis, The Morphology and His-  
tology of the Glands Associated  
with the Sting of the Honeybee

LINWOOD J. BRIGHTBILL

B.Arch.Eng. '31, University of Min-  
nesota  
Major, Physics  
Minor, Mathematics  
Thesis, The Design of an Acoustical  
Laboratory

WILLIAM DWIGHT BUCHANAN

B.A. '25, University of California  
Major, Entomology  
Minor, Plant Pathology  
Thesis, An Investigation on the Com-  
mon Greenhouse Thrips as a Vector  
of Two Bacterial Pathogenes  
(*Phytomonas phaseoli* (E.F.S.)  
Bergey et al) (*Phytomonas medi-  
caginis* v. *phaseolicola*, Burk.) of  
the Bean

MARION JANE CHINN

B.S. '26, Rockford College  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, A Study of Silk Weighting

JOHN GORDON CHURCHWARD

B.Sc.Agr. '27, University of Sydney  
Major, Plant Pathology  
Minor, Plant Genetics  
Thesis, Pathologic and Genetic Stud-  
ies on *Tilletia tritici* (Bjerk.)  
Winter

SPENCER BOYD CLELAND

B.S. '14, University of Minnesota  
Major, Agricultural Economics  
Minor, General Economics  
Thesis, Production Factors and  
Standards for Minnesota Agriculture

ANTHONY ORVILLE DAHL

B.S. '32, University of Minnesota  
Major, Botany  
Minor, Plant Genetics  
Thesis, A Study on Air Analysis in  
Relation to Hay Fever Pollen in  
Minneapolis

RAYMOND STARR DUNHAM

B.S. '14, University of Illinois  
Major, Agronomy  
Minor, Plant Physiology  
Thesis, Sweet Clover in the Red  
River Valley. An Experimental  
Study of Methods of Sowing,  
Root and Top Development, and  
Types and Varieties

BENNETT STANLEY ELLEFSON

B.A. '32, St. Olaf College  
Major, Physical Chemistry  
Minor, Inorganic Chemistry  
Thesis, Crystal Structures and Ex-  
pansion Anomalies of MnO, MnS,  
FeO and Fe<sub>2</sub>O<sub>4</sub> between 100° K.  
and 200° K.

THOMAS WILLIAM GRAHAM

B.S. '31, University of Louisiana  
Major, Plant Pathology  
Minor, Botany  
Thesis, The Parasitism of *Helmin-  
thosporium gramineum* Rab.

GEORGE EDWIN HAFSTAD

B.S. '30, University of Minnesota  
Major, Plant Pathology  
Minor, Botany  
Thesis, The Probable Relation of  
Delayed Segregation to Variation  
in *Ustilago zaeae*. (Beckm) Ung.

ANDROS SCOTT HAMILTON

M.D. '31, Tulane University  
Major, Anatomy  
Minor, Pathology  
Thesis, The Effects of Sodium Bro-  
mide and Other Haloid Salts Upon  
the Weight and Structure of the  
Thyroid Gland in the Albino Rat

RUTH WARREN HARRER

B.S. '22, Montana State College  
Major, Home Economics  
Minor, Child Welfare  
Thesis, A Study of the Effect of  
Coffee on the Nitrogen Balance of  
Young Women

CURTIS ETHAN HOLDRIDGE

B.A. '31, University of Minnesota  
Major, Physiologic Chemistry  
Minor, Physical Chemistry  
Thesis, A Study of the Analysis of  
Iodine in Urine

BERNARD JAMES HUCKENPAHLER

B.S. '31, University of Minnesota  
Major, Entomology  
Minor, Forestry  
Thesis, Tree Injection as a Means  
of Barkbeetle Control

THOMAS P. HUGHES

B.S. '30, University of Minnesota  
Major, Metallography  
Minor, Mechanical Engineering (In-  
dustrial)  
Thesis, A Special Heat Treatment  
for Carbon Steel

ERIC KNEEN

B.Sc. '31, University of Alberta  
Major, Soils  
Minor, Analytical Chemistry  
Thesis, The Organic Matter of Min-  
nesota Soils

- NORA LEONA LARSON  
 B.A. '23, St. Olaf College  
 Major, Bacteriology  
 Minor, Physiologic Chemistry  
 Thesis, A Cultural Study of Streptococci Isolated from the Blood in Cases of Subacute Bacterial Endocarditis
- HORACE ODIN LUND  
 B.A. '31, University of Minnesota  
 Major, Entomology  
 Minor, Biochemistry  
 Thesis, The Effects of Certain Constant Conditions of Temperature and Humidity Upon the Development, Sex Ratio, and Mortality of Two Races of *Trichogramma minutum* Riley. (Hymenoptera, Chalcididae)
- BYRON ORVILLE MATE  
 B.S. '31, Michigan State College  
 Major, Physical Chemistry  
 Minor, Organic Chemistry  
 Thesis, The Chlorination of Chloroform and of Methylene Chloride
- ROY HENRY NAGEL  
 B.A. '31, University of Minnesota  
 Major, Entomology  
 Minor, Biochemistry  
 Thesis, The Lethal Effect of Low Temperatures on all Stages of the Confused Flour Beetle, *Tribolium Confusum* Duval
- ROBERT BERNARD RADL  
 B.S. '22, M.D. '25, University of Minnesota  
 Major, Preventive Medicine and Public Health  
 Minor, Internal Medicine  
 Thesis, Sanitary Survey of the Minnesota General Hospital
- MAURICE EARL STANSBY  
 B.Ch. '30, University of Minnesota  
 Major, Analytical Chemistry  
 Minor, Physical Chemistry  
 Thesis, The Detection and Determination of Small Quantities of Fluorine
- WEBSTER NOAH STERBA  
 B.S. '31, University of Minnesota  
 Major, Forestry  
 Minor, Economic Zoology  
 Thesis, A Study of the Character and Quantity of Undergrowth Found in the Major Forest Types on the Cloquet Forest
- LLOYD ROBERT STURGEON  
 B.M.E. '32, University of Minnesota  
 Major, Metallurgy  
 Minor, Mechanical Engineering (Heating and Ventilating)  
 Thesis, The Abrasive Resistance of Steels
- HAROLD ARTHUR SWANSON  
 B.A. '30, Macalester College  
 Major, General Geology  
 Minor, Economic Geology  
 Thesis, Hydrothermal Alteration of Feldspar
- WILLIAM VON FISCHER  
 B.Ch. '32, University of Minnesota  
 Major, Analytical Chemistry  
 Minor, Physical Chemistry  
 Thesis, The Adsorption of Wool Violet on Lead Sulfate
- HERBERT WALD  
 B.S. '30, University of Chicago  
 Major, Anatomy  
 Minor, Educational Psychology  
 Thesis, Physical Efficiency Tests and the Differences Produced in Physical Efficiency by Physical Education and Training

RALPH OTTO WEBER  
B.A. '32, University of Minnesota  
Major, Bacteriology  
Minor, Zoology  
Thesis, Studies on Certain Organ-  
isms Fattened by Growth on Gly-  
cerol Media

## MASTERS OF SCIENCE

### *In Psychometrics*

MARION FRANCES GREENHAM	ETHLYN VIRGINIA HURD
B.A. '31, University of Minnesota	B.A. '32, University of Utah
Major, Psychometrics	Major, Psychometrics
Minor, Educational Psychology	Minor, Educational Psychology
Thesis, The Relationship between Age at Onset of Puberty and Various Psychological Factors	Thesis, A Comparative Study of Normal and Subnormal Boys in the O'Connor Finger and Tweezer Dexterity Tests

MYRTLE GRACE MAXWELL  
B.A. '32, Macalester College  
Major, Psychometrics  
Minor, Educational Psychology  
Thesis, A Comparison of Normal  
and Subnormal Boys on the Min-  
nesota Rate of Manipulation Test  
and the Crockett Manual Ability  
Test

## MASTER OF SCIENCE

### *In Aeronautical Engineering*

KELYTH GLYNNE JONES  
B.Aero.E. '32, University of Min-  
nesota  
Major, Aeronautical Engineering  
Minor, Metallography  
Thesis, The Effect of Metallic Al-  
loys on Cylinder Liner Wear

## MASTERS OF SCIENCE

### *In Architecture*

JAMES ABELARDO BRUNET

B.Arch. '30, University of Minnesota  
Major, Architecture  
Minor, Architectural Engineering  
Thesis, A Building for a Legitimate  
Theatre

LYELL CARROL HALVERSON

B.Arch. '31, University of Minne-  
sota  
Major, Architecture  
Minor, Architectural Engineering  
Thesis, An Auditorium for a Large  
University

FRANCIS VICTOR GORMAN

B.Arch. '31, University of Minnesota  
Major, Architecture  
Minor, Romance Languages (French)  
Thesis, A Design for a School of  
Architecture and the Allied Arts  
for the University of Minnesota

PAUL MAYNARD HAVENS

B.S. in Arch. '27, University of Min-  
nesota  
Major, Architecture  
Minor, Architectural Engineering  
Thesis, An Analytical Design for a  
Tall Office Building

## MASTERS OF SCIENCE

### *In Architectural Engineering*

HAROLD RANDALL BRYNTESON

B.Arch.E. '32, University of Minne-  
sota  
Major, Mechanical Engineering  
Minor, Architecture  
Thesis, The Amount and Quality of  
Dust in Inhabited Spaces

ARTHUR FERDINAND LINDBERG

B.Arch.E. '30, University of Minne-  
sota  
Major, Mechanical Engineering  
Minor, Electrical Engineering  
Thesis, Design of Air Conditioning  
Equipment for a Typical High  
School

## MASTERS OF SCIENCE

### *In Civil Engineering*

EARL JOHN FELT

B.C.E. '31, University of Minnesota  
Major, Civil Engineering  
Minor, Soils  
Thesis, Frost Heaving of Subgrade  
Soils of Minnesota highways

JOHN E. HOVING

B.S.C.E. '27, University of Minnesota  
Major, Civil Engineering  
Minor, Mathematics and Mechanics  
Thesis, Trends and Tendencies in  
Sewage Treatment and Disposal

FRED CHRISTIAN FREDRICKSON

B.C.E. '29, University of Minnesota  
Major, Civil Engineering (Struc-  
tural)  
Minor, Civil Engineering (Highway)  
Thesis, Design of a Long Span Arch  
Bridge over the Mississippi River  
at Washington Avenue, Minne-  
apolis, Minnesota

SAMUEL PAUL KINGSTON

B.C.E. '29, University of Minnesota  
Major, Civil Engineering (Muni-  
cipal and Sanitary)  
Minor, Civil Engineering (Struc-  
tural)  
Thesis, The Development of Water  
Softening, with Particular Refer-  
ence to Municipal Plant Design



## MASTERS OF SCIENCE

### *In Electrical Engineering*

FRANCIS JULIUS BILTZ

B.E.E. '31, University of Minnesota  
Major, Electrical Engineering  
Minor, Mathematics  
Thesis, Study of the Vibrator Type  
B-Battery Eliminator

EDWARD SCOTT LOYE

B.E.E. '31, University of Minnesota  
Major, Electrical Engineering  
Minor, Mathematics  
Thesis, An Experimental Study of  
the Losses and Constants in a  
Wound-Rotor Induction Motor

ROBERT LYLE WESTBEE

B.E.E. '32, University of Minnesota  
Major, Electrical Engineering  
Minor, Business Administration  
Thesis, Neon Tube Relaxation Oscil-  
lators

## MASTERS OF SCIENCE

### *In Mechanical Engineering*

HAROLD CHRISTIAN HERRMANN

B.M.E. '31, Marquette University  
Major, Mechanical Engineering  
(Heating and Ventilating)  
Minor, Mechanical Engineering (In-  
dustrial)  
Thesis, Effect of Combustion Cham-  
ber Design on the Combined Effi-  
ciency of a Boiler and Oil Burner

ANTON JULIUS SCHWERTFEGER

B.S. '31, Oregon State College  
Major, Mechanical Engineering  
(Heating and Ventilating)  
Minor, Mechanical Engineering (In-  
dustrial)  
Thesis, Thermal Inertia of Building  
Construction

RICHARD CHARLES JORDAN

B.Aero.E. '31, University of Minne-  
sota  
Major, Mechanical Engineering  
Minor, Aeronautical Engineering  
Thesis, Air Diffusion in Ventilation  
Systems

LOUIN TILLER

B.M.E. '29, University of Minnesota  
Major, Mechanical Engineering  
(Heating and Ventilating)  
Minor, Petroleum Engineering  
Thesis, The Effect of Surface Finish  
on the Transfer of Radiant Heat  
at Low Temperatures

CHARLES HENRY PESTERFIELD

B.S.M.E. '31, University of Arkansas  
Major, Mechanical Engineering  
(Heating and Ventilating)  
Minor, Mechanical Engineering (In-  
dustrial)  
Thesis, The Effect of Unburned  
Hydrocarbons on Stack Gas Losses  
in Oil Combustion

WARREN FREDOLPH WESTERBERG

B.S. in M.E. '32, University of Min-  
nesota  
Major, Mechanical Engineering  
(Heating and Ventilating)  
Minor, Mechanical Engineering (In-  
dustrial)  
Thesis, Combustion and Other Fac-  
tors Governing the Efficiency of  
Oil Burners

OSWALD JAMES WIGGINS  
 B.M.E. '31, University of Minnesota  
 Major, Mechanical Engineering  
 (Heating and Ventilating)  
 Minor, Physics  
 Thesis, A Study of the Characteristics of Viscous Coated Air Filters

## MEDICAL SCHOOL

Candidates presented by Richard E. Scammon, Ph.D., Dean of Medical Sciences

Marshals: CHARLES E. McLENNAN      BERNARD M. URENN

## BACHELORS OF MEDICINE

MARVIN EDWARD ADAMS	GEORGE THEODORE LECLERCQ
JOHN CHAPLIN BARTON	CARL JOHN LIND
LEONARD COLEMAN BATE	EDWIN THAYER MAITLAND, B.S.
HARVEY OGDEN BEEK, B.S.	RONALD BURDETTE MERSHON, B.S.
HAROLD GARNER BENJAMIN, B.S.	CHARLOTTE JEAN MORRISON, B.S.
CHARLES JOHN BETLACH	RAYMOND EDWARD MULROONEY, B.S.
WILLIAM RUSSELL BLOMBERG	DONALD EUGENE NEALY
GEORGE BOODY, JR., B.A.	JOHN LAWRENCE NOBLE, B.S.
JOHN G. BOWERS	JOHN WILLIAM O'DONNELL
NORVEL OTTO BRINK, B.S.	JOSEPH FRANK PETERS
HELEN BROCKMAN, B.A.	HAROLD OSCAR PETERSON
ALBERT SINAI BRUSSELL, B.S.	STANLEY CARL PETERSON
BRUCE H. CANFIELD	JOHN BRANSON RILEY
RAUEN A. CURTIS	RALPH X. ROSSEN, B.S.
ROBERTS J. DAVIES	WARD A. RULIEN, B.S.
RAYMOND DARIUS DAVIS, B.S.	PAUL W. SEARLES
WARREN HENRY DIESSNER, B.S.	JULIUS SLOAN, D.D.S.
DANIEL LEO DONOVAN	LOYD ARTHUR SMITH
ROMAN VINCENT FAIT	THORSTEN SMITH, B.S.
BERNARD A. FLESCHÉ, B.A.	CLEMENTINE HELEN SPURZEM
LESLIE WARREN FOKER, B.S. in Ch.E.	ARMER HAROLD STOLPESTAD, B.S.
DELMAR ROBERT GILLESPIE, B.A.	HERBERT LAURITZ STOLPESTAD, B.S.
DONALD LEO GILLESPIE	WILLIAM ALFRED SWEDBERG
RICHARD BENNETT GRAVES	VERNON DUANE THYSSELL
JOHN WILLARD HANSON, B.A.	ANGVALD VICKOREN
EGIL HANSEN, B.S.	MARK PHILLIP VIRNIG
DOUGLAS LEONARD JOHNSON	WILLIAM JOHN WATSON
WILLIAM ROBERT KOSTICK, B.S.	CUTHBERT B. YOUNG
NORBERT J. KULZER	

## DOCTOR OF MEDICINE\*

†with distinction

GEORGE SVERDRUP BERGH, B.S., M.B.

## DOCTORS OF MEDICINE\*

EDWARD REZIN ADDY, B.S., M.B.	RUTH I. LUNDBERG, B.S., M.B.
FRANK CLINTON ANDRUS, B.S., M.B.	CATHERINE MCGREGOR, B.A., M.B.
MILTON MONROE BALCOME, B.A., M.B.	WALLACE ALFRED MERRITT, B.S., M.B.
CLIFTON E. BENSON, B.S., M.B.	RONALD BURDETTE MERSHON, B.S.
REUBEN BERMAN, B.A., M.B.	ROY HENNING NYQUIST, B.S., M.B.
CLIFFORD A. BOLINE, B.S., M.B.	GRANT EDMUND OLSON, B.S., M.B.
CLARK LEON CAIN, B.S., M.B.	KENNETH LLOYD OLSON, B.S., M.B.
ROBERT JOHNSON CAIRNS, B.S., M.B.	DAVID MARCELLUS PARKER, B.S., M.B.
MURIEL VENETIA CLARK, B.S., M.B.	GEORGE ERVING PENN, B.A., M.B.
ELIZABETH LOIS CONFORTH, B.S., M.B.	DONALD LAING PETERSON, B.A., B.S., M.B.
DELL FRED DULLUM, B.S.	JOHN HARTLEY PETERSON, B.S., M.B.
CARL MILTON EKLUND, B.A., M.B.	KARIN AILEEN PETRI, B.S., M.B.
EARL WILLIAM ELLIS, B.S., M.B.	JOHN HARDY RAYMOND, B.S., M.B.
JOSEPH S. EMOND, B.A., B.S., M.B.	ALBERT EUGENE RITT, B.S., M.B.
CYRUS CONRAD ERICKSON, B.S., M.B.	OWEN FRANCIS ROBBINS, B.S., M.B.
GEORGE T. ERICKSON, B.S., M.B.	HELEN LUCILE ROBERTSON, B.A., B.S., M.B.
DAVID MOYLE FLETT, B.A., B.S., M.B.	JOSEPH MILTON ROM, B.A., M.B.
LOUIS LAWRENCE FREIDMAN, B.A., B.S., M.B.	RUSSELL O. SATHER, M.A., M.B.
HAROLD EDWIN GILLESPIE, B.A., B.S., M.B.	HERBERT WILLIAM SCHMIDT, B.A., M.B.
HAROLD ARMAND GREENBERG, B.S., M.B.	REINHARDT LUDWIG SCHMIDTKE, B.S., M.B.
MARGIT HELGA GRYTBAK, B.S., M.B.	JOHN DAVID SILVER, B.A., M.B.
C. GUSTAV HANSON, B.S., M.B.	ELMER MORK SORENSEN, B.A., M.B.
WILLIAM CONGDON HARRISON, B.S., M.B.	ELIOT DAVID SORSKY, B.S., M.B.
ELMER HERMAN HARTUNG, B.S., M.B.	CHARLES DUNCAN STEWART, B.S., M.B.
CLARENCE J. HENRY, B.S., M.B.	JESSE ALTON STOCKER, B.S., M.B.
HERBERT ORLAND HOFF, B.S., M.B.	JAN HENRIK TILLISCH, B.A., M.B.
GEORGE WENDELL HOPKINS, B.S., M.B.	THOMAS GORDON WALKER, B.S., M.B.
LUDOLF JULIUS HOYER, B.S., M.B.	MARTIN OLMSTED WALLACE, B.S., M.B.
HUGO VINCENT HULLERMAN, B.A., M.B.	SIDNEY WILLIAM WATSON, B.S., M.B.
HERBERT P. LENTON, B.S., M.B.	HARRY WEINER, B.S., M.B.
GEORGE LYMAN LOOMIS, B.S., M.B.	HARRY ANDREW WHEELER, JR., B.S.
ROBERT CHESTER LOWE, B.A., M.B.	HYMAN JOSEPH WOLKOFF, B.S., M.B.

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

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

## GRADUATE SCHOOL

Candidates presented by Guy Stanton Ford, Ph.D., LL.D., Dean of the  
Graduate School

Marshals: JAMES KING

EDNA M. NELSON

### MECHANICAL ENGINEER

KNOX ARCHIBALD POWELL

B.S. in M.E. '20, University of Min-  
nesota

Major, Mechanical Engineering

Minor, Mathematics and Mechanics

Thesis, A Study of Corn Planter

Mechanisms with a View to Reduc-  
ing Scatter at High Planting Speeds

### MASTERS OF SCIENCE

#### *In Dermatology and Syphilology*

WILLIAM GEORGE BROCK

B.A. '25, M.D., '30, University of  
Manitoba

Major, Dermatology and Syphilology

Minor, Pathology

Thesis, Dermatomyositis with Special  
Reference to the Differential Diag-  
nosis of Scleroderma

Francis Watson Lynch

B.S. '28, M.D. '30, University of  
Minnesota

Major, Dermatology and Syphilology

Minor, Anatomy

Thesis, Dermatologic Conditions of  
the Fetus

ARNE ELY INGELS

M.D. '22, University of Oslo

Major, Dermatology and Syphilology

Minor, Pathology

Thesis, Epithelioma Adenoides Cystic-  
um Presenting Features of Syring-  
oma and Tricho-epithelioma with  
a Study of Their Relationship

JAMES ROBERT ROGIN

B.A. '26, M.D. '29, University of  
Michigan

Major, Dermatology and Syphilology

Minor, Biophysics

Thesis, Spectrophotometric Analysis  
of the Color of the Skin. I. After  
Ultraviolet Irradiation. II. After  
Ultraviolet Irradiation Preceded by  
Applications of Oil of Bergamot  
and Alcoholic Solution of Oil of  
Bergamot

CARL WARREN LAYMON

B.S. '29, M.D. '31, University of  
Minnesota

Major, Dermatology and Syphilology

Minor, Pathology

Thesis, Culture of the Tubercle Bac-  
illus by the Lowenstein Method

## MASTERS OF SCIENCE

### *In Medicine*

EDMUND HENRY BERGER

B.A. '25, B.S. '25, Linfield College  
M.D. '29, University of Oregon  
Major, Medicine  
Minor, Pathology  
Thesis, A Histopathological Study of Eight Normal and Fourteen Pathological Stomachs, with Special Reference to the Distribution of the Parietal Cells

MARSHALL OVID BOUDRY

B.S. '27, University of Wisconsin  
M.D. '29, University of Illinois  
Major, Medicine  
Minor, Pathology  
Thesis, Non-Specific Ulceration of the Colon

EDMUND FRANCIS CAIN

B.A. '21, Laval University  
M.D. '29, University of Alberta  
Major, Medicine  
Minor, Pathology  
Thesis, An Investigation of the Histological Changes in the Kidneys of a Group of Cases of Diffuse Arterial Disease with Hypertension, Group 4

VERNON LAWRENCE EVANS

B.S. '28, M.D. '30, Loyola University  
Major, Medicine  
Minor, Pathology  
Thesis, Liver Function Tests in Diabetes Mellitus

WILLIAM LADELLE HOWELL

B.A. '24, B.S. '26, Southern Methodist University  
M.D. '28, Baylor University  
Major, Medicine  
Minor, Pathology  
Thesis, A Study of Pain as a Symptom of Syphilitic Aortitis

DONALD LUTHER KEGARIES

B.S. '25, Pennsylvania State College  
M.D. '29, Jefferson Medical College  
Major, Medicine  
Minor, Pathology  
Thesis, The Venous Plexus of the Esophagus: Its Pathological and Clinical Significance

JOHN LANSBURY

M.D., C.M.'26, Queen's University  
Major, Medicine  
Minor, Physiology  
Thesis, Studies on the Effect of Thallium Salts on the Growth of the Flexner-Jobling Carcinoma Transplanted into the White Rat

ROSS MARTIN LYMBURNER

M.D. '29, University of Toronto  
Major, Medicine  
Minor, Pathology  
Thesis, Histopathological and Clinical Study of Four Primary and Fifty-two Secondary Tumors of the Heart

JAMES STUART McQUISTON

B.S. '25, Allegheny College  
M.D. '29, University of Pennsylvania  
Major, Medicine  
Minor, Pathology  
Thesis, The Relationship of Arterial Hypertension and Arterial Hypotension to Surgical Risk

DWIGHT LOCKE WILBUR

B.A. '23, Stanford University  
M.D. '26, University of Pennsylvania  
Major, Medicine  
Minor, Pathology  
Thesis, A Comparative Study of the Glomerulus in Normal and Pathologic Kidneys: Studies in Nephrosis

MASTER OF SCIENCE

*In Obstetrics and Gynecology*

LOUISE MARY PAUL

B.A. '20, Wellesley College

B.S. '23, M.D. '26, University of Minnesota

Major, Obstetrics and Gynecology

Minor, Anatomy

Thesis, An Histochemical Study of the Human Placenta by the Method of Microincineration

MASTER OF SCIENCE

*In Ophthalmology*

EDWARD SANSFIELD MURPHY

M.D. '16, Creighton University

Major, Ophthalmology

Minor, Anatomy

Thesis, An Experimental and Clinical Study of Detachment of the Retina

MASTERS OF SCIENCE

*In Otolaryngology and Rhinology*

GEORGE LUCERNE PATTEE

B.A. '25, M.D. '29, University of Michigan

Major, Otolaryngology and Rhinology  
Minor, Pathology

Thesis, The Relative Value of Various Clinical and Laboratory Methods in the Diagnosis of Chronic Maxillary Sinusitis

NELSON A. YOUNGS

B.S. '29, M.D. '31, University of Minnesota

Major, Otolaryngology and Rhinology  
Minor, Anatomy

Thesis, A Preliminary Study of 300 Pupils in Schools for the Deaf with Special Reference to the Utilization of their Residual Hearing

MASTER OF SCIENCE

*In Pathology*

EDWIN TRUEMAN THORSNESS

M.D. '27, Marquette University

Major, Pathology

Minor, Bacteriology

Thesis, Experimental Abscesses: Their Cytology, Blood, and Lymph Vessel Drainage

## MASTER OF SCIENCE

### *In Pediatrics*

JAMES BENNETT GILLESPIE  
B.S. '27, M.D. '29, University of Iowa  
Major, Pediatrics  
Minor, Pathology  
Thesis, Experiments on the Antibacterial Properties of Various So-Called Urinary Antiseptics

## MASTER OF SCIENCE

### *In Radiology*

EARL ITHIEL LAWRENCE CILLEY  
M.D. '28, University of Michigan  
Major, Radiology  
Minor, Pathology  
Thesis, The Dangers of Fluoroscopic Examination and Protection Against Them

## MASTERS OF SCIENCE

### *In Surgery*

KENT WALKER BARBER B.A. '25, University of Colorado M.D. '28, University of Pennsylvania Major, Surgery Minor, Pathology Thesis, The Pathology of the Diaphragm with a Consideration of Its Pathologic Physiology	FREDERICK RICHARD HARPER B.S. '24, M.A. '26, M.D. '27, University of Michigan Major, Surgery Minor, Physiology Thesis, A Study of the Development, Acidity Changes and Treatment of Experimental Peptic Ulcer
GERALD THOMPSON CHURCH M.D. '27, Syracuse University Major, Surgery Minor, Pathology Thesis, Genital Tuberculosis in the Female	EARL CLIFFORD HENRIKSON B.A. '26, B.S. '27, University of Minnesota M.D. '30, University of Chicago Major, Surgery Minor, Physiology Thesis, Cirrhosis of the Liver with Special Reference to Its Surgical Aspects
HAROLD JOSEPH DVORAK B.S. '23, University of Wisconsin M.D. '25, University of Pennsylvania M.S. '27, Marquette University Major, Surgery Minor, Pathology Thesis, Carcinoma of the Tongue	

PAT RYAN IMES

M.D. '28, University of Louisville  
Major, Surgery  
Minor, Pathology  
Thesis, On the Alkalinity of the  
Douodenum: An Experimental  
Study

CHARLES HENRY MEAD, JR.

B.S. '26, M.A. '27, M.D. '28, Univer-  
sity of Minnesota  
Major, Surgery  
Minor, Anatomy  
Thesis, Mesenteric Lymphadenitis  
Simulating Acute Appendicitis: A  
Quantitative Study of the Size of  
Normal Mesenteric Lymph Nodes

CECIL EDWARD NEWELL

M.D. '28, University of Virginia  
Major, Surgery  
Minor, Pathology  
Thesis, The Use of Theobromine in  
Peripheral Vascular Disease, with  
Observations on Physiological Varia-  
tion in Skin Temperature

## MASTER OF SCIENCE

### *In Experimental Surgery*

SAMUEL GLEN MAJOR

D.D.S. '21, B.S. '23, University of  
Pittsburgh  
M.D. '27, Harvard University  
M.S. in Path. '29, University of Min-  
nesota  
Major, Experimental Surgery  
Minor, Pathology  
Thesis, Effect of Ether, Amytal and  
Epinephrine on Muscle Glycogen

## MASTERS OF SCIENCE

### *In Orthopedic Surgery*

ERNEST ALLAN BRAV

B.A. '24, M.D. '27, University of  
Pennsylvania  
Major, Orthopedic Surgery  
Minor, Pathology  
Thesis, Subchondral Granulation Tis-  
sue in Tuberculosis of the Knee  
Joint

LEWIS MARVIN OVERTON

B.A. '25, Duke University  
M.D. '29, University of Maryland  
Major, Orthopedic Surgery  
Minor, Pathology  
Thesis, Osteochondritis of the Growth  
Centers



## DOCTORS OF PHILOSOPHY

### OLEN LESLIE BACKMAN

B.Sc. '27, University of Saskatchewan  
 Major, Petrology  
 Minor, Economic Geology  
 Thesis, Makamik Area, Abitibi District, Quebec  
 Major Adviser, Prof. F. F. Grout

### RAYBURN HOLMES BAMBERG

B.S. '27, Mississippi A. & M. College  
 M.S. '29, University of Minnesota  
 Major, Plant Pathology  
 Minor, Plant Genetics  
 Thesis, The Black Chaff Disease of Wheat  
 Major Adviser, Prof. E. C. Stakman

### REED OSCAR CHRISTENSON

B.S. '26, Utah Agricultural College  
 M.A. '28, University of Minnesota  
 Major, Zoology (Parasitology)  
 Minor, Entomology  
 Thesis, Studies on the Biology and Epidemiology of *Capillaria Aërophila* (Creplin, 1839), a Parasite of the Respiratory Tract of Foxes and other Carnivores  
 Major Adviser, Prof. Wm. A. Riley

### SAMUEL TODD COULTER

B.S. '25, Oregon State College  
 M.S. '30, University of Minnesota  
 Major, Dairy Husbandry  
 Minor, Agricultural Biochemistry  
 Thesis, The Relation of Silage to the Composition of the Butterfat, Churning Qualities of the Cream and Keeping Qualities of the Butter  
 Major Adviser, Prof. C. H. Eckles

### VERNE CHARLES FRYKLUND

B.A. '23, Colorado Teachers College  
 M.A. '27, University of Missouri  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, The Selection and Training of Modern Factory Workers  
 Major Adviser, Prof. H. J. Smith

### DONALD LEASK FULLER

B.Ch.E. '29, University of Minnesota  
 Major, Physical Chemistry  
 Minors, Mathematics and Physics  
 Thesis, The Solubility of Various Gases in Various Liquids at High Pressures  
 I. The System Hydrogen Chloride-Propane  
 Major Adviser, Prof. George Glockler

### WILLIAM ALBERT GORMAN

B.A. '28, University of Minnesota  
 Major, Economic Geology  
 Minor, Petrography and Metallurgy  
 Thesis, The Geology of the Lower Seine River Area Rainy River District, Ontario  
 Major Adviser, Prof. W. H. Emmons

### ERNEST OLIVER HERREID

B.S. '27, South Dakota State College  
 Major, Dairy Husbandry  
 Minor, Agricultural Biochemistry  
 Thesis, The Microbiology of Cheese-like Flavors in Unsalted Butter  
 Major Adviser, Prof. C. H. Eckles

### OTTO JULIUS HILL

B.S. '23, Washington State College  
 M.S. '30, Pennsylvania State College  
 Major, Dairy Husbandry  
 Minor, Agricultural Biochemistry  
 Thesis, A Study of the Relation of the Feed Consumed by the Cow to the Composition of Milk Fat and the Properties of Butter  
 Major Advisers, Profs. C. H. Eckles and L. S. Palmer

GRACE MARIE HOLMES

B.A. '29, College of St. Catherine  
M.A. '30, University of Minnesota  
Major, Psychology  
Minor, Educational Psychology  
Thesis, A Study in Work Decrement  
Major Advisers, Profs. Edna Heidebreder and J. G. Rockwell

FRANKLIN HAYWARD KNOWER

B.A. '25, Northwestern University  
M.A. '28, Syracuse University  
Major, Psychology  
Minor, Speech  
Thesis, An Experimental Study of the  
Effect of Argument on Changes of  
Attitude  
Major Adviser, Prof. Charles Bird

LLEWELLYN MEALEY HUMPHREY

B.S. '28, M.S. '31, University of  
Minnesota  
Major, Plant Genetics  
Minor, Botany  
Thesis, The Meiotic Divisions of  
Haploid, Diploid and Tetraploid  
Tomatoes with Special Reference  
to the Prophase  
Major Adviser, Prof. H. K. Hayes

PAUL HENRY LANDIS

B.A. '26, Greenville College  
M.A. '27, University of Michigan  
Major, Sociology  
Minor, Psychology  
Thesis, Cultural Change in the Mining  
Town. A Sociological Study of  
Three Mesabi Iron Range Towns:  
Eveleth, Hibbing and Virginia  
Major Adviser, Prof. F. S. Chapin

ROBERT REGESTER HUMPHREY

B.A. '29, M.A. '30, University of  
Minnesota  
Major, Botany (Ecology)  
Minors, Geology and Botany (Taxonomy)  
Thesis, A Study of *Fouquieria Splendens*  
and *Idria Columnaris*  
Major Adviser, Prof. W. S. Cooper

INEZ DORA MASON

B.S. '14, M.S. '22, Northwestern University  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, Studies in the Relative Utilization  
of Biologically Adequate and  
Inadequate Proteins by Animals  
Major Adviser, Prof. L. S. Palmer

STANLEY McAFEE JACKSON

B.S. '29, M.S. '30, University of  
Illinois  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, A Study of the Proteins of  
the Mammary Gland  
Major Adviser, Prof. R. A. Gortner

ALBERT THOMAS MIGHELL

B.S. '22, M.S. '24, Iowa State College  
Major, Agricultural Economics  
Minor, General Economics  
Thesis, The Application of Economic  
Analysis to the Management Problems  
of the Individual Farmer  
Major Adviser, Prof. O. B. Jesness

ERNEST JOSEPH JONES

B.S. '20, Ch.E. '21, University of  
Minnesota  
Major, Physics  
Minor, Physical Chemistry  
Thesis, Positive Ion Excitation of  
Mercury Vapor  
Major Adviser, Prof. J. T. Tate

HERMANN RICHARD MUELDER

B.S. '27, Knox College  
M.A. '28, University of Minnesota  
Major, History  
Minor, English  
Thesis, Jacksonian Democracy in Religious  
Organizations  
Major Adviser, Prof. L. B. Shippee

IVER JOHN NYGARD

B.S. '24, M.S. '26, University of Minnesota

Major, Soils

Minor, Botany

Thesis, The Identification of Lime Deficient Peat Soils in Advance of Field Trials

Major Adviser, Prof. F. J. Alway

LOUIS HARVEY POWELL

B.S. in C.E. '24, University of Minnesota

Major, General Botany

Minor, Botany (Ecology)

Thesis, A Study of the Ozarkian Faunas of Southeastern Minnesota

Major Adviser, Prof. C. R. Stauffer

JOHN REHNER, JR.

B.S.E. '29, M.A. '30, University of Missouri

Major, Physical Chemistry

Minor, Physics

Thesis, The Activity of Silver Acetate and Similar Salts in the Presence of Electrolytes

Major Adviser, Prof. F. H. MacDougall

CHARLES PARKER ROE

B.Ch. '29, University of Minnesota

Major, Physical Chemistry

Minor, Mathematics and Physics

Thesis, The Solubilities of Various Gases in Various Liquids at High Pressures

II. The System Hydrogen Chloride-Krypton

Major Adviser, Prof. George Glockler

ERICH CHRISTIAN SELKE

B.A. '16, M.A. '22, University of Minnesota

Major, Educational Administration

Minor, Educational Psychology

Thesis, An Analysis and Evaluation of the Courses in Elementary School Supervision Offered in Colleges, Normal Schools and Universities

Major Adviser, Prof. L. J. Brueckner

CHESTER HINES SHIFLETT

B.A. '21, Kingfisher College

M.A. '23, Clark University

Major, Physical Chemistry

Minor, Inorganic Chemistry

Thesis, The Temperature Coefficient of the Combination of Hydrogen and Oxygen under Alpha Radiation

Major Adviser, Prof. S. C. Lind

MARVIN ANDREW SPIELMAN

B.S. '29, North Dakota Agricultural College

Major, Organic Chemistry

Minor, Agricultural Biochemistry

Thesis, A Study of the Molecular Rearrangements of the Alpha, Beta-Unsaturated Ethers

Major Adviser, Prof. W. M. Lauer

VERNON ARTHUR STENGER

B.S.Ch.E. '29, M.S. '30, University of Denver

Major, Analytical Chemistry

Minor, Physical Chemistry

Thesis, The Adsorption of Cations from Ammoniacal Solutions by Silica Gel

Major Adviser, Prof. I. M. Kolthoff

FRANK HAROLD STODOLA

B.S. Ch.E. '28, University of Minnesota

Major, Organic Chemistry

Minor, Physical Chemistry

Thesis, The Addition of Bromide to Pentene-2

Major Adviser, Prof. W. M. Lauer

JAMES MUNDAY WALTER, JR.

B.S. '28, University of Kentucky

M.S. '31, University of Minnesota

Major, Plant Pathology

Minor, Plant Genetics

Thesis, Some Factors Influencing the Development of Corn Smut, *Ustilago Zeae* (Begem.) Unger

Major Adviser, Prof. E. B. Stakman

CORNELIA DECAMP TAYLOR

B.A. '29, M.A. '30, University of Minnesota

Major, Psychology

Minor, Child Welfare

Thesis, The Legibility of Black and White Print

Major Adviser, Prof. M. A. Tinker

WILFRED WOLF WETZEL

B.A. '28, University of Minnesota

Major, Physics

Minor, Mathematics

Thesis, The Quantum Mechanical Effective Cross Section for Ionization of Helium by Electron Impact

Major Adviser, Prof. J. T. Tate

FRANKLIN GERHARD WALLACE

B.A. '28, Carleton College

M.A. '30, University of Minnesota

Major, Zoology

Minor, Bacteriology

Thesis, A Morphological and Biological Study of the Trematode, *Sellacotyle Mustelae*, N.G.N.Sp.

Major Adviser, Prof. W. A. Riley

AUGUST WILLMAN

B.A. '16, Reed College

M.A. '27, University of Minnesota

Major, Analytical Chemistry

Minor, Physical Chemistry

Thesis, Glacial Acetic Acid as a Solvent for Acids and Bases

Major Adviser, Prof. I. M. Kolthoff

JOHN LEWIS WILSON

B.A. '20, B.S. '25, Jamestown College

M.A. '24, University of Michigan

M.S. '27, University of Oregon

Major, Physical Chemistry

Minor, Physics

Thesis, The Activation of Molecular Oxygen by Electron Impact

Major Adviser, Prof. George Glockler

## DOCTORS OF PHILOSOPHY

### *In Surgery*

ORWOOD JACKSON CAMPBELL

B.S. '20, University of Chicago

M.D. '22, Rush Medical College

Major, Surgery

Minor, Pathology

Thesis, The Relationship between  
Cystic Disease of the Breast and  
Cancer

Major Adviser, Dr. O. H. Wangen-  
steen

KENNETH BITNER CASTLETON

B.A. '23, University of Utah

M.D. '27, University of Pennsylvania

Major, Surgery

Minor, Pathology

Thesis, An Experimental Study of  
Movements of the Small Intestine

Major Advisers, Drs. D. C. Balfour  
and F. C. Mann

NATHANIEL LOGAN LEVEN

B.A. '23, Macalester College

M.D. '28, University of Minnesota

Major, Surgery

Minor, Physiology

Thesis, A Quantitative Study of the  
Growth of the Normal Palate and  
the Effect of Operations for Cor-  
rection of the Grossly Malde-  
veloped Palate

Major Adviser, Dr. W. T. Peyton

## DOCTOR OF PHILOSOPHY

### *In Experimental Surgery*

PATRICK PIH TSANG WU

M.D. '28, University of Virginia

M.S. in Exper.Surg. '32, University  
of Minnesota

Major, Experimental Surgery

Minor, Pathology

Thesis, Histologic Studies of Auto-  
genous and Homogenous Kidney  
Transplants

Major Adviser, Dr. F. C. Mann

# HONORS AND PRIZES

## HONORS

### SIGMA XI

ROBERT ANDERSON	ERIC KNEEN
O. L. BACKMAN	FRANKLIN H. KNOWER
RALPH N. BAILLIF	RAPHAEL J. KOFF
RAYBURN H. BAMBERG	ROBERT M. LANDER
PAUL D. BARTLETT	RAYMOND HORACE LONDON
JOHN CHAPLIN BARTON	M. G. LARIAN
HARLAN BERGQUIST	N. LOGAN LEVEN
FREDERICK CARL BEYER	ORIN M. LOFTHUS
CARL BORGESON	HORACE LUND
WILLIAM REDMAN BROWN	FRANCIS W. LYNCH
HERBERT A. CARLSON	ELEANOR H. MANN
J. ROSS CAVERS	HENRY E. MICHELSON
J. G. CHURCHWARD	ELMER S. MILLER
L. WALLACE CORNELL	WILLIAM J. MITCHELL
SAMUEL TODD COULTER	EARLE C. MURDOCH
A. ORVILLE DAHL	ROY H. NAGEL
GEORGE MICHAEL DECHERD, JR.	LEON NERGAARD
R. S. DUNHAM	GEORGE NOPONEN
HAROLD J. DVORAK	EDWIN OBERG
BENNETT S. ELLEFSON	ABE PEPINSKY
RALPH V. ELLIS	CHARLES H. PESTERFIELD
M. H. FROHBERG	LOUIS POWELL
DONALD L. FULLER	O. SAMUEL RANDALL
ARTHUR J. GATZ	HOBART A. REIMANN
ROBERT GLEN	HAGBART G. RICE
KARL J. GOLDNER	CHARLES P. ROE
W. A. GORMAN	NORMAN D. SCHOFIELD
THOMAS W. GRAHAM	ANTON SCHWERTFEGER
ANDROS SCOTT HAMILTON	CHESTER H. SHIFLETT
EARL C. HENRIKSON	MAURICE E. STANSBY
ERNEST O. HERREID	FRANK H. STODOLA
HAROLD C. HERRMANN	BETTY SULLIVAN
O. J. HILL	STANLEY SUNDEEN
GRACE M. HOLMES	WILLIAM VON FISCHER
LLEWELLYN MEALY HUMPHREY	HERBERT WALD
STANLEY MCAFEE JACKSON	S. A. WEISMAN
P. E. JERABEK	OSWALD JAMES WIGGINS
RICHARD C. JORDAN	AUGUST WILLMAN
M. N. KAMAT	LAURENCE M. WINTERS
ARTHUR CARL KERKHOF	OTTO R. YOUNGE
ARTHUR KIRSCHBAUM	

## SCHOLARSHIPS

### THE P. E. O. SCHOLARSHIP

RUTH GRUVER

### WOMEN'S SELF GOVERNMENT ASSOCIATION SCHOLARSHIPS

PHYLLIS BARNARD  
FLORENCE BILLING  
AUDREY HANSON  
MARGARET KLINE  
PATRICIA MARTENS  
SADIE NELSON

ENID PEARCE  
VIRGINIA SCHWARTING  
DORIS M. SMITH  
GERTRUDE WILLARD  
GRACE ZSCHIESCHE

### MINNEAPOLIS COLLEGE WOMEN'S CLUB SCHOLARSHIP

ADELLA MAE CLARK

### MU PHI EPSILON SCHOLARSHIP

ELIZABETH G. SMITH

### THE JOHNSON FOUNDATION SCHOLARSHIPS

DORIS E. BLOMQUIST  
MARGARET DAY  
EDNA NELSON

WILLIAM R. SEARS  
CHARLOTTE YOUNG

## PRIZES

### THOMAS F. ANDREWS UNDERGRADUATE RESEARCH PRIZE

ROSS AIKEN GORTNER, JR.

### LUDDEN PRIZES

#### *First Prize*

LESLIE A. GRANT

#### *Second Prize*

DONALD RIVERS

#### *Third Prize*

SHIRLEY PRATT

DEGREES CONFERRED JULY 23, 1932

THE COLLEGE OF SCIENCE, LITERATURE,  
AND THE ARTS

BACHELORS OF ARTS

*cum laude*

A. CARL MAURITZ AHLEN                      JOSEPH S. FLORES  
MILDRED MARY McWILLIAMS

BACHELORS OF ARTS

ELEANOR HARRIET ANDERSEN	JUDITH LLOYD JONES
JOE BERGER	ROBERT WELLS KLINGEL
WILLIAM CHARLES BLETHEN	DOROTHYBELLE MCCREE
JAMES EVAN CARR, LL.B.	HELEN ELIZABETH NIELSEN
GEORGIA DANIEL	THEODORE PFEIFFER
JAMES R. F. ECKMAN	JOHN CHADBURN STICKNEY
WINSTON A. ELKINS	MINNIE RODAH SARAH VALENTINE
FRANCISCO E. GONZALES	WILLIAMSON
HENRY J. GREENE	

BACHELORS OF SCIENCE

PHYLLIS BESKIN	JANET MERRIMAN KREIDLER
EDITH MAE BRAINARD, B.A., M.A.	MARIE ANN SCHMITT
	GRACE BERGQUIST SWANSON

THE COLLEGE OF ENGINEERING AND ARCHITECTURE

BACHELORS OF AERONAUTICAL ENGINEERING

JOHN FRANCIS BURKE	KELYTH GLYNNE JONES
--------------------	---------------------

BACHELORS OF ARCHITECTURAL ENGINEERING

ADOLPH EDWIN ERICSON	RICHARD CORNELIUS ROBINSON
----------------------	----------------------------

BACHELORS OF CIVIL ENGINEERING

KENNETH E. BENSON	ROGER BRYAND HOOPER
-------------------	---------------------



BACHELORS OF ELECTRICAL ENGINEERING

KARL HENRY BRUSCKE  
STEVE GADLER

CLIFFORD J. HAUGE  
ROBERT MAURICE LOMMEN  
SCOTT J. McDERMOTT

THE SCHOOL OF CHEMISTRY  
BACHELORS OF CHEMICAL ENGINEERING

AMBROSE LEON HOFFMAN  
CHARLES KENNETH KNOX

CECIL CLIFFORD MARCH  
GEORGE S. MICHAELSEN

THE COLLEGE OF AGRICULTURE, FORESTRY,  
AND HOME ECONOMICS  
BACHELORS OF SCIENCE

*(Course in Agriculture)*

DANIEL ELLSWORTH BRADY

JOHN EDWARD GODDEN

*(Course in Forestry)*

HERMAN FRANKLIN OLSON

*(Course in Home Economics)*

DOROTHY SUTTON DOW  
MARY BETTY ELDER  
THEON ESTELLE HALVERSON

MIRIAM E. MULLINS  
VIRGINIA JAMISON PETERS  
HELEN CAROLYN ROSE

THE MEDICAL SCHOOL  
BACHELOR OF SCIENCE

ROY ALBERT HOFFMAN, B.A.

THE SCHOOL OF MINES AND METALLURGY  
ENGINEER OF MINES

*In Geology*

DONALD F. FISCHER

THE COLLEGE OF EDUCATION  
BACHELORS OF SCIENCE

*with high distinction*

WILLIAM EDGAR HOLDRIDGE

ELLEN HUGHES  
MAUDE LAURA HULCE

## BACHELORS OF SCIENCE

*with distinction*

LUCILE MAY ARMSTRONG	GEORGE LEEBL
EDNA CHRISTENSON	ELLEN MEHALEK
ALICE SHULTES CORNEVEAUX	BLANCHE L. MERRILL
ANN STUDD COVART	JEAN BAXTER SMITH
NORA F. HANSEN	HELEN URQUHART
KENNETH LLEWELLYN JULSON	BEULAH H. WALLAR
ROSE BEATRICE WEIDNER	

## BACHELORS OF SCIENCE

O. HENRY ANDERSON	ELIZABETH MARION JAMES
FLORENCE ROSALIN BECK	GEORGE W. JANKE
RICHARD LOUIS BENESH	GEORGE A. KAKELA
MARGERY FRANCES BERENS	ELIZABETH ISLER KITTS
AGNES O. BERGLAND	ALBIN GEORGE KREZOWSKI
CHESTER A. BISEL	FLORENCE ELLA LEITZ
LILLIE A. BLAIR	SELMA S. LINDBERG
SIGURD STEWART BOCKMAN	KATHERINE SERENE LOBERG
DOROTHY E. BOWENS	LUELLA BELLE MCGOVERN
HAZEL B. BROWN	ELIZABETH MARY NEWTON
MYRTLE SHERMAN BUZZELLE	GUNHILD PAULSON
HAROLD E. CLOUTIER	CARL ELMER PETERSON
MARGARET E. COLLINS	BESSIE ANN RAY
AUGUSTA ALVIDA DAUM	RUTH M. ROSENBERGER
HERBERT PAUL DUBKE	RICHARD JOHN SABIN
THOMAS RUDOLPH GILSDORF	BERGIT SAMUELSON
FRANK J. GOODRICH	PERRY JAMES SANDELL
ELISABETH B. GOVE	CHARLES W. SELDEN
ANNA HELEN GUTHORSEN	CLARA E. SIMON
LUCILE ELIZABETH HALL	KATHERINE AGNES SLINEY
MABEL HAMMOND	OLIVE K. SPRESTER
ANNA VICTORIA HAWKINSON	CLINTON WHEELER SYMONDS
WILLIAM DEMING HEDBACK	RUTH E. TEMPLIN
LOUISE HILDER	ELLEN LUCRETIA WILLIAMSON
RACHEL I. HORNING	AGNES HILL WILSON, B.A.
MARY LILLIAN HURLEY	SYBIL M. YATES
MARGARET ARLINE JACKSON	ANNE ZAKULA

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

### BACHELOR OF SCIENCE

*with distinction*

*(Course in Home Economics)*

ELVERA MILDRED CARLSON

## BACHELORS OF SCIENCE

*(Course in Home Economics)*

MARGARET LOUISE HARTMANN  
CAROL LARUE KESLER  
VALBORG LUCILLE PETERSON

LOLA RUNCK  
MILDRED STENSWICK  
RUTH M. WOOLERY

## THE SCHOOL OF BUSINESS ADMINISTRATION

### BACHELORS OF BUSINESS ADMINISTRATION

KERMIT BIERKAMP  
FRED JAMES COOK  
STANFORD DONALD LOHMANN  
JOHN J. MACKEY, JR.  
HARRY JOSEPH MEADE

WILLIAM S. MERSKY  
WARREN FREDERIC PARSONS  
WILLIAM CHARLES ROBINSON  
ALBERT L. RUUD  
GEORGE LEE SMITH

## UNIVERSITY COLLEGE

### BACHELOR OF ARTS

*with distinction*

HARRIET LABE GOLDBERG, LL.B.

## THE COLLEGE OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

ALFRED MACDONALD SMITH  
MILO JOHN VLASAK  
ROBERT JAMES WALLACE

## THE LAW SCHOOL

### BACHELORS OF LAWS

AUSTIN DRUM NORTON  
JAMES DOUGLAS THOMPSON, B.A.

## GRADUATE SCHOOL

### MASTERS OF ARTS

HERMAN CARLTON ARNESON  
B.A. '30, Northland College  
Major, Zoology  
Minor, Entomology  
Thesis, *Trianaophorus Tapeworms of Fishes*

MARJORY WHITNEY BAILEY  
B.A. '30, Ohio Wesleyan University  
Major, Child Welfare  
Minor, Psychology  
Thesis, *A Scale of Block Constructions for Young Children*

MILDRED CECELIA BAKKE

B.S. '31, University of Minnesota  
Major, Comparative Literature  
Minor, English  
Thesis, A Comparison of Dorothy Richardson and Virginia Woolf as Novelists

BETTY BAUER

B.A. '31, Vassar College  
Major, Political Science  
Minor, Economics  
Thesis, Model County Budgets for Minnesota

FRANCIS ELMER BENZ

B.A. '21, College of St. Thomas  
Major, Journalism  
Minor, Comparative Literature  
Thesis, A History of Tabloid Journalism and Its Recent Development

MAURINE BOIE

B.S. '27, University of Minnesota  
Major, Sociology  
Minor, Comparative Literature  
Thesis, A Study of Conflict and Accommodation in Negro-White Relations in the Twin Cities

MARY MEDA BURKE

B.A. '30, University of Minnesota  
Major, English  
Minor, French  
Thesis, Realism in the Religious Drama of Medieval England

CLARENCE JOHANNES CARLSEN

B.A. '15, Augsburg College  
Major, History  
Minor, Philosophy  
Thesis, Elling Eielsen, Pioneer Lay-P preacher and First Norwegian Lutheran Pastor in America

CARL EMMANUEL CARLSON

B.A. '27, University of Alberta  
Major, History  
Minor, Political Science  
Thesis, The Question of the Succession during the Reign of Queen Elizabeth

CHARLES JOHN DALTHORP

B.S. '20, South Dakota State College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A School Building Survey for Aberdeen, South Dakota

HELEN CLEVELAND DAWE

B.A. '31, Smith College  
Major, Child Welfare  
Minor, Psychology  
Thesis, An Analysis of Two Hundred Quarrels of Preschool Children

BESS RAISEL DWORSKY

B.A. '29, University of Minnesota  
Major, English  
Minor, Philosophy  
Thesis, The Attitudes of Edwin Arlington Robinson and Certain Similar Ideas Expressed in His Poetry and the Poetry of Robert Browning

JOHN A. FAGERENG

B.A. '21, Concordia College  
Major, Sociology  
Minor, History  
Thesis, Norwegian Social and Cultural Life in Minnesota, 1868-1891; an Analysis of Typical Norwegian Newspapers

JOHN SAUNDERS FITCH

B.S. '32, University of Minnesota  
Major, English  
Minor, Comparative Literature  
Thesis, The Mingling of Classical and Romantic in Byron's Preferences and Poetry

- MARY BELLE FOGG  
 B.A. '18, Grinnell College  
 Major, Education  
 Minor, Psychology  
 Thesis, The Business Girls' Secretaryship: Suggestions for Specific Training
- LEIF SVERNE HARBO  
 B.A. '18, Augsburg College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, An Intensive Study of the Organization and Administration of the Parkers Prairie Public School
- KOPPLE CLAYTON FRIEDMAN  
 B.S. '31, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Relation of Certain Factors to Achievement in College Social Studies and History
- AUSTIN F. HENSCHEL  
 B.S. '29, University of Minnesota  
 Major, Zoology  
 Minor, Entomology  
 Thesis, The Histogenesis of Striated Muscle in the Oesophagus of the Pig Embryo
- ELISE HART GREEN  
 B.A. '31, McGill University  
 Major, Child Welfare  
 Minor, Psychology  
 Thesis, Friendships and Quarrels among Preschool Children
- SIGFRED LEONARD LUNDHOLM  
 B.A. '17, Gustavus Adolphus  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, Banking in the School Curriculum
- WILTON BERNARD GUNDLACH  
 B.A. '22, Macalester College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Ability of High School Pupils in Common Fractions
- MARY SOPHIA MEIGHEN  
 B.S. '30, University of Minnesota  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, An Informational Unit on Barter and Primitive Money
- MARION ETHEL HAIGH  
 B.A. '21, Macalester College  
 Major, English  
 Minor, Comparative Literature  
 Thesis, The Romantic Tendencies in the Works of Joseph Addison
- SOPHIA MIRVISS  
 B.A. '31, University of Minnesota  
 Major, Psychology  
 Minor, Zoology  
 Thesis, The Relation of Blood Sugar Level to Spontaneous Activity in Rats
- HARRY ALBERT HANSON  
 B.S. '26, University of Washington  
 Major, Zoology  
 Minor, Bacteriology  
 Thesis, A Study of Winter Conditions and the Effect on Fish Life in Certain Minnesota Lakes
- MARGARETE EMILIE MUSSGANG  
 B.S. '27, University of Minnesota  
 Major, German  
 Minor, English  
 Thesis, Literary Interests of the Germans of St. Paul from 1855 to 1870

RICHARD HUBBELL OLMSTED

B.A. '22, University of Minnesota  
Major, Spanish  
Minor, French  
Thesis, The Historic Figure, Don Juan de Austria, as Revealed by the Spanish Dramatists of the Golden Century

FRANCIS GORDON SCHOFF

B.A. '27, University of Minnesota  
Major, English  
Minor, French  
Thesis, The Achievements of Richardson Involving the Correction of Certain Established Critical Fallacies

DEFORREST AÜBERG OLSON

B.S. '30, University of Minnesota  
Major, Zoology  
Minor, Anatomy  
Thesis, The Inheritance of Syndactyly (Zygodactyly) in Man

EDITH PENNELL TAYLOR

B.A. '22, University of California  
Major, German  
Minor, English  
Thesis, Medieval Dualism in Wolfram von Eschenbach's *Parzival*

MARJORIE LOU PAGE

B.A. '31, University of Minnesota  
Major, Child Welfare  
Minor, Psychology  
Thesis, The Mechanical Ability of Subnormal Boys: a New Tracing Test

CHARLES SAMUEL WINNER

B.S. '28, South Dakota State College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Analysis of Certain Practices of Child Accounting in South Dakota Public Schools

LILLIAN POYNTZ

B.A. '31, Randolph-Macon Woman's College  
Major, Child Welfare  
Minor, Psychology  
Thesis, The Efficacy of Auditory and Visual Distractions for Pre-school Children

MARVEL GRACE WOOLDRIF

B.S. '28, University of Minnesota  
Major, Latin  
Minor, Education  
Thesis, Cicero's Reconciliation of the Conflict of Moral Rectitude and Expediency

JAMES VERNER YAUKEY

B.A. '25, University of South Dakota  
Major, Education  
Minor, Economics  
Thesis, A Comparative and Critical Study of the Secondary School Standards of Regional Accrediting Associations

## MASTERS OF SCIENCE

CARL BORGESON

B.S. '30, University of Minnesota  
Major, Agronomy  
Minor, Plant Pathology  
Thesis, Inherited Factors Affecting  
Yield in Hard Red Spring Wheat

GUSTAF MAGNUS CARLSON

E.M. '31, University of Minnesota  
Major, Petrography  
Minor, Geology (Economic)  
Thesis, Applications of the Micro-  
scope to Ore Testing with Special  
Reference to a Butte Ore

YU-JEN LIAO

B.S. '25, National University of  
Peking  
Major, Geology (Economic)  
Minor, Geology (Mineralogy)  
Thesis, Metalliferous Deposits of  
China

GEORGE HENRY LYNCH

B.S. '30, University of Minnesota  
Major, Preventive Medicine and  
Public Health  
Minor, Physiology  
Thesis, A Study of Male Students at  
St. Cloud State Teachers Col-  
lege; Correlation of Strength, Body  
Build, Weight, and Intellectual and  
Athletic Achievement

BERTHA BOWMAN PETERSON

B.S. '26, University of Manitoba  
Major, Home Economics  
Minor, Sociology  
Thesis, A Survey of Home Eco-  
nomics in Schools for the Deaf;  
and of the Marital and Occupa-  
tional Status of Their Alumnae,  
with a View to Curricula Develop-  
ment

## MASTERS OF SCIENCE

### *In Chemical Engineering*

ADOLPH JOSEPH BEBER

B.S. '30, Montana State College  
Major, Chemical Engineering  
Minor, Analytical Chemistry  
Thesis, Copper and Brass Plating  
from Ammoniacal Solutions Not  
Containing Cyanide

FREDERICK CARL BEYER

B.Ch.E. '30, University of Minnesota  
Major, Chemical Engineering  
Minor, Physical Chemistry  
Thesis, A Study of Stirrer Perform-  
ance

RAY BRUCHMAN WAKEFIELD

B.Ch.E. '31, University of Minnesota  
Major, Chemical Engineering  
Minor, Bacteriology  
Thesis, A Study of the Action of  
Alcohols on Metals and Alloys

## MASTER OF SCIENCE

### *In Civil Engineering*

GORDON HOPE THOMSON  
B.S. '30, Texas Technological College  
Major, Civil Engineering (Structural)  
Minor, Geology  
Thesis, Slope Deflection Analysis Applied to Curved Members with Special Reference to Multiple Span Arches on Elastic Piers

## MASTERS OF SCIENCE

### *In Mechanical Engineering*

EUGENE FIELD DAWSON	WILLIAM WELDIN MARTENIS
B.M.E. '21, Ohio State University	B.M.E. '30, University of Minnesota
Major, Mechanical Engineering	Major, Mechanical Engineering
Minor, Mathematics	Minor, Mathematics and Mechanics
Thesis, Performance Tests of a Steam-Generating Unit Using Natural Gas as Fuel	Thesis, The Relative Merits of Industrial Floorings

## MASTERS OF SCIENCE

### *In Radiology*

FRED HENRY DECKER	MILO TRUMAN HARRIS
B.A. '21, Hope College	M.D. '28, University of Texas
M.D. '27, Rush Medical College	Major, Radiology
Major, Radiology	Minor, Pathology
Minor, Pathology	Thesis, The Spectrophotometric Analysis of the Color of the Skin Following Irradiation by Roentgen Rays
Thesis, Leukopenia and Leukocytosis in Lymphoblastoma; Their Reaction to Roentgen Therapy	

## MASTER OF SCIENCE

### *In Surgery*

GEORGE WILLOUGHBY STEPHENSON  
B.A. '24, Swarthmore College  
M.D. '28, University of Pennsylvania  
Major, Surgery  
Minor, Pathology  
Thesis, Restoration of the Liver after Partial Hepatectomy and Partial Ligation of the Portal Vein



## MASTER OF SCIENCE

### *In Urology*

ERNEST LAWRENCE MELAND

B.S. '24, M.B. '25, M.D. '26, University of Minnesota

Major, Urology

Minor, Pathology

Thesis, Multilocular Cysts of the Kidney

## DOCTORS OF PHILOSOPHY

LEW WALLACE CORNELL

B.S. in Ch.E. '27, University of Minnesota

Major, Chemical Engineering

Minor, Bacteriology and Agricultural Biochemistry

Thesis, Studies in Distillation

Major Adviser, Professor R. E. Montonna

CHARLES EDWIN MANGELS

B.S. '14, M.A. '16, University of Missouri

Major, Agricultural Biochemistry

Minor, Organic Chemistry and Physical Chemistry

Thesis, Physico-Chemical Studies on Wheat Starches

Major Adviser, Professor C. H. Bailey

HOPE HILARY HUNT

B.A. '19, University of Toronto

M.S. '25, Teachers College (Columbia University)

Major, Home Economics

Minor, Physiology

Thesis, A Study of Some Physiological Effects of Ultra Violet Irradiations on Normal Adults

Major Adviser, Professor Jane M. Leichsenring

SAMUEL CECIL SALMON

B.S. '07, South Dakota State College

M.S. '23, Kansas State Agricultural College

Major, Agronomy and Plant Genetics

Minor, Plant Physiology

Thesis, Resistance of Varieties of Winter Wheat and Rye to Low Temperature in Relation to Winter Hardiness and Adaptation

Major Advisers, Professors A. C. Army and H. K. Hayes

MAURICE GREGOR LARIAN

B.S. '26, M.S. '28, Iowa State College

Major, Chemical Engineering

Minor, Metallography

Thesis, Studies in the Drying of Gel Zeolite

Major Adviser, Professor Charles A. Mann

DAVID TURTELTAUB

B.A. '27, M.A. '28, University of Oregon

Major, Psychology

Minor, Educational Psychology

Thesis, The Influence of Suggested Majority Opinion upon Attitudes toward Prohibition and Militarism

DOCTOR OF PHILOSOPHY

*In Surgery*

LAWRENCE MYRLIN LARSON

B.S. '25, M.D. '27, M.A. '29, University of Minnesota

Major, Surgery

Minor, Pathology

Thesis, The Physiology of the Colon:  
An Experimental Study

Major Adviser, Dr. F. C. Mann

DEGREES CONFERRED AUGUST 27, 1932

THE COLLEGE OF SCIENCE, LITERATURE, AND  
THE ARTS

BACHELOR OF ARTS

*cum laude*

HUBERT JOHN HINTGEN

BACHELORS OF ARTS

WILLIAM O. CLARKE  
LEONARD FREEMAN  
VIRGINIA GRIFFITH  
WILLIAM KARP

RAYMOND ARTHUR LEWIS  
RICHARD FRANCIS MOREAN  
MARY TERESA PALMER  
PEARL MARGALETTE SURES

THE COLLEGE OF ENGINEERING AND ARCHITECTURE

BACHELORS OF CIVIL ENGINEERING

HENRY JULIUS LANGER

KENNETH WILLIAM PEDERSON

THE COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS

BACHELORS OF SCIENCE

*(Course in Agriculture)*

CLYDE FRANKLIN BAUMHOFER

RUDOLPH M. STOLEN

*(Course in Home Economics)*

BENA M. JOHNSON

MARY ELIZABETH WETHERBEE

THE MEDICAL SCHOOL

BACHELORS OF SCIENCE

JOHN CURRER BARTON

MAXINE ALICE LEININGER

ROBERT WHITE DUPRIEST, B.A.

WILLIAM N. MAKAROFF

ALBERT WILLARD KUSKE, B.A., M.B.

JANE E. OLTMAN

M.D.

CHARLES WESLEY ROGERS

JOHN MARCUS RUMBALL

**THE COLLEGE OF EDUCATION  
BACHELOR OF SCIENCE**

*with high distinction*

PERRY B. FREDERICKS

**BACHELORS OF SCIENCE**

*with distinction*

ALMA MARION BECKWITH  
ALPHA C. HENRIKSEN  
JOHN WESLEY HORNS

ELEANOR McLAUGHLIN  
EMERSON LOUIS MEYER  
KATHERINE FAY ROGERS

**BACHELORS OF SCIENCE**

OLIVA C. BJORKLUND  
HARRIETT M. BRENNENSTALL  
ARTHUR A. DICK  
VIVIAN THELMA EDER  
GENEVIEVE J. HAUGSRUD  
L. C. HEIRONIMUS  
CORLIS JAMES HUNTLEY  
CARMELLITA LYNCH  
DORA JOSEPHINE MILLER

SARAH MOHAN  
BEATRICE MINNIE NELSON  
DOROTHY WALLACE OWENS  
ALBERT KENNETH PIHLSTROM  
IRENE BEATRICE PUHLMANN  
FANNY RAY  
HARRIET BURQUIST SANDBERG  
RENÉE M. SAUER  
BERYL WATKINS YANCEY

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

**BACHELORS OF SCIENCE**

*(Course in Agriculture)*

RALPH VICTOR BACKSTROM

WILLIAM TAFT GRUSSENDORF

*(Course in Home Economics)*

ANNA C. ERIKSON  
ANNE PEARSON

GEORGIA MILDRED ROSE  
FRANCES VAN VOORHIS

**THE SCHOOL OF BUSINESS ADMINISTRATION  
BACHELOR OF BUSINESS ADMINISTRATION**

ARNOLD I. FRIEDLAND

**THE COLLEGE OF DENTISTRY  
DOCTORS OF DENTAL SURGERY**

DONALD THOMAS BURT

ERNEST WILLIAM McLAUGHLIN

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

**ERNEST BROR ANDERSON**

B.A. '09, Gustavus Adolphus College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of Public School  
Income and Costs in Carlton  
County, Minnesota

**LAURA TRACY BULTMAN**

B.A. '31, Western Reserve University  
Major, Political Science  
Minor, History  
Thesis, Arbitration Policies of France,  
Great Britain, and the United  
States (1871-1915) in Regard to  
Reservation of "National Honour  
and Vital Interests"

**DORIS ARNOLD**

B.A. '20, University of Nebraska  
Major, History  
Minor, Education  
Thesis, An Analysis of the Range of  
Ideas Exemplified in Textbooks in  
the Social Studies

**INA STEVENS CAMPBELL**

B.S. '28, University of Minnesota  
Major, Educational Psychology  
Minor, Educational Administration  
Thesis, Case Studies of Term Fail-  
ures in the Junior High School

**CARL HENRY BACKLUND**

B.A. '25, Gustavus Adolphus College  
Major, Educational Administration  
Minor, Mathematics  
Thesis, The Amount and Nature of  
Drill in the Arithmetic Processes  
in Junior High School Mathe-  
matics Textbooks for Grades VII  
and VIII

**VIRGINIA LEE CAPRON**

B.A. '27, Bryn Mawr College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Relative Effect of Three  
Orders of Arrangement of Items  
upon Pupils' Scores in Certain  
Arithmetic and Spelling Tests

**CARL GEORGE BERTRAM**

B.S. '29, University of Minnesota  
Major, Education  
Minor, Economics  
Thesis, Itinerant Instruction in Wis-  
consin: A State Plan of Offering  
Instruction to Trade and Industrial  
Groups

**CATHERINE CATHERWOOD**

B.S. '23, University of Minnesota  
Major, Education  
Minor, English  
Thesis, A Study of Relationships be-  
tween a Knowledge of Rules and  
Ability to Correct Grammatical  
Errors and Identification of Sen-  
tences and Knowledge of Subject  
and Predicate

**RUSSELL DIBBLE BRACKETT**

B.S. '28, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Character Measurement of  
Selected Groups at Shattuck  
School, Faribault, Minnesota

**DAVID LIVINGSTONE COOK**

B.A. '16, Willamette University  
Major, Physics  
Minor, Mathematics  
Thesis, Deposition of Polonium on  
Metals

- CHARLOTTE WILHELMINE CROON  
 B.S. '30, University of Minnesota  
 Major, Educational Psychology  
 Minor, Mathematics  
 Thesis, Development of a Teacher's  
 Key for Women for the Strong  
 Vocational Interest Blank
- FRANCIS HENRY DOLAN  
 B.S. '28, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Origin and Development  
 of Catholic Schools in Minnesota
- OLIN GUNSON DRYER  
 B.S. '15, Michigan State College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Amount of Algebra Retained  
 by Pupils Who Have Had  
 the Work a Number of Years Previously
- MARY ISABELLE ELWELL  
 B.A. '15, Carleton College  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, Reliability of Diagnosis of  
 Difficulties in the Multiplication of  
 Fractions
- EZRA HEERS ENGELBART  
 B.S. '17, North Central College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Study of the 1931  
 Minnesota State Board Examination  
 in Geography
- THEODORE CLAUDE ENGUM  
 B.A. '14, St. Olaf College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Study of Public School  
 Transportation Costs in Minnesota,  
 1929-30
- ROBERT BURDETTE ERNST  
 B.S. '23, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Certain Aspects of School  
 Administration, Jackson County,  
 Minnesota
- LOYD OLIVER FJERSTAD  
 B.S. '27, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, State Regulations Concerning  
 the Professional Qualifications and  
 the Legal Status of Superintendents  
 of Incorporated School Districts
- ELIZABETH GRAYBEAL  
 Ph.B. '28, University of Chicago  
 Major, Educational Administration  
 Minor, Preventive Medicine and Public  
 Health  
 Thesis, Physical Education for Women  
 in the University of Minnesota
- MAX HOWARD HOUGHTON  
 B.A. '23, University of Iowa  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Age and Grade Classification  
 as Factors Affecting Achievement  
 in High School Economics
- MARION JOHNSON JACKSON  
 B.A. '17, Jamestown College  
 Major, Latin  
 Minor, English  
 Thesis, Wit and Humor in Plautus  
 and Terence

- ROYALSTON FRANK JENNINGS  
 B.S. '29, University of Minnesota  
 Major, Education  
 Minor, Industrial Education  
 Thesis, Current Changes in Auto-  
 motive-Service Occupations: A  
 Periodical Analysis Suggestive as  
 a Technique for Curriculum Con-  
 struction and Course Improvement
- JESSE S. JENSEN  
 B.A. '28, Carroll College  
 Major, Educational Administration  
 Minor, History  
 Thesis, The Status of the Teaching  
 Personnel in the Small Elementary  
 Schools of Minnesota
- MILTON EDWARD JOHNSON  
 B.A. '24, St. Olaf College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Development of Rural Schools,  
 Waseca County, Minnesota
- GEORGE EDWARD KLAK  
 B.A. '23, Ripon College  
 Major, Zoology  
 Minor, Entomology  
 Thesis, A Comparative Study of  
 Summer Plankton from Twenty-  
 two Bodies of Water in the Vicin-  
 ity of Minneapolis and St. Paul,  
 Minnesota
- WENDELL C. LARSON  
 B.S. '28, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Program for the Reorgan-  
 ization of School Districts in Carl-  
 ton County, Minnesota
- HARRY MAGNOR LOKKEN  
 B.S. '25, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Growth and Accessibility of  
 Public High Schools in Minnesota
- ELLA LORENTZEN  
 B.A. '14, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Uses Which Children Make  
 of Oral and Written English Out-  
 side of School
- NELLIE CLARIBEL MASON  
 B.S. '28, University of Minnesota  
 Major, Education  
 Minor, Mathematics  
 Thesis, A Study in the Retention of  
 Junior High School Mathematics
- MARTHA MARIANNE MATTSON  
 B.A. '28, Augsburg College  
 Major, Education  
 Minor, Child Welfare  
 Thesis, The Work and Status of  
 Supervising Teachers in Eight  
 Southern and South Central States
- WILLIAM BEECHER MCPHERSON  
 B.S. '26, Jamestown College  
 Major, Educational Administration  
 Minor, Technological Chemistry  
 Thesis, A Survey of Teacher and  
 Pupil Population and School Fin-  
 nance, McHenry County, North  
 Dakota
- NADINE LUCILLE MILLER  
 B.S. '29, University of Minnesota  
 Major, Education  
 Minor, Mathematics  
 Thesis, A Study of Diagnostic and  
 Remedial Work in Elementary Al-  
 gebra
- LOUIS ALBERT MOSSLER  
 B.S. '26, North Dakota Agricul-  
 tural College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, School Administration in  
 Pembina County, North Dakota

JOHN HOWARD MURPHY

B.A. '26, University of Wisconsin  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Some Aspects of School Administration, Iowa County, Wisconsin

BURTON JAMES STALLARD

Ph.B. '26, Ripon College  
Major, Education  
Minor, Economics  
Thesis, An Experimental Comparison of Two Plans for Supervised Study in Ninth Grade Algebra

HAZEL GLADYS MURRAY

B.A. '23, Dakota Wesleyan University  
Major, Educational Administration  
Minor, Speech  
Thesis, Supervisory Needs of Teachers in Rural Schools

MERWIN RICHARD STEFFENS

B.S. '24, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Relationship of State Departments of Education to the Administration and Supervision of Local Secondary Schools

LEIGHTON ROY PALMERTON

B.S. '25, Eastern State Teachers College (Madison, South Dakota)  
Major, Educational Psychology  
Minor, Psychology  
Thesis, A Comparison of the Results of an Individual Method and a Group Method with Special Applications of the Contract Plan

NORA JACOBSON SWAN

B.A. '19, University of Washington  
Major, Education  
Minor, Sociology  
Thesis, Teachers' Activities in Primary Reading

HOWARD VICTOR PATTERSON

B.S. '26, Stout Institute  
Major, Education  
Minor, Industrial Education  
Thesis, Observation and Practice-Teaching in Manual Arts and Trade Training

JOHN HENRY THURSTON

B.A. '31, University of Minnesota  
Major, Political Science  
Minor, Economics  
Thesis, Personnel Administration in the State Government of Minnesota

ABE PEPINSKY

B.A. '31, University of Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, An Acoustical Survey of the Northrop Memorial Auditorium

LESLIE ELLIOTT TRIPP

B.A. '22, Macalester College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Survey of the Common and Independent School Districts of Traverse County, Minnesota

LUMAN PAUL SEWELL

B.S. '14, Iowa State College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Growth and Distribution of Public Secondary Schools in Iowa

MARGARET ANN WULFF

B.S. '31, University of Minnesota  
Major, Education  
Minor, Mathematics  
Thesis, The Retention of Junior High School Mathematics



## MASTERS OF SCIENCE

ELEANOR F. ANDERSON

B.S. '28, University of Minnesota  
Major, Home Economics  
Minor, Economics  
Thesis, Studies of Consumer Choices  
in the Purchase of Textile Products.  
II. A Survey of Purchasing Habits  
in the Selection of Silk Yard Goods

LEO WARREN ANDERSON

B.S. '27, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Survey of the Organization  
and Administration of the  
Curricula in the Accredited Public  
High Schools of North Dakota

CLARA NEWTON FLEMINGTON

B.A. '15, University of North Dakota  
Major, Education  
Minor, Home Economics  
Thesis, Space and Equipment for the  
Teaching of Home Economics in  
High Schools

ROY MATTHEW GILCREAST

B.S. '22, Iowa State College  
Major, Agricultural Economics  
Minor, Economics  
Thesis, Systems of Management Used  
on Group Farm Holdings in Min-  
nesota

MOLLY MAE HARRIS

B.S. '30, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Study of the Academic  
Needs of Teachers of Intermediate  
Grade Reading

MADHAN NARAYAN KAMAT

B.Ag. '19, Bombay University  
Major, Plant Pathology  
Minor, Plant Genetics  
Thesis, Some Factors Influencing the  
Pathogenicity of *Puccinia sorghi*  
(Schw.)

JOHN JOY McNAIR

B.A. '30, Carleton College  
Major, Agricultural Biochemistry  
Minor, Chemical Engineering  
Thesis, A Comparison of Alpha-  
Cellulose from Different Vegetable  
Sources

ALLENE SEWELL

B.S. '21, University of Minnesota  
Major, Home Economics  
Minor, Education  
Thesis, Studies of Consumer Choices  
in the Purchase of Textile Prod-  
ucts. I. A Survey of Purchasing  
Habits in the Selection of Silk  
Street Dresses

GEORGE HERMAN WISE

B.S. '30, Clemson Agricultural Col-  
lege  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, The Supplemental Value of  
Milk Proteins in the Ration of  
Dairy Cattle

## MASTER OF SCIENCE

### *In Chemical Engineering*

EARL VERNER PETERSON

B.Ch. '30, University of Minnesota

Major, Chemical Engineering

Minor, Metallography

Thesis, The Effect of Mode of Precipitation on Crystal Size

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

WALTER BERT KAUFMAN, B.S.

WILLIAM N. MAKAROFF

### DOCTORS OF MEDICINE

LEONARD PATRICK BURKE, B.S., M.B.

PAUL G. SCHMIDT, JR., B.A., M.B.

WALTER BERT KAUFMAN, B.S.

WILLIAM N. MAKAROFF

## GRADUATE SCHOOL

### DOCTORS OF PHILOSOPHY

WILLIAM RICHARD CARROLL

B.S. '22, University of Wisconsin

M.S. '25, University of Illinois

Major, Bacteriology

Minor, Botany (Phycology)

Thesis, A Study of Rhizobium Species in Relation to Nodule Formation on the Roots of Florida Legumes

Major Adviser, Dr. W. P. Larson

SYDNEY DICKINSON

Dip. '26, Imperial College of Science and Technology (London University)

M.Sc. '30, University of Wales

Major, Plant Pathology

Minor, Botany

Thesis, The Genetic Implications of Hyphal Fusions in Certain Fungi

Major Adviser, Prof. E. C. Stakman

JOHN MURDOCH DAWLEY

B.A. '26, LL.B. '28, M.A. '30, University of Minnesota

Major, Political Science

Minor, Economics

Thesis, The Constitutional Power of the Governor to Appoint and Remove State and Local Officers

Major Adviser, Prof. O. P. Field

HELEN FOOT

B.A. '26, M.A. '30, University of Minnesota

Major, Botany

Minor, Zoology

Thesis, A New Genus and Some New Species of Blue-Green Algae: A Study of a Peculiar Algal Association in a Minnesota Lake

Major Adviser, Prof. Josephine E. Tilden

KEREN ELIZABETH GILMORE

B.A. '25, Western College

M.A. '27, Smith College

Major, Physical Chemistry

Minor, Physics and Organic Chemistry

Thesis, Effects Produced by Radon on the System: Hydrogen-Iodine-Hydrogen Iodide

Major Adviser, Prof. Samuel C. Lind

LESLIE OWEN TAYLOR

B.A. '17, West Virginia University

M.A. '22, University of Chicago

Major, Educational Administration

Minor, Educational Psychology

Thesis, Possibilities and Limitations of the Six-Year High School as a Type of Secondary School Organization for the Small Community

Major Adviser, Prof. Harl Douglass

LAWRENCE MERRIAM WINTERS

B.S. '19, University of Minnesota

M.S. '20, Iowa State College

Major, Zoology

Minor, Animal Husbandry

Thesis, The Effects of Bilateral and Unilateral Castration of Rats on the Epididymis, with a Special Reference to the Mitochondria-Golgi Complex

Major Adviser, Prof. A. R. Ringoen

DEGREES CONFERRED DECEMBER 22, 1932

THE COLLEGE OF DENTISTRY  
GRADUATE DENTAL HYGIENIST

JANE ELIZABETH WOOD

THE MEDICAL SCHOOL  
GRADUATES IN NURSING

ELIZABETH RACHEL ADDISON	ADELINE KLEIN
ELIZABETH EVELYN ALBERTS	DOROTHY ELIZABETH PRICE
NORMA LUELLA ANDERSON	FERN LOUISE RAITZ
HARRIET BAKER	ETHEL MARY RUEGGER
VERNA BEATRICE BROCKER	LILA IRENE THOMPSON

THE COLLEGE OF SCIENCE, LITERATURE, AND THE  
ARTS

BACHELORS OF ARTS

*magna cum laude*

LYDIA MARIE HERMANN	VIRGINIA ELIZABETH LOUISE MILLER
---------------------	----------------------------------

BACHELOR OF SCIENCE

*magna cum laude*

MADELENE BURKE

BACHELORS OF ARTS

*cum laude*

ARNOLD CAVERS ASLAKSON	EARL W. LOOSE
EDMUND BORYS	WINIFRED E. POPPE

BACHELORS OF ARTS

WILLIAM McMILLAN BAKER	CHARLES G. HAYDEN
ROGER BARRETT	BEULAH KATHERINE JOHNSON
THEODORE JOHN CATLIN	JEANNE MARY KIEKENAPP
ROGER JOHN OWEN CUMMING	JEANNETTE LATTA
MILFORD WEST DOWNIE	MARION RAYMOND McCrARY
ARTHUR C. EKORN	EMIL F. REDMAN
SUSAN THOMPSON EVANS	LEONARD WILLIAM SWANBECK

BACHELOR OF SCIENCE

RACHEL B. ROTHNEM, B.A.

THE COLLEGE OF ENGINEERING AND ARCHITECTURE

BACHELOR OF AGRICULTURAL ENGINEERING

ARNO R. SCHWANTES

BACHELORS OF CIVIL ENGINEERING

ROBERT GEVING ANDERSON

LAURENCE HENRY HALLIN

ALEXANDER BAYOFF

CARL ANDREW MARKKANEN

FREDERICK HENRY BROCKMAN

CLIFFORD OLIVER MELLIN

BACHELORS OF ELECTRICAL ENGINEERING

ROBERT LYLE WESTBEE

HERBERT WEYER

BACHELORS OF MECHANICAL ENGINEERING

HAROLD RAYNARD ANDERSON

DONALD B. ELFES

ERWIN S. HAGEDORN

BACHELOR OF ARCHITECTURE

EARL GEORGE PETERSEN

BACHELOR OF INTERIOR ARCHITECTURE

MINNIE MELECK

THE SCHOOL OF CHEMISTRY

BACHELOR OF CHEMICAL ENGINEERING

RUSSELL LEIGHTON MILLER

THE COLLEGE OF AGRICULTURE, FORESTRY,

AND HOME ECONOMICS

BACHELOR OF SCIENCE

*with distinction*

*(Course in Agriculture)*

ORLO E. SOLAND

## BACHELORS OF SCIENCE

### *(Course in Agriculture)*

NELS P. HANSON

JOSEPH JOHN MAYAN

### *(Course in Forestry)*

ROAN CARL ANDERSON

CHARLES J. LAZZARO

WALTER MORRISON ZILGITT

### *(Course in Home Economics)*

ERMA W. BOEHME

ALMA LEIDER RICHARDSON

HOPE EDITH HOSMER

LILLIAN B. TIMBERLAKE

LILA RUTH OWENS

CATHERINE HELEN TWEEDDALE

HELEN E. VALENTINE

## THE MEDICAL SCHOOL

### BACHELORS OF SCIENCE

WILLARD MANVILLE AKINS, B.A., M.B.

MANCEL TALCOTT MITCHELL

ABRAHAM H. BASKIN

RUTH SYLVIA MORGAN

EARL J. BOEHME

RICHARD P. NEARY

GEORGE ERNEST CARDLE, B.A.

ENGWARD LOUIS PENK

WILLIAM HUGH CARROLL

WILLIS A. REDDING

GEORGE WILLIAM CLIFFORD

WYMAN JOHN ROBERTS

ROBERT PHILIP EWALD, B.A., M.B.

FRANCIS IRVIN SABO

ROBERT T. GAMMELL

RAYMOND THOMAS SHIMA

JOHN ALTON GILLEN, B.A.

SISTER MARIA THEODOSIA LAUFER

PHILIP GORDON

HARVE A. STANCHFIELD

ALBERT THEODORE HAYS

THEODORE WILLIAM STRANSKY

ROBERT HEBBEL

MARGARET TUFTY

ROBERT RICHARD KIERLAND

LLOYD ASHLEY WHITESELL

KENNETH P. MALVEY, B.A.

IRA HERMAN WILSON, B.A.

CARL GUSTAVE WINGQUIST

## THE COLLEGE OF PHARMACY

### BACHELORS OF SCIENCE

#### *In Pharmacy*

GEORGE CRANE

BERNARD SAUL GOLDBERG

## THE COLLEGE OF EDUCATION

### BACHELOR OF SCIENCE

*with high distinction*

JOYCE ALICE WINBERG

### BACHELORS OF SCIENCE

*with distinction*

AGNES JEAN KEAN  
JENNIE HENRIETTE SCHEIE

EDITH MARGARET SULLIVAN  
BLANCHE WAGNER

### BACHELORS OF SCIENCE

BESS OPAL ALLEN  
JAMES W. CROSSETT  
GRACE M. DOUGHERTY  
LENNART HENNING ERICKSON  
LOLA AGNES FAY  
ELIZABETH K. FORSCHNER  
ANNETTE CEIL GILLESPIE  
GRACE MARIE GRAHAM  
DAGMAR MARIE HEDIN  
MARGARET HEFFRON  
SADIE G. HIGGINS  
TOBY G. KAPLAN  
RALPH H. KNOWLES  
ELEANOR S. KRAVIG  
MARTHA HELENE MATTOLA  
HELEN AILEEN MAY

RAY JOHN MICKOLAJAK  
WALTER WILLIAM NAPPA  
AGNES EMMA NEITZEL  
MARGARET E. OWENS  
ELAINE MARIE PERRA  
IRENE C. RISTAU  
ILENE S. ROOT  
ELVA RUTLEDGE  
ANNA ALINE RYDOSZ  
G. J. SEDLACEK  
LORAINÉ ELIZABETH SMITH  
BARBARA ANNA THOMPSON, G.N.  
AGNES ESTELLE VOLLBRECHT  
MILDRED MATHILDA WELANDER  
MARIE ADELINÉ WOODERS  
ALMA H. WRETTLING

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

### BACHELOR OF SCIENCE

*with high distinction*

*(Course in Agriculture)*

LEO J. FENSKE

### BACHELORS OF SCIENCE

*(Course in Agriculture)*

ENOCK EMMANUEL BJUGE

*(Course in Home Economics)*

VERA MARGUERITE BUTTON

THERESA E. JOHNSON

ALMA CHARLOTTE SWENSON

**THE SCHOOL OF BUSINESS ADMINISTRATION**

**BACHELORS OF BUSINESS ADMINISTRATION**

MAYNARD ARTHUR ALSAKER

THOMAS SCOTT McCART

EVERETT F. BACH

GORDON McRAE

JOSE PULIDO CARPIO

ROBERT HUMPHREY REED

ELIZABETH LILLIAN GOTTLIEB

MABEL GREGORY REEVES

ROMOLA GRISWOLD

MARSHALL LEOPOLD REMUND

HAROLD H. HUTCHINGS

MILLARD O. SOLEM

HARRY NATHAN LANGFUS

HERMOD STRANDSKOV

WOODROW ALBERT WILSON

**THE SCHOOL OF BUSINESS ADMINISTRATION AND  
THE COLLEGE OF AGRICULTURE, FORESTRY,  
AND HOME ECONOMICS**

**BACHELOR OF BUSINESS ADMINISTRATION**

*In Agriculture*

BURTON BROR FABEON OSTER

**UNIVERSITY COLLEGE**

**BACHELOR OF ARTS**

*cum laude*

JAMES ZECK

**BACHELOR OF ARTS**

IONE JUNE SOBOTKA

**BACHELORS OF SCIENCE**

FRANCIS XAVIER KERR

WILBUR K. PALM



## THE COLLEGE OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

JAMES FRANCIS CONLON  
PAUL Q. EDGREN  
ROBERT MALCOLM FARRISH  
JOHN ADDISON HOWLAND

FREDRICK C. LIPPMANN  
CLEMENT THOMAS NICKOLAY  
LEONARD JENNINGS PETERSON  
PETER BERNARD POLLOCK

MAXWELL THORSON

## THE LAW SCHOOL

### BACHELOR OF LAWS

DOROTHY ENID PAULSON, B.A.

## GRADUATE SCHOOL

### MASTERS OF ARTS

MIRIAM MONTANA CLARKE  
Ph.B. '28, University of Chicago  
Major, English  
Minor, Education  
Thesis, Artificiality in Keats's Vocabulary

DONALD CLEMENT FRISK  
B.A. '31, University of Minnesota  
Major, Psychology  
Minor, Educational Psychology  
Thesis, An Analysis of the Relation between Self-Estimates and Objective Measurement of Vocational Interests

JOHN ARTHUR FARLEY  
B.S. '30, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, A Time Analysis of the Activities of Student Teaching in the University High School

NOLAN CHARLES KEARNEY  
B.S. '24, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Administration of Attendance Service in Public Schools in Minnesota

JESSIE WINIFRED FLANNAGAN  
B.A. '27, University of Minnesota  
Major, English  
Minor, Education  
Thesis, Shylock and the Zeitgeist in Three Centuries of Criticism

JAMES LEONARD McRAE  
B.S. '25, Stout Institute  
Major, Educational Administration  
Minor, Industrial Education  
Thesis, School Marks, Intelligence Quotients, and Scores of Mechanical Tests

- EARLE COCHRAN MURDOCH  
 B.S. '29, Clemson College  
 Major, Zoology  
 Minor, Entomology  
 Thesis, The Effects of Alternating  
 Temperature on the Development  
 of the Confused Flour Beetle  
*Tribolium Confusum* Duval
- BLANCHE GENEVIEVE MARIE OSTLUND  
 B.A. '32, Gustavus Adolphus College  
 Major, Zoology  
 Minor, Bacteriology  
 Thesis, Some Factors Affecting the  
 Viability of Helminth Ova
- ISADORE J. PASS  
 B.A. '29, University of Minnesota  
 Major, Anatomy  
 Minor, Pathology  
 Thesis, Anatomical and Functional  
 Relationships of Nucleus Dorsalis  
 (Clarke's Column) and of the  
 Dorsal Spinocerebellar Tract  
 (Flechsig's)
- STANLEY J. PAWELEK  
 B.S. '31, University of Minnesota  
 Major, Education  
 Minor, Industrial Education  
 Thesis, The Certification of Indus-  
 trial Teachers
- FRED KENNETH PICHA  
 B.S. '31, University of Minnesota  
 Major, Agricultural Economics  
 Minor, Economics  
 Thesis, The Practices of Life Insur-  
 ance Companies in Farm Mort-  
 gage Financing in Minnesota with  
 Special Reference to Foreclosures
- MING SHIEN PING  
 B.A. '27, University of Hunan  
 Major, Political Science  
 Minor, Sociology  
 Thesis, The Powers, Duties and Po-  
 sitions of Mayors in Minnesota
- WALTER RICHARD RYKKEN  
 B.A. '25, Augsburg College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Status of the Elementary  
 Teaching Personnel in Cities of  
 the First Class in Minnesota
- KENNETH CHARLES SATTERFIELD  
 B.S. '23, Iowa State College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Public Secondary School  
 Costs in Minnesota 1925-1929
- AUGUSTA PAULINE TOPPING  
 B.S. '27, University of Minnesota  
 Major, German  
 Minor, Comparative Philology  
 Thesis, Elements in Hebbel's Early  
 Dramas Based on His Personal  
 Experiences
- DORIS ENCAS TYRRELL  
 B.S. '26, University of Minnesota  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, A Proposed Office Practice  
 Course Based upon an Analysis of  
 Secretarial Duties
- COLE ROSECRANS VAN GORDEN  
 B.A. '26, Grinnell College  
 Major, Education  
 Minor, Speech  
 Thesis, The Public Junior College  
 in Iowa

## MASTERS OF SCIENCE

### ABE BERT BAKER

B.A. '28, B.S. '29, M.D. '31, University of Minnesota  
Major, Pathology  
Minor, Bacteriology  
Thesis, Changes in the Myometrium under Certain Physiologic and Pathologic Conditions

### OTIS LLOYD MEEHEAN

B.S. '27, University of Minnesota  
Major, Zoology  
Minor, Botany  
Thesis, The Structure of Scales in Relation to the Life Histories of Certain Fish from the Sloughs on the Mississippi Wild Life and Fish Refuge

### CATHARINE LUNT BECKER

B.S. '31, University of Minnesota  
Major, Horticulture  
Minor, Botany  
Thesis, Studies of Pollen Germination in Certain Species and Interspecific Hybrids of Prunus

### FERDINAND A. ZINTER

B.S. '29, University of Minnesota  
Major, Preventive Medicine and Public Health  
Minor, Education  
Thesis, Certain Relationships between Physical Education and Health

## MASTER OF SCIENCE

### *In Chemical Engineering*

#### HAROLD EDWARD GRAVES

B.Ch.E. '32, University of Minnesota  
Major, Chemical Engineering  
Minor, Organic Chemistry  
Thesis, A Study of the Use of Molybdenum as a Mordant

## MASTER OF SCIENCE

### *In Civil Engineering*

#### RALPH LOUIS CAMPBELL

B.C.E. '30, University of Minnesota  
Major, Civil Engineering  
Minor, Business Administration  
Thesis, The Development of a Natural Gas Pipe Line

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

EARL E. BARRETT, B.A., M.S.

ABRAHAM H. BASKIN

EARL J. BOEHME

GEORGE ERNEST CARDLE, B.A.

WILLIAM HUGH CARROLL

THEODORE JOHN CATLIN

GEORGE WILLIAM CLIFFORD	KENNETH P. MALVEY, B.A.
CHARLES COLE COOPER, B.A.	LEONARD JEROME MONSON, B.A.
RALPH JOHAN ECKMAN, B.A.	SIMEON A. MULLEN, B.S.
LOUIS LAWRENCE FREIDMAN	RICHARD P. NEARY
ROBERT T. GAMMELL	ISADORE J. PASS, B.A.
JOHN ALTON GILLEN, B.A.	CARL J. POTTHOFF, B.S.
PHILIP GORDON	WYMAN JOHN ROBERTS
WILLIAM THEODORE GREENFIELD, B.S.	FRANCIS IRVIN SABO
BURTON PIPER GRIMES, B.A.	RAYMOND THOMAS SHIMA
ALBERT THEODORE HAYS	WILLIAM CHAUNCEY SIEGMANN, B.S.
ROBERT HEBBEL	HARVE A. STANCHFIELD
CAROLINE ELIZABETH HELMICK, B.A.	KENNETH EDWARD STEIN
HENRY E. HOFFERT, B.A.	THEODORE WILLIAM STRANSKY
ROBERT RICHARD KIERLAND	CHARLES GORDON UHLEY, B.A.
CARL WILLIAM KRAUSE, B.A.	ULFERT RAY ULFERTS, B.S.
NOLTON SENARD LIEBERMAN, B.S.	LLOYD ASHLEY WHITESELL
CARL JOHN THEODORE LUND, B.A.	CARL GUSTAVE WINGQUIST
	HYMAN JOSEPH WOLKOFF, B.A.

## DOCTOR OF MEDICINE

*with highest distinction*

ISADORE J. PASS, B.A.

## DOCTORS OF MEDICINE

ERCELL A. ADDINGTON, B.A., B.S., M.B.	SATORU MATSUYAMA, B.S., M.B.
WILLARD MANVILLE AKINS, B.A., M.B.	HERBERT HUESTIS MINTHORN, B.A., M.B.
EARL E. BARRETT, B.S., M.S.	HELMER JONAS NILSON, B.A., B.S., M.B.
JOHN GORDON COLE, B.S., M.B.	ROBERT EDWARD PRIEST, B.A., B.S., M.B.
PAUL L. ENEBOE, B.A., M.B.	WELLINGTON WILLIAM RIEKE, B.S., M.B.
ROBERT PHILIP EWALD, B.A., M.B.	EVA SHAPERMAN, B.S., M.B.
CLIFFORD AUGUST GRAND, B.S., M.B.	‡SYBIL HARRIOT SMEBY, B.S., M.B.
MILTON GREENGARD, B.A., B.S., M.B.	NELS NITTER SONNESYN, B.A., M.B.
RALPH DAY HANOVER, B.S., M.B.	WALTER GEORGE LUDWIG TANGLIN, B.A., B.S., M.B.
MYRON FREDERICK HASSETT, B.S., M.B.	JAMES M. THOMSON, B.A., M.B.
ELMER MORRIS HILL, B.A., M.B.	LAURENCE ALOYSIUS VAN HALE, B.A., B.S., M.B.
CORRIN HALEY HODGSON, B.S., M.B.	WALTER BRET WELLS, B.S., M.B.
JOHN ELDON HYNES, JR., B.A., M.B.	CARL GUSTAVE WINGQUIST
KARL FREDERICK JOHNSON, B.S., M.B.	
JAMES ERNST LOFSTROM, B.S., M.B.	

‡ Degree conferred post obitum.

## GRADUATE SCHOOL

### MASTER OF SCIENCE

#### *In Surgery*

FRANK CHRISTIAN IBER

B.A. '22, M.D. '24, University of Cincinnati

Major, Surgery

Minor, Pathology

Thesis, Recirculation of the Urine

### DOCTORS OF PHILOSOPHY

FLORENCE EMMA BLAZIER

Ph.B. '18, University of Chicago

M.A. '24, University of Indiana

Major, Education

Minor, Home Economics

Thesis, Home Economics Education

Courses in the Seventy-two Institutions Approved for Teacher Training by the Federal Board for Vocational Education

Major Advisers, Professors Clara M. Brown and Harl R. Douglass

AUSTIN ALLYN DOWELL

B.S. '15, Iowa State College

M.S. '25, University of Minnesota

Major, Agricultural Economics

Minor, Animal Husbandry

Thesis, An Evaluation of the Advantages and Disadvantages of Minnesota Agriculture in World Competition

Major Adviser, Professor O. B. Jesness

WILLIAM REDMAN BROWN

B.S.A. '23, M.Sc. '25, University of Alberta

Major, Agricultural Biochemistry

Minor, Plant Pathology

Thesis, Some Factors Influencing Lactose Secretion

Major Advisers, Professors R. A. Gortner and W. E. Peterson

FRANK HERSCHEL FINCH

B.S. '28, University of Missouri

M.A. '30, Washington University

Major, Educational Psychology

Minor, Education

Thesis, A Study of the Relation of Age Interval to the Degree of Resemblance of Siblings in Intelligence

Major Adviser, Professor W. S. Miller

ANGUS EWAN CAMERON

B.A. '18, Oberlin College

Major, Physical Chemistry

Minor, Physics

Thesis, The Sorption of Bromide and of Iodine Vapor by Highly Activated Silica Gel and Coconut Charcoal

Major Adviser, Professor L. H. Reyerson

ARDEN FRANSEN

B.S. '27, M.S. '30, University of Utah

Major, Psychology

Minor, Educational Psychology

Thesis, An Eye Movement Study of Objective Examination Questions

Major Adviser, Professor M. A. Tinker

GETULIO AUGUSTO GUANZON

B.S. '25, University of the Philippines  
M.S. '30, Louisiana State University  
Major, Agricultural Biochemistry  
Minor, Plant Physiology and Soils  
Thesis, The Uronic Acid Content of the Nitrogen-free Extract of Feeding Stuffs  
Major Adviser, Professor R. A. Gortner

BYRON ELLSWORTH HALL

B.A. '28, M.A. '29, University of Minnesota  
Major, Anatomy (Haematology)  
Minor, Pathology  
Thesis, Certain Phases of the Monocyte Problem  
Major Adviser, Professor Hal Downey

OLGA LAKELA

B.S. '21, M.S. '24, University of Minnesota  
Major, Botany (Taxonomy)  
Minor, Zoology  
Thesis, A Revision of the *Genus Heuchera* L.  
Major Adviser, Professor C. O. Rosendahl

RAYMOND HORACE LANDON

B.A. '19, Macalester College  
M.S. '22, University of Minnesota  
Major, Plant Physiology  
Minor, Geology  
Thesis, The Effect of Certain Chemicals on the Rate of Catalase Activity in Plants  
Major Adviser, Professor R. B. Harvey

ELMER SEVERN MILLER

B.S. '30, University of Minnesota  
Major, Botany (Plant Physiology)  
Minor, Organic Chemistry  
Thesis, A Study of Gas Exchange in Plants  
Major Adviser, Professor G. O. Burr

WILLIAM JAMES MITCHELL

B.S. in Ch.E. '29, M.S. in Ch.E. '31, University of Minnesota  
Major, Chemical Engineering  
Minor, Physical Chemistry  
Thesis, Studies of the Effect of Light on Cellulose and Cellulose Derivatives  
Major Adviser, Professor R. E. Montonna

WILLIAM HUGH RIDDELL

B.S.A. '22, University of British Columbia  
M.S. '24, University of Minnesota  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, The Relation of Phosphorus Deficiency to the Utilization of Feed  
Major Adviser, Professor C. H. Eckles

DAISY GRACE SIMONSEN

B.S. '26, Hamline University  
Major, Biochemistry  
Minor, Organic Chemistry  
Thesis, The Biological and Chemical Study of Cysteine and Cystine with Special Reference to Their Oxidation Reactions  
Major Adviser, Dr. E. C. Kendall

THOMAS LYNN SMITH

B.S. '28, Brigham Young University

M.A. '29, University of Minnesota

Major, Sociology

Minor, Agricultural Economics

Thesis, An Analysis of the Changes  
in Social Organization of the  
American Agricultural Village  
from 1900 to 1930

Major Advisers, Professor F. S.  
Chapin and R. W. Murchie

VELMA VIOLET SPAULDING

B.S. '18, University of Idaho

M.A. '32, University of Minnesota

Major, Preventive Medicine and  
Public Health

Minor, Child Welfare

Thesis, The Height and Weight of  
Tuberculous Children

Major Advisers, Professor H. S.  
Diehl and C. M. Jackson

DEGREES CONFERRED MARCH 23, 1933

THE COLLEGE OF DENTISTRY  
GRADUATE DENTAL HYGIENIST

JOSEPHINE GEORGE

THE MEDICAL SCHOOL  
GRADUATES IN NURSING

ELIDA VIRGINIA DEBORAH BENSON	ESTHER FISKE MITCHELL
GRACE JEANNETTE BLAKE	DELITE PETERMAN
EVELYN E. BRADY	FLORENCE L. RIDGWAY
LONETTA R. CHEELEY	RUTH LILLIAN RIGLER
RUBY B. DIXON	ALICE M. SCHERTZ
RACHEL JOSEPHINE EKRE	FLORENCE E. SCHULTZ
THERESA JAMES	JEAN NETTE WALLE
EDYTHE LAURETTA JOHNSON	MILDRED ELIZABETH WALTON
HORTENSE E. MCKAY	NORMA WENZEL
ELLENE SIGRID MELSTED	ROSANNA MARIE WOODS

FRANCES LEE WOODWARD

THE COLLEGE OF SCIENCE, LITERATURE,  
AND THE ARTS

BACHELOR OF ARTS

*magna cum laude*

VIRGINIA DALLAM WALLIS

BACHELORS OF ARTS

*cum laude*

EDWARD LANGFORD ADAMS  
LILLIAN GILLILLAND

SAMUEL OSMAN  
ROBERT BEACH WEST



## BACHELORS OF ARTS

MAUDE ELIZABETH BENJAMIN	LEO ROBERT KAPLAN
WILLIAM J. CAMPBELL	LORENE VIRGINIA LARSEN
RICHARD HAMILTON ERNST	EDWARD CURTIS LONG
JAMES ARTHUR HARRIS	JOHN TIMOTHY MULLEN, JR.
WILLARD HENRY HONSEY	EVERETT ALLEN OLSON
EDWARD THEODORE JOHNSON	HOWARD SCHIBEL
JAMES GIBSON JOHNSON	CLYBOURNE JAMES SINCOCK
	MARTIN WATTEN

## BACHELORS OF SCIENCE

MARJORIE E. DAVIS, B.A.	THYRA EDITHA WIRTENBERGER, B.A.
-------------------------	---------------------------------

## THE COLLEGE OF ENGINEERING AND ARCHITECTURE

### BACHELOR OF AERONAUTICAL ENGINEERING

HAROLD V. ANDERSON

### BACHELOR OF AGRICULTURAL ENGINEERING

JOHN JOSEPH LENZ

## BACHELORS OF CIVIL ENGINEERING

HARRY CARLSON	GEORGE E. LINDHJEM
STANLEY F. DES MARAIS	ROY EDWIN OLTMAN
HANS ALEXANDER HOFF	HAROLD KENNETH PRATT
ROBERT F. KREISS	GLEN HAROLD SWANSTROM

## BACHELOR OF INTERIOR ARCHITECTURE

LILLIE HELENA STROMBACK

## THE SCHOOL OF CHEMISTRY

### BACHELOR OF CHEMISTRY

HAROLD M. BOYD

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

### BACHELORS OF SCIENCE

*with distinction*

*(Course in Agriculture)*

EDWARD WILLIAM AITON	WILLARD WYNN GREEN
----------------------	--------------------

*(Course in Forestry)*

JOHN MILTON McMILLEN                      THEODORE BERNARD NIEHAUS  
FREDERICK FIELD WANGAARD

*(Course in Home Economics)*

ELIZABETH RUTH ROGOSHESKI

BACHELORS OF SCIENCE

*(Course in Agriculture)*

ENGELHARDT IRVING MANGER              PAUL GERHARD STROM

*(Course in Agricultural Science)*

ALLAN G. SANDHOFF

*(Course in Forestry)*

FRANK C. ALEXANDER	SULO OLIVER KOSKI
THURE C. DUVALL	LORENZ R. LINDSTROM
DAVID R. S. GIBNEY	JOSEPH H. LOZINSKI
ARTHUR GEORGE HORN	DONALD EDMUND PRICE
J. ALLEN JACKSON	ROLAND J. SCHAAR
WILLIAM WARREN JOLLY	HOWARD BELL SMITH
HENRY ARTHUR STOEHR	

*(Course in Home Economics)*

MARY ALICE PICKLES                      MARGARET L. PRINDLE

THE MEDICAL SCHOOL

BACHELORS OF SCIENCE

JOHN ADOLPH ANDERSON	VIVIAN MILDRED LARSON
GLEVA L. ERSKINE, G.N.	GENEVIEVE DORIS McCABE
SAMUEL ASHBY GRANTHAM, JR., B.S.	GEORGE MORIARTY, JR.
CHESTER MEREDITH GUERNSEY	ALTON CURTIS OLSON
BERNICE HANSEN	HAGBERT GOETZ RICE
RALPH O. HAYDEN	McCLELLAND SHELLMAN
MARGARET MAY JACKSON	THEODORE L. STEBBINS
FRANK R. KLUNE	LINCOLN FELCH STEFFENS, B.A., M.B.
JEROME D. TEXTOR	

THE SCHOOL OF MINES AND METALLURGY

ENGINEER OF MINES

*In Petroleum*

EDWARD HEATH WOEHRL

THE COLLEGE OF PHARMACY

BACHELOR OF SCIENCE

*In Pharmacy*

DONALD ROBERT SWEENEY

THE COLLEGE OF EDUCATION

BACHELORS OF SCIENCE

*with distinction*

GUDRUN BENSON

ELMER ESMOND HARMES

MINERVA H. PEPINSKY

EDITH BARNEY PETERSEN

JEANETTE CLARE VANDERHOOF

BACHELORS OF SCIENCE

LINAIRE CLARISSA ALEXANDER

GRACE JEANNETTE BLAKE

FLORENCE CATHERINE BUBOLTZ

ANN CULL

NELVA M. DE GROODT .

LUCY ADAMS DONLIN

CARL RICHARD EKLUND

HELEN I. ERICKSON

GERTRUDE MARGARET FEEHAN

ARTHUR PAISLEY FOSTER

T. MARGUERITE FROST

VIRGINIA ANNA HAKANSON

RUTH KOOIKER, G.N.

EVELYN ELAINE KRON

MAE K. LAMBERT

ESTHER FISKE MITCHELL

WILLIAM O'SHIELDS

ARVID R. PETERSON

LUCILLE MARY POLSKE

BENJAMIN H. SCOTT

ESTHER LILLIAN ZUELCH

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

BACHELORS OF SCIENCE

*(Course in Home Economics)*

CHARLOTTE FRANCES COTTINGHAM

ALDYTHE M. CRAIN

STELLA BLANCHE KAUL

ALICE ESTELLE MOLLENHOFF

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

RALPH C. CHASE  
HAROLD DAVIS  
ARNOLD GUSTAF ERICKSON  
ROBERT EUGENE EVANS  
RALPH JOHN GODIN  
KENNETH NEIL GRAY  
HERBERT RAY HOLMSTEN  
ROBERT A. HUELSTER  
LEONARD B. HURWITZ  
IRVING G. JOHNSON

ALLAN O. LANDKAMER  
JAMES WILLIAM LANG  
EDWARD HENRY LINN  
ERNEST JOSEPH MURPHY  
VERNON JOEL PERSON  
GUNNAR F. THOLEN  
PIERCE M. WELPTON  
BYRON STEVENS WHITE  
MARK DERR YAGER  
JOHN LAWRENCE YOERG

**UNIVERSITY COLLEGE**  
**BACHELOR OF ARTS**  
JEROME LIONEL JOSELWITZ

**THE COLLEGE OF DENTISTRY**  
**DOCTORS OF DENTAL SURGERY**

CHARLES ARTHUR PETTIT

JACK ROSEVE

**THE LAW SCHOOL**  
**BACHELOR OF LAWS**  
ALBIN GEORGE BERENS

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

CARL EDWIN COLE  
B.A. '22, St. Olaf College  
Major, Education  
Minor, History  
Thesis, An Analysis of the War  
Content of Thirty Junior and Senior  
High School American History  
Textbooks

EDDIS EMERY JANES  
B.A. '19, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Professional Growth of  
Classroom Teachers in Minneapolis  
High Schools

JOSEPH LUDWIG JOHNSON  
B.A. '23, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Study of Certain Factors  
Which Contribute toward Finan-  
cial Inequalities among Rural  
School Districts in Todd County,  
Minnesota

WILLIAM CARL MASCHE  
B.A. '30, University of Minnesota  
Major, Sociology  
Minor, Psychology  
Thesis, Factors Involved in the Con-  
solidation and Suspension of Daily  
and Sunday Newspapers in the  
United States since 1900: A Sta-  
tistical Study in Social Change

MARGARET WILHELMINE MUELLER  
B.S. '23, University of Illinois  
Major, Education  
Minor, Mathematics  
Thesis, Teachers' Difficulties in Teach-  
ing Plane Geometry

KATHERINE ANNE PRESTON  
B.A. '31, University of Minnesota  
Major, Psychology  
Minor, Educational Psychology  
Thesis, The Speed of Word Percep-  
tion and Its Relation to Reading  
Ability

COLLIN MAURITZ SEASHORE  
B.A. '30, Gustavus Adolphus College  
Major, Zoology  
Minor, Botany  
Thesis, A Comparative Study of  
Bottom-Fauna in the St. Croix  
River and a Connecting Bayou

## MASTERS OF SCIENCE

ALBIN EDWARD ANDERSON  
B.S. '30, University of Wisconsin  
Major, Dairy Husbandry  
Minor, Biochemistry  
Thesis, Some of the Factors Influ-  
encing the Composition of Butter-  
milk

WILLIAM FREDERICK FILBERT  
B.S. '28, Dakota Wesleyan University  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, Studies in the Alpha-Gamma  
Transposition

CHESTER MEREDITH GUERNSEY  
B.S. '33, University of Minnesota  
Major, Physiology  
Minor, Pathology  
Thesis, The Carotid Sinus and In-  
tracranial Pressure

RAPHAEL KOFF  
B.S. '31, University of Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, Norms of Ossification of  
the Bones of the Extremities

ALVA RAE PATTON  
B.S. '30, Montana State College  
Major, Agricultural Biochemistry  
Minor, Animal Genetics  
Thesis, The Influence of the Proteins  
of the Maternal Diet on the Com-  
position of the Proteins of the  
Fetus at Birth

SISTER MARY GLENORE RIEDNER  
B.A. '27, College of St. Benedict  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, A Study of the Effect of  
Coffee on Phosphorus Balance

## MASTER OF SCIENCE

### *In Electrical Engineering*

MARVIN O. C. JOHNSON  
B.E.E. '30, University of Minnesota  
Major, Electrical Engineering  
Minor, Mathematics  
Thesis, The Design, Construction, and  
Test of an Instrument for the  
Analysis of Steady State Sinu-  
soidal Voltage Waves along an  
Artificial Telephone Line

## MASTERS OF SCIENCE

### *In Mechanical Engineering*

FRANCIS JOHN DAASCH B.S. in M.E. '31, Iowa State College Major, Mechanical Engineering Minor, Metallography Thesis, A Study of Industrial Floor Coverings	ROBERT MASTERS LANDER B.M.E. '32, University of Minnesota Major, Mechanical Engineering Minor, Electrical Engineering Thesis, The Effect of Sunshine on the Temperature of Different Types of Surfaces
--	--

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

JOHN ADOLPH ANDERSON	KENNETH LAWRENCE KELSEY
WALLACE EVERETT ANDERSON, B.S.	IRVIN KERLAN, B.S.
MAURICE BORKON	FRANK R. KLUNE
EARL NATHANIEL BOSSINGHAM, B.S.	LUTHER GERHARD LERAAN
HAROLD F. BUCHSTEIN, B.A.	GEORGE MORIARTY, JR.
HENRY BANNISTER CLARK II, B.S.	GEORGE WILLIAM NEWMAN, B.S.
DAVID BENNETT DAVIS, B.A.	VERONICA O'BRIEN, B.S.
EVERETT WALLACE DELONG, B.S.	ALTON CURTIS OLSON
FREDERICK WILLIAM ENGDAHL, C.E.	G. LEONARD ORTH, B.S.
MARTIN GUST ERICSSON	PETER J. PANKRATZ
LESTER SANFORD FROGNER, B.A., B.S.	ROYAL CHESTER PAYNE
SAMUEL ASHBY GRANTHAM, JR., B.S.	MCCLELLAND SHELLMAN
C. GUSTAV HANSON, B.S.	THEODORE L. STEBBINS
RALPH O. HAYDEN	WILLIAM LEWIS WALL, B.S., M.S.
MELVIN L. HOVLAND, B.A.	MARJORIE WULFF, B.S.

## DOCTORS OF MEDICINE

NELS HENRY ANDERSON, B.S., M.B.      WALTER PHILIPPE MANNING, B.S., M.B.  
THOMAS ANTHONY ANGLAND, B.S., M.B.      ALFRED MERRILL McCAUSLAND, B.S.,  
CLAYTON T. BEECHAM, B.S., M.B.      M.B.  
CLARENCE HAROLD BUCKLEY, B.S., M.B.      WILLIAM J. LONG PORCHER, B.S., M.B.  
STEWART THEODORE GINSBERG, B.S., M.B.      LEO R. PRINS, JR., B.S., M.B.  
RICHARD FRED HERBST, B.S., M.B.      WILLIAM CRANE SCOTT, B.S., M.B.  
ROBERT WINSTON HOLMEN, B.A., B.S.,      ROSEL T. SEASHORE, B.A., M.B.  
M.B.      RUSSELL O. SPITTLER, B.S., M.B.  
PHILIP EDWARD KARLEEN, B.S., M.B.      LINCOLN FELCH STEFFENS, B.A., M.B.  
ARTHUR AUGUST HERMAN KOEPSSELL,      ROY GLEN SWENSON, B.S., M.B.  
B.S., M.B.      BERTRAM LAWRENCE TRELSTAD, B.A., B.S.,  
CARL GUSTAV KRONING, B.S., M.B.      M.B.  
HORACE DE LIEN, B.S., M.B.      DANIEL JOHN WALIGORA, B.S., M.B.

## GRADUATE SCHOOL

### DOCTORS OF PHILOSOPHY

PAUL GERHARD HOEL      JOHN WILLIAM MOORE  
B.A. '26, Luther College      B.S. '24, South Dakota State College  
M.A. '29, University of Minnesota      M.S. '26, University of Minnesota  
Major, Mathematics      Major, Botany  
Minor, Physics      Minor, Geology  
Thesis, Certain Problems in the      Thesis, New and Critical Plants  
Theory of Closest Approximation      from Raiatea  
Major Adviser, Professor Dunham      Major Adviser, Professor C. O.  
Jackson      Rosendahl

TA CHING LOH      CAROL BURT PRATT  
B.S. '29, Cornell University      B.A. '29, Willamette University  
M.S. '30, Louisiana State University      Major, Biophysics  
Major, Plant Pathology      Minor, Pharmacology  
Minor, Botany      Thesis, Some Biological Effects of  
Thesis, A Study of the Pathogenicity      the High Frequency Electrical  
and Physiology of Certain Organ-      Field  
isms of Rice      Major Adviser, Dr. Charles Sheard  
Major Adviser, Professor E. C.  
Stakman

HONORS AND PRIZES ANNOUNCED ON CAP  
AND GOWN DAY, MAY 11, 1933

PHI BETA KAPPA

ANNE ARMSTRONG  
BETTY G. BAXTER  
GENEVIEVE BILLINGS  
ELIZABETH BLASING  
CAROLINE BREDE  
LOUISE DENEFF  
DOROTHY DIXON  
HEDLEY DONOVAN  
HELEN ELVEBACH  
JOHN FINN  
FLORENCE E. FORD  
ALICE FURBARI  
SAADIA GELB  
JOHN GILLILLAND  
ROSS A. GORTNER, JR.  
JEAN HAGSTRUM  
DOROTHY C. HARRIS  
HANNA L. HARRIS  
RUTH HAYCOCK  
HUBERT HINTGEN

LAURA B. HUGHES  
PATTY HYNES  
HELEN E. JENSEN  
HERMAN LASKEN  
FREDA M. LAUDON  
LEE LOEVINGER  
DONALD M. NELSON  
EDNA M. NELSON  
RUSSELL A. NELSON  
ROBERT NIESS  
CHARLES W. NYQUIST  
RAYMOND PEPINSKY  
MARIAN RASMUSSEN  
MARY F. RAWLING  
SHERNA SHALETT  
EDWIN SHEFFIELD  
AUDREY STEVENSON  
VIRGINIA D. WALLIS  
LOIS WHITE  
ARTHUR B. WHITNEY

SIGMA XI (Mayo Foundation Chapter)

E. A. BRAV  
JAMES GILLESPIE  
F. Z. HAVENS

HERBERT POLLACK  
JAMES R. ROGIN  
E. H. RYNEARSON

LAMBDA ALPHA PSI

HAROLD ANTHONY ALBRECHT  
RUTH EVELYN ALVOR  
HUGH D. COLBY  
ALICE J. CONNOLLY  
MARION E. CROSS  
MARGARET A. ERNST  
JOHN FRANCIS FINN  
ALICE PATRICIA FURBARI

EMMA GODEMAN  
HOWARD S. JORDAN  
MARK ANTONY JUREK  
JANE KAVANAGH  
ANNA MARY KEENAN  
AGNES L. KOEHLER  
DORIS L. KRETZSCHMAR  
E. LORAIN LAUTERBACK



HAYDEN LeCLAIRE  
WALTER D. LOBAN  
JESSE M. McFADYEN  
SYLVIA MERRILL  
FERN AUDREY MORRISON  
EDNA MARIE NELSON  
ROBERT JUDSON NIESS  
IVAN NYLANDER  
RICHARD H. OLMSTED

RUTH ANNE OLSEN  
MINERVA H. PEPINSKY  
WALTER SEIDENKRANZ  
ROBERT E. SHEETS  
GEORGE P. STUMP  
MARJORIE H. THURSTON  
MARGARET WACKNITZ  
ELLA R. WEIHING

### TAU BETA PI

COURTLAND AGRE  
ALVIN G. ANDERSON  
ROMAN ARNOLDY  
ROGER BOSSEN  
HELMER BROCKHOFF  
REYNOLD CALEEN  
ROBERT CONARY  
PAUL ERICKSON  
WALTER GUSTAFSON  
MYRON HALL  
RALPH HAMMOND  
JOHN HANCOCK  
GORDON HOLLINGSWORTH  
EDWARD W. KAISER  
EDWARD KELLS  
MILES KERSTEN  
ROY KING

ADOLPH KUPKA  
JACK LENHART  
GEORGE C. LINDQUIST  
WILLIAM E. LUNDQUIST  
LADDY MARKUS  
CHARLES MARTIN  
S. IVAR PEARSON  
OTTAKAR PRACHAR  
HENRY RAHN  
PETER RIEDE  
JOHN RIPKEN  
WILLIAM SEARS  
MARVIN SEDAM  
WILLIAM G. SHEPHERD  
HUGO SHOGREN  
WILBERT TREPP  
BERT O. WOOD

### TAU SIGMA DELTA

N. HILLIS ARNOLD  
JOHN R. BERGAN  
GORDON M. COMB

HELEN S. HAMMOND  
HUBERT H. SWANSON

### ETA KAPPA NU

BENJAMIN AXILROD  
ROBERT L. CARLSON  
JOHN M. CLAREY  
MORRIS COHEN  
JOSEPH GETSUG  
RALPH HAMMOND  
JOHN HYVARINEN

ORVILLE JENSEN  
JENNINGS JOHNSON  
CHARLES MARTIN  
STANLEY NORRIS  
S. IVAR PEARSON  
LAURENCE PETERSON  
ARVID TURNQUIST

## PI TAU SIGMA

ROMAN F. ARNOLDY  
NORMAN E. CARLSON  
CLAYTON E. EBERT  
LEANDER J. FISCHER  
GEORGE M. GRAETZ  
HELMER E. HANSON  
RUSSELL W. JOHNSON  
EDWARD L. KELLS  
ROY L. KING

MORRIS C. KNIGHT (deceased)  
DONALD E. LESLIE  
NORBERT F. MENGELKOCH  
OTTAKAR P. PRACHAR  
GAYLE B. PRIESTER  
PETER M. RIEDE  
DONALD C. ROLLINS  
CLIFFORD N. SONNESYN  
ROBERT B. WHERLAND

## CHI EPSILON

ALVIN G. ANDERSON  
ROBERT L. FEFFERMAN  
GOODWIN H. HOLMQUIST  
ROY KARLEN  
MILES S. KERSTEN

PHILIP KILPATRICK  
LEWIS MARTIN  
JOHN F. RIPKEN  
HUGO T. SHOGREN

## GAMMA SIGMA DELTA

R. H. BAMBERG  
JAMES R. CAVERS  
RICHARD T. CLARK  
SPENCER B. CLELAND  
SYDNEY DICKINSON  
RAYMOND S. DUNHAM  
HARVEY D. ERICKSON  
WILEY FULLER  
ROY M. GILCREAST

HENRY HANSEN  
ERNEST O. HERREID  
ALEXANDER C. HODSON  
TA CHING LOH  
THEODORE NIEHAUS  
EZRA REINEKE  
FRANKLIN D. WALLACE  
GEORGE WISE  
OTTO R. YOUNGE

## OMICRON NU

LORRAINE CROUCH  
RUTH M. DAVIS  
ROSLYN GIRAUD  
ELIZABETH GOETZ  
HILDEGARDE JOHNSON  
ANNA LINDGREN  
FRANCES OBST

AGNES QUAMME  
BETTY RAMSDELL  
ELIZABETH RIVERS  
ANITA SALLANS  
RUTH SWEENEY  
HAZEL THARP  
CHARLOTTE YOUNG

## ORDER OF THE COIF

JAMES SHONTS ERIKSSON  
STANLEY V. KINYON  
WALDO MARQUART  
PHILIP NEVILLE

BERNARD M. PIRKL  
ORLANDO RUDSER  
EVERETT E. SMITH

## ALPHA OMEGA ALPHA

CHARLES J. BETLACH  
HAROLD BUCHSTEIN  
DELMAR R. GILLESPIE  
RALPH O. HAYDEN  
ALBERT THEODORE HAYS

ROBERT HEBBEL  
WILLIAM KOSTICK  
VERONICA O'BRIEN  
ISADORE J. PASS  
LLOYD ASHLEY WHITESELL

## OMICRON KAPPA UPSILON

HAROLD W. CLAUSEN  
WILLIAM J. JAMES  
WALTER C. KANNE  
RAYMOND E. KASPER  
CONRAD T. KVAM

JOHN H. LUNDAY  
ERNEST W. LODMELL  
SOLOMON D. POSNER  
RUSSELL E. RISBRUDT

## RHO CHI

JACK KAPLAN

## PHI LAMBDA UPSILON

CHARLES E. CALVERLEY  
MELVIN CALVIN  
ROBERT E. CONARY  
RUSSELL O. DENYES  
FRANK S. GRIFFITH  
ROSS A. GORTNER, JR.  
EVERETT J. HOFFMAN  
SIGMUND J. JACOBS  
HILARY J. JOZWICK  
ANTHONY A. JUETTNER  
DELBERT F. JURGENSON, JR.  
EDWARD W. KAISER  
WILLIAM D. LARSON

GORDON F. LINDNER  
GEORGE A. LORENZ  
HAROLD P. LUNDGREN  
CHARLES E. MORRELL  
JOHN W. NELSON  
RUSSELL A. NELSON  
HENRY W. RAHN  
HENRY C. REITZ  
FREDERICK D. SCHMALZ  
STANLEY J. SHIMA  
OSCAR SKOVHOLT  
GLENN E. ULLYOT  
ARTHUR W. WISHART

## IOTA SIGMA PI

AVIS BEYER  
CAROLINE CHAMBERLAIN  
RUTH DAVIS

FLORENCE SPERRY  
ISABELLA M. WEBSTER  
ELSIE ZOHNER

## PI LAMBDA THETA

ALPHILDA ANDERSON  
GRACE ARMSTRONG  
VIRGINIA BIDDINGER  
ANNA A. CAWLEY  
DOROTHY J. DIXON

MARGARET ERNST  
ELLEN FROGNER  
THETA HOLMES  
MARIAN M. JONES  
ELLA A. LISKEY

ROSALIND L. MACBEAN  
KATHLEEN McCONNON  
JANET McGAFFEY  
RUTH A. NORMAN  
FRANCES OBST  
GERTRUDE PAGE  
M. FLEETA RAWLING  
ELIZABETH RIVERS  
TILLIE SCHLUMBERGER  
MABEL SMITH

BERNICE SUTHERLAND  
DOROTHY C. SWEET  
MAXINE SWENSON  
CORNELIA D. TAYLOR  
HAZEL THARP  
EVELYN WARNKE  
LOIS WHITE  
LENORE E. WOLFE  
MARY WOODRING

### BETA GAMMA SIGMA

DAVID DONOVAN  
JOHN B. GILLILLAND  
JOHN GLAS  
LEONARD B. HURWITZ  
HELEN L. KING  
RUSSELL W. LAXSON

RICHARD LINDGREN  
THOMAS S. McCART  
CHARLES NYQUIST  
ARNE S. PETERSON  
BERGER SKONNARD  
DONALD M. SWANSON

### GAMMA EPSILON PI

DOROTHY DEMING  
MARGARET WACKERMAN

SHIELA YOUNG  
PEARL YOUNGREEN

### DELTA PHI LAMBDA

JOSEPH W. BEACH  
FLORENCE M. BILLINGS  
DONALD BOWERS  
GLADYS HASTY CARROLL  
GEORGE CHANCE  
C. IRVING CLARK  
WINFIELD DEAHOFE  
BERNICE ELLIOTT  
LILLIAN ENGBRETSON  
JEAN HESKETT  
JERRY HUDSON  
SOL KANTER  
HOWARD LAMPMAN  
LUCILLE LARAMIE  
BETTE MARCH

EDWARD MAYO  
DORIS McFERRAN  
EDNA NELSON  
CHARLES W. NICHOLS  
MARTHA OSTENSO  
RUTH PLANK  
GERALD REGAN  
JUSTIN SCHIFFERS  
ARNOLD SEVEREID  
DAVID SILVERMAN  
JOSEPH M. THOMAS  
MARION VAN STEENWYK  
WALTER G. WYATT  
BERYL YANCEY  
CHARLES ZIERING

### MU PHI EPSILON

DOROTHY PARRISH

## DELTA SIGMA PSI

RICHARD B. HANGER  
HAROLD I. HOLT

MARIE KJELAAS

## SIGMA EPSILON SIGMA

LELAH ALICE BALL  
PHYLLIS BARNARD  
LUCILE MARIE BENNETT  
FLORENCE BILLING  
DORIS BLOMQUIST  
HELEN BROHAUGH  
JUNE CARLSON  
EDITH CHRISTENSEN  
MARGARET DAY  
JANET EDWARDS  
BETSY EMMONS

HELEN L. HOFF  
BETTY KELLER  
LOIS LAMBERT  
ENID PEARCE  
MARION PFAENDER  
FANNIE ROSENBERG  
ELIZABETH SMITH  
GRACE SOLEATHER  
BETTY STOCKS  
JANE VAN BRAAK

# FELLOWSHIPS AND SCHOLARSHIPS

## THE SHEVLIN FELLOWSHIPS

*Science, Literature, and the Arts*

CHARLES MARVIN GATES

*Agriculture, Forestry, and Home Economics*

EDWARD KEMP VAUGHAN

*Medicine*

CHARLES WESLEY BUGGS

*Chemistry*

CLARENCE LLEWELYN MOYLE

## THE CALEB DORR GRADUATE RESEARCH FELLOWSHIPS

TENHO EWALD MAKI

REGINALD W. SALT

## THE ALBERT HOWARD SCHOLARSHIP

RICHARD DU TOIT CARLSON

## THE CLARA UELAND FELLOWSHIP

DOROTHY HOUSTON

## COFFMAN FOUNDATION SCHOLARSHIP

RUTH C. HAYCOCK

## FELLOWSHIP ASSOCIATION SCHOLARSHIP

JOHN FINN

## DELTA SIGMA PSI SCHOLARSHIP

ARTHUR ANGELL

MUSIC SCHOLARSHIP

CONSTANCE LANE

THE ALPHA ZETA SCHOLARSHIP

BERNIE D. PETERSON

THE CALEB DORR SCHOLARSHIPS AND MEDALS

*Senior medals*

THEODORE B. NIEHAUS

FLORENCE E. BRUCE

*Junior scholarships*

EZRA P. REINEKE

BETTY RAMSDELL

*Sophomore scholarships*

ELMER H. ZIEGENHAGEN

EDITH M. CHRISTENSEN

THE SAMUEL B. GREEN SCHOLARSHIP

THEODORE B. NIEHAUS

THE MINNESOTA STATE PHARMACEUTICAL  
ASSOCIATION SCHOLARSHIP

JACK KAPLAN

MARION VANNIER SCHOLARSHIP

RUTH RIGLER

## PRIZES

CLASS OF 1889 MEMORIAL PRIZE IN HISTORY

JULIUS A. COLLIER II

THE WILLIAM JENNINGS BRYAN PRIZE

LILLIAN GILLILLAND

THE FORENSIC MEDAL

JEAN HAGSTRUM

SAADIA GELB

LENORE WOLFE

THE ALUMNI WEEKLY GOLD MEDAL

LEE LOEVINGER

THE AMERICAN INSTITUTE OF ARCHITECTS MEDAL

KENNETH R. LUNDBERG

SOUTHERN MINNESOTA MEDICAL ASSOCIATION MEDAL

HAROLD BUCHSTEIN

THE LEHN AND FINK GOLD MEDAL

EDWARD BRECHT

THE WULLING CLUB GOLD KEY

GEORGE CROSSEN

THE JOHN S. PILLSBURY PRIZES

*First place*

LENORE WOLFE

*Second place*

LEE LOEVINGER

*Third place*

SAADIA GELB



THE FRANK H. PEAVEY PRIZES

GENEVIEVE ARNOLD

BERTRAM TALSNESS  
HOWARD S. KAHN

KAPPA RHO AWARD

LENORE WOLFE

THE LAMBDA ALPHA PSI PRIZE

BETTY BLASING

SIGMA DELTA CHI SCHOLARSHIP AWARDS

BJÖRN BJÖRNSSON  
HANNA LEA HARRIS

VIRGINIA HARRIS  
GRACE E. REINHARD

THE CHI OMEGA PRIZE

ELIZABETH WATERS

THE HELEN DWAN PRIZE

CLIFFORD W. MENZ

MINNESOTA CHAPTER, AMERICAN INSTITUTE OF  
ARCHITECTS PRIZES

*First prize*

KENNETH R. LUNDBERG

*Second prize*

JARL SEPPANEN

WILLIAM A. FRENCH PRIZES IN INTERIOR DECORATION

Awarded 1932

*First prize*

MAY OHRBECK

*Second prize*

EUGENIA BJODSTRUP

NORTHWESTERN SECTION, AMERICAN SOCIETY OF  
CIVIL ENGINEERS PRIZES

*First prize*

ROBERT KREISS

*Second prize*

JACK LENHART

MINNESOTA CHAPTER, AMERICAN SOCIETY OF  
MECHANICAL ENGINEERS PRIZES

*First prize*

DONALD E. LESLIE

*Second prize*

GAYLE B. PRIESTER

*Third prize*

FRANK J. VENTURA

TAU BETA PI PRIZE

SHERMAN L. PEASE

ETA KAPPA NU PRIZE

HOMER D. HAGSTRUM

THE PI TAU SIGMA PRIZE

HAROLD W. SHAW

CHI EPSILON PRIZE IN CIVIL ENGINEERING

EDWARD SILBERMAN

ALPHA ALPHA GAMMA PRIZE IN ARCHITECTURE

HERLUF M. JENSEN for 1932

PHI LAMBDA UPSILON PRIZE

DAVID CALDWELL GRAHAME

ALPHA CHI SIGMA PRIZE

DAVID CALDWELL GRAHAME

CHEMISTRY FACULTY PRIZE

FREDERICK T. WALL

SOUTHERN MINNESOTA MEDICAL ASSOCIATION PRIZE

LLOYD WHITESELL

CHARLES LYMAN GREENE PRIZE IN PHYSIOLOGY

LAWRENCE B. WINKELSTEIN

MINNESOTA ACADEMY OF MEDICINE PRIZE

JOHN CHAPLIN BARTON

LOUISE M. POWELL PRIZE

MILDRED ALMQUIST

AGNES DICKSON LOVE

ALPHA KAPPA GAMMA PRIZE

ELIZABETH M. NETHERLY

THE CONFERENCE MEDAL

KENNETH GAY

# University of Minnesota

SUMMER SESSION  
COMMENCEMENT EXERCISES  
1933



NORTHROP MEMORIAL AUDITORIUM  
THURSDAY, JULY TWENTY-SEVENTH, AT TEN O'CLOCK

## ORDER OF EXERCISES

President LOTUS D. COFFMAN, Presiding

PROCESSIONAL—Krönungsmarsch “Le Prophète” - *Meyerbeer*

SUMMER SESSION ORCHESTRA

ABE PEPINSKY, Conductor

SONG—“America”

My country! 'tis of thee,  
Sweet land of liberty,  
Of thee I sing;  
Land where my 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—“A Dirigible Education”

RICHARD R. PRICE, Ed.D.

Director, University Extension, University of Minnesota

MUSIC—Ouvèrtüre zu dem Zauberspiele “Rosamunde” - *Schubert*

SUMMER SESSION ORCHESTRA

CONFERRING OF DEGREES

LOTUS D. COFFMAN, Ph.D., LL.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.

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 lounge rooms which have been provided for the purpose.

## CANDIDATES FOR GRADUATION

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

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

#### BACHELOR OF ARTS

†*summa cum laude*

DOROTHY EDITH PARRISH

#### BACHELORS OF ARTS

HAROLD DONALD ARNESON	HELEN LUCRETIA JONES
WILDA JOSEPH LANCASTER BUDD	ROBERT LEIGHTON II
MILTON ALLYN GALLUP, JR.	STELLA SERENA MATHEWS
PHILIP EMANUEL HAMMARGREN	HELEN ELIZABETH THOMPSON
GORDON EVERETT JACKSON	

#### BACHELORS OF SCIENCE

DELPHINE CLARRISA BROOKS	ADELINE ULANOVE
VIVIAN A. STEFFLE	CHARLOTTE JUNE WHITTEMORE
BARBARA LOUISE TYLER, B.A.	M. LUCINDA ZIMMERMAN

### COLLEGE OF ENGINEERING AND ARCHITECTURE

#### BACHELORS OF AERONAUTICAL ENGINEERING

STANLEY ADOLPH BERGSTROM	BERNARD FRANCIS SCHROEDER
WILLIAM RICHARDSON ECKHOFF	CHARLES HOWARD SWANSON
JOHN WARREN KIMMEY	DELBERT SEVERANCE

#### BACHELORS OF CIVIL ENGINEERING

DONALD H. CHILDS	JAMES MERRITT NELSON
CARL HERMEN CHRISTIANSEN	RAYMOND OSCAR NORTON
HERSHEL ENGLER	

#### BACHELOR OF ELECTRICAL ENGINEERING

MATTHEW P. CUNNINGHAM

† Candidate graduating with honors is identified by differentiated shoulder insignia.

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

**BACHELORS OF SCIENCE**

*(Course in Home Economics)*

GERTRUDE PATRICIA HAYES

GAIL JOSEPHINE HUSKINSON

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

**BACHELOR OF SCIENCE**

*†with distinction*

*(Course in Home Economics)*

AGNES CHARLOTTE QUAMME

**BACHELORS OF SCIENCE**

*(Course in Home Economics)*

FLORENCE ENG

EUNICE LEONA SNOOK

**COLLEGE OF AGRICULTURE, FORESTRY AND HOME  
ECONOMICS AND THE SCHOOL OF  
BUSINESS ADMINISTRATION**

**BACHELOR OF BUSINESS ADMINISTRATION**

*In Agriculture*

JULIAN CLARENCE JOHNSON

**SCHOOL OF MINES AND METALLURGY**

**METALLURGICAL ENGINEER**

HARRY HELTZER

**COLLEGE OF PHARMACY**

**BACHELORS OF SCIENCE**

*In Pharmacy*

EMIL J. HOREJSI

MORRIS A. STOLLER

† Candidate graduating with honors is identified by differentiated shoulder insignia.



COLLEGE OF EDUCATION  
BACHELOR OF SCIENCE

†with high distinction  
ETHEL WHITING WOOD

BACHELORS OF SCIENCE

†with distinction

ADDIE ESTHER BLAKELEY	BESS JUNE KNOX
MARION ELIZABETH BOGGS	ROSE SYLVIA KRAKAUER
MAURICE FREDERICK CARR, B.S.	WALTER STANLEY LARSON
CLARA B. FELIEN	ALICE WILHELMINA MAGNUSSON
ORA HOY	MARY EVELYNE O'NEILL
EDNA MESSER JENKS	MILTON W. VIHSTADT
HARRIET KINNE	FLORENCE STUART WEBB

BACHELORS OF SCIENCE

MARGARET MARY BARBAREE	JANE MARY HUGHES
FRANCES HELENA BOTSFORD	RUBY D. HUNTER
LAURA GLEE BURROWS	MARIE ADELAIDE JONES
HELEN LOUISE BUSCH	MARGARET S. KEIZER
NORA MARY CASEY	RUTH MORGAN KITTEL
GEORGE WILEY CHANCE	IDA MARIE KJELSTAD
LILLIAN B. CLAWSON	DARROEL O. KNOERR
LAURA ABBY COLE	NICHOLAS E. LAHTI
RAYMOND ANDREW DAHLGREN	MARGARET A. LEARY
HELEN GERTRUDE DARGAY, G.N.	HERBERT CHARLES LEVENICK
ADALINE THEODORA DOCK	VIRGIL FREDERIC LIGHT
ISABELL T. DRISCOLL	BERTHA ALMA LYONS
REGINA MARIE DROLET	JOHN WILLIAM MLINAR
CLARA M. FELDE	ISABELLE E. NORLANDER
MARY LOUISE FIELD	DOROTHY ELEANOR NUTT
MATHILDA L. GANTZER	AGNES MARGUERITE PETERSON
HAZEL MILDRED GOARD	LLOYD ALLEN PETERSON
MAYNARD R. GRAHAM	WILLIAM JOHN SCHROEDER
FLORENCE JEAN HALVORSON	EDYTHE PAULINE SLOAN
META HANSEN	MITCHELL STEVEN SMILJANICH
HELEN GERALDINE HARRISON	HELEN MARIE SULLIVAN
ELEANOR MINNA HARTWIG	AUGUSTA M. THOMAS
WALTER LOUIS HASS	REYNOLD BENNETT WESTERBERG
HAZEL IOLE HEGLAND	NATHAN WALKER WRIGHT, B.S.

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

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

BYRON SHELLEY ANDERSON  
CHARLES ROBERT BEATTIE, JR.  
GLENN H. BETHEL  
MARGARET P. DICKENS  
ALDEN GODFREY FREDIN

DOUGLAS ALLEN MCGREGOR  
VERNON STANTON OKERLUND  
CHARLES WALTER NYQUIST  
GEORGE WILBUR SANBERG  
SAMUEL SHAPIRO

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

WALTER KENNETH BORGENDALE  
DOUGLAS GORDON GANFIELD  
SOLOMON SAM KANUN

MAX DOUGLAS LANGER  
MILO C. WALLIN

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

EARL ARTHUR ABRAHAMSON  
B.A. '21, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A General Survey of the  
School System in Renville County,  
North Dakota

MARY JOSEPHINE CULHANE  
B.A. '32, University of Minnesota  
Major, English  
Minor, Romance Languages (French)  
Thesis, The Influence of Milton on  
Wordworth's Sonnets and *The  
Excursion*

ALICE VICTORIA BJORKING  
B.S. '26, University of Minnesota  
Major, Political Science  
Minor, History  
Thesis, Development of Congres-  
sional Power to Regulate Food  
and Drugs

VERA HANAWALT FROELICHER  
B.A. '25, Whittier College  
Major, Speech  
Minor, Psychology  
Thesis, Herbert Clark Hoover: An  
Interpretation of Persuasion as a  
Study in the Verbalization of an  
Unconscious Dualism of Habits

WARREN PARKER CLARK  
Ph.B. '26, University of Wisconsin  
Major, Education  
Minor, Physics  
Thesis, An Application of the Beta  
Hypothesis to the Teaching of  
High School Physics

FLOYD OLIVER GILBERT  
B.A. '26, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Survey of Statewide Test-  
ing Programs in High School Sub-  
jects

REEDE GRAY

B.A. '25, Carleton College  
Major, Education  
Minor, Educational Psychology  
Thesis, The Preparation of Chemistry Teachers in Selected Universities, Liberal Arts Colleges, and Junior Colleges

ISAAC LABE HOFFMAN

B.A. '29, University of Michigan  
Major, Sociology  
Minor, Anthropology  
Thesis, A Preliminary Analysis of Ogburn's Theory of Cultural Determinism in the Light of the History of a Specific Non-Material Culture Complex—Hallowe'en

CHARLES WALTER HUNZIKER

B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Comparison of the Relative Effectiveness of a Plan of Supervised Study and Daily Recitation Method in the Teaching of Algebra and Geometry

MERRILL EARL JARCHOW

B.A. '30, University of Minnesota  
Major, History  
Minor, Sociology  
Thesis, The Social and Cultural Aspects of the Methodist Church in Pioneer Minnesota

EDWARD WILLIAM JOHNSON

B.A. '31, University of Minnesota  
Major, Geology  
Minor, Economics  
Thesis, The Geology of the Region about Faribault, Minnesota

HARVEY ELTON MARQUETTE

B.S. '26, South Dakota State College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Public School Transportation in South Dakota

THOMAS PATRICK MINEHAN

B.A. '24, University of Minnesota  
Major, Sociology  
Minor, Psychology  
Thesis, A Study of the Attitudes of Transient Men and Boys in St. Paul, Minnesota

DEE C. MITCHELL

B.S. in C.E. '10, University of Nebraska  
Major, Educational Administration  
Minor, Preventive Medicine  
Thesis, A Survey of Health Instruction in Senior High Schools

JOSEPH HAYES PADEN

B.S. '32, University of Illinois  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, Reaction of Polymethylbenzenes with Diazonium Compounds

EDWIN CLARK REICHERT

B.A. '32, University of Wisconsin  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Effect of High School Economics upon Success in Junior College Economics

JAMES ARLOWE SHELDON

B.A. '26, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Study of the Present Status of Student Government in the High Schools of Iowa

SARAH STONE

B.A. '31, University of Minnesota  
Major, Sociology  
Minor, Psychology  
Thesis, A Comparative Study of the  
Religious Attitudes of Parents and  
Their Children

ELIZABETH OLMSTED WARNER

B.A. '32, Mt. Holyoke College  
Major, Zoology  
Minor, Anatomy  
Thesis, Studies on the Two Tape-  
worms of the Rat, *Hymenolepis*  
*Nana* and *Hymenolepis Diminuta*

ALPHA CORINE TWETLEY

B.A. '32, University of Minnesota  
Major, English  
Minor, Romance Languages (French)  
Thesis, Boccaccio's *Pandaro* and  
Chaucer's *Pandarus*: A Compara-  
tive Study

WALTER SAMUEL WILDE

B.A. '31, Miami University  
Major, Zoology  
Minor, Biometry  
Thesis, An Experimental Study of  
the Chemical Senses of the Com-  
mon Garter Snake *Thamnophis*  
*sirtalis sirtalis* (Linné)

## MASTER OF SCIENCE

LOIS SELLERS

B.S. '29 University of Manitoba  
Major, Biochemistry  
Minor, Physiological Chemistry  
Thesis, Properties of the Proteins  
Resulting from the Thermal Frac-  
tionation of Glutenin

## MASTER OF SCIENCE

*In Dermatology and Syphilology*

WALTER CHARLES POPP

M.D. '29, University of Pittsburgh  
Major, Dermatology and Syphilology  
Minor, Biophysics  
Thesis, Reaction of Skin to Grenz  
Rays

## MASTER OF SCIENCE

*In Pathology*

HAROLD CLIVE THORNTON

M.D. '26, Emory University  
Major, Pathology  
Minor, Bacteriology  
Thesis, A Study of the Breast in  
Involution and in Pathological  
Conditions (with Special Refer-  
ence to the Occurrence of Abnor-  
mal Epithelial Proliferation and  
"Pale" Epithelium)

## MASTERS OF SCIENCE

### *In Orthopedic Surgery*

GEORGE HAROLD RYAN

M.D. '29, University of Manitoba

Major, Orthopedic Surgery

Minor, Pathology

Thesis, Endothelial Myeloma

WALTER GOODLOE STUCK

B.S. '26, Emory University

M.D. '29, Washington University

Major, Orthopedic Surgery

Minor, Pathology

Thesis, The Effect of Insulin on the  
Healing of Experimental Frac-  
tures in the Rabbit

## MASTERS OF SCIENCE

### *In Surgery*

ADOLPH ASHER APPELL

M.D. '29, University of Toronto

Major, Surgery

Minor, Pathology

Thesis, The Effect of Jejunal Feed-  
ing on Gastric Acidity

RICHARD JACQUES BENNETT, JR.

M.D. '27, Temple University

Major, Surgery

Minor, Pathology

Thesis, An Experimental Study of  
Wound Healing after Pancreatec-  
tomy. I. Fibrous Healing

EMMET LANE RIXFORD, JR.

B.A. '26, M.D. '30, Stanford Uni-  
versity

Major, Surgery

Minor, Pathology

Thesis, Aleuronat Peritonitis: An  
Experimental Study of Peritoneal  
and Vascular Reactions

## MASTER OF SCIENCE

### *In Urology*

JAMES HOWARD SHANE

B.A. '23, University of Texas

M.D. '27, Harvard University

Major, Surgery

Minor, Pathology

Thesis, Chronic Unilateral Pyelone-  
phritis

## DOCTORS OF PHILOSOPHY

ALVIN WALTER JOHNSON

B.A. '20, M.A. '23, University of  
Michigan

Major, Political Science

Minor, History

Thesis, The Present Status of Church  
and State as Related to the Public  
School of the United States

Major Adviser, Prof. O. P. Field

MARIAN AUGUSTA WILDER

B.A. '27, M.A. '30, University of  
Minnesota

Major, Mathematics

Minor, Biometry

Thesis, Some Problems in Closest  
Approximation over a Discrete  
Set of Points

Major Adviser, Prof. Dunham Jack-  
son

ROGER VERNON SHUMATE

B.A. '28, M.A. '29, University of  
California

Major, Political Science

Minor, History

Thesis, The Reaction Against Re-  
presentative Government in the  
United States

Major Adviser, Prof. Wm. Anderson

JOHN BAPTIST WOLF

B.A. '29, M.A. '30, University of  
Colorado

Major, History

Minor, Political Science

Thesis, The Diplomatic History of  
the Bagdad Railroad

Major Adviser, Prof. L. D. Steefel

# University of Minnesota

## COMMENCEMENT CONVOCATION FALL QUARTER

1933



NORTHROP MEMORIAL AUDITORIUM  
Thursday, December 21, 1933, Eleven-Fifteen O'Clock

# PROGRAM

PRESIDENT LOTUS D. COFFMAN, Presiding

PROCESSIONAL—"March of the Priests" (Athalie) *Mendelssohn*

MR. GEORGE H. FAIRCLOUGH

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 Political Trend"

HENRY M. WRISTON, Ph.D., LL.D.

President of Lawrence College

ORGAN SOLO—Fantasia on Two Old Noels - - - *Pietro Yon*

MR. FAIRCLOUGH

CONFERRING OF DEGREES

LOTUS D. COFFMAN, Ph.D., LL.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.

RECESSIONAL—Toccata in F - - - - - *Widor*

MR. FAIRCLOUGH

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 lounge rooms which have been provided for the purpose.

# 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 HYGIENIST

FRANCES MARIE KEEGAN

## MEDICAL SCHOOL

### GRADUATES IN NURSING\*

VERNA A. EDDY  
RUTH H. KRAGTORP

MAURINE RICHARD  
DORA EMILIE SORENSON  
MYRTLE TOKLE

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### BACHELORS OF ARTS

†*magna cum laude*

HAZEL VIOLET DUNLAP

GLADYS LEONA WATSON

### BACHELORS OF ARTS

†*cum laude*

JANET ANNE MACOUBREY  
DONALD MILES NELSON

LA RUE SPIKER  
PHYLLIS ASENATH TURRITTIN

### BACHELOR OF SCIENCE

†*cum laude*

FERN MARIE FISK

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to March 22, 1934.

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

## BACHELORS OF ARTS

JAMES WELLINGTON BROWN, B.S.	MARION LOUISE McCONNON
REGINALD J. BUCK	MILDRED MARIE MURPHY
FRED ARTHUR ELLIS	M. KATHRYN CARSON ROTH
MARJORIE SHIRLEY JUSTER	RONIE ALVINE SIMONSON
GRETCHEN IRENE KUPPER	HELEN ELIZABETH THOMAS
ELMER SULO LINDFORS	KATHLEEN IRENE TIBBETTS
HARRIET LYNCH	ELINOR ISABELLE WATSON
LOUISE H. MATHEWS	S. DAVID ZEFF

## BACHELORS OF SCIENCE

AILEEN ELIZABETH BERGQUIST	TRUDIE WATFORD KING
RUTH ELIZABETH FULLER	JUDITH BATSON MULALLY
MARGARET AMELIA VALLENTYNE	

## COLLEGE OF ENGINEERING AND ARCHITECTURE AND SCHOOL OF CHEMISTRY

### BACHELOR OF CIVIL ENGINEERING

†with distinction

HARALD JOSEPH SUNDSTROM

### BACHELORS OF AERONAUTICAL ENGINEERING

LEON JERRY BERMAN	JOHN DANIEL BRUECKNER
JACK R. WESTFALL	

### BACHELORS OF ARCHITECTURAL ENGINEERING

DAVID MERCIL	LAWRENCE CRAIG WATSON
--------------	-----------------------

### BACHELORS OF CIVIL ENGINEERING

WALTER E. GUSTAFSON	SAM GEORGE SEGAL
MARCUS H. MATTISON	ALBERT WILLARD SOLHEIM
FRANK GUSTAF ERIC PETERSON	A. LINCOLN VOGT

### BACHELORS OF ELECTRICAL ENGINEERING

EINO WILLIAM NIEMI	BURT ST. VINCENT
JOSEPH R. SCHOENIG, JR.	

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

## BACHELORS OF MECHANICAL ENGINEERING

HARRY CHARLES JOHNSTON

ROBERT EUGENE SAMUELSON

## BACHELORS OF ARCHITECTURE

WALTER EARL BARNES

JOHN THEODORE HUCHTHAUSEN

WEAVER D. CONNELLY

LYNDEN YOUNG MCINTOSH

KENNETH EDWARD HORNUNG

RAYMOND ARTHUR PENNEY

## BACHELOR OF INTERIOR ARCHITECTURE

HELEN MCBROOM

## BACHELORS OF CHEMISTRY

ELI CROFT GEAR

JOHN RICHARD VINCENT

ARNE NORMAN WICK

## COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

### BACHELORS OF SCIENCE

*(Course in Agriculture)*

WILBUR ALLEN BALDWIN

CLIFFORD CARL KLAPOTZ

FRANCIS THOMAS BRADY

KERMIT A. OLSON

CLARENCE DELL CAPARON

RICHARD W. OLSON

ELWOOD REYLAND EDLING

FRED HYDE OSTER

BERTRAM N. PURVES

*(Course in Agricultural Science)*

GORDON CRAWFORD REID

*(Course in Forestry)*

GEORGE FORUS

*(Course in Home Economics)*

LENORE LILLIAN BERLIN

MILDRED LOUISE JOESTING

HELEN VIRGINIA BROWNE

ESTHER IRENE MICHAELSON

ONA NERISSA HALLAN

MARGARET MARY MURPHY

EILEEN H. HANSON

PAULINE ANN NATHE

MILDRED LENORE PETERSON

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

BACHELOR OF SCIENCE

†with distinction

(Course in Home Economics)

GLADYCE COSS

BACHELORS OF SCIENCE

(Course in Agriculture)

MILO JAMES PETERSON

(Course in Home Economics)

FLORENCE ENG

MARJORIE ANASTASIA PERRIZO

CARLENE M. ROSE

EVELYN MARR SELL

ADA DELIA TODNEM

MEDICAL SCHOOL

BACHELORS OF SCIENCE

J. RICHARD FUCHLOW

ALFRED EDWARD MUCCILLI

EMILY L. RIPKA, B.A.

COLLEGE OF PHARMACY

BACHELORS OF SCIENCE

EMIL J. HOREJSI

PAUL HENRY SCHLUTER

MORRIS A. STOLLER

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

**COLLEGE OF EDUCATION  
BACHELOR OF SCIENCE**

*†with high distinction*

ORVILLE CLYDE PETERSON, B.A., LL.B.

**BACHELORS OF SCIENCE**

PERRY MYRON ATWOOD	ALMA C. KOENIG
RUTH LYNETTE BALMER, B.A.	WALLACE C. KRAUS
DOROTHY ANNETTE BERGMAN	ERNEST B. NELSON
LUCILLE MARGARET BOGAN	RUTH ABAGAIL NELSON
ALBERT E. BREKKE	ROY J. OEN
ALICE CAMPBELL	MARGARET O'FARRELL
ADALINE THEODORA DOCK	VIRGINIA ADELAIDE OLSON
OLGA NADINE FINK	LUCY VIRGINIA PEMBERTON
MARION LOUISE FINNEY	AUGUSTUS C. PHILLIPS
ROSE AGNES GLENN	LUCIA CATHERINE ROACH
SOLVEIG GULLIXSON	EDYTHE PAULINE SLOAN
LOIS CELIA HABBERSTAD	EDWARD WILEY SMITH
JOSEPHINE HAMILTON	JEAN HARTNEY SMITH
ELEANOR MINNA HARTWIG	ROY CHARLES SNYDER
MILDRED MARIE HOLT	FRED S. SONTAG
CLAYTON L. HUCKENPOEHLER	HELEN LOUISE WAGNER
FRANCES VIRGINIA JOHNSON	LESTER JOHN WELCH
JOSEPH EDWARD KAMPA	LESTER E. WHEATON
RUTH MORGAN KITTEL	HELEN ELIZABETH WILSON

**SCHOOL OF BUSINESS ADMINISTRATION**

**BACHELORS OF BUSINESS ADMINISTRATION**

*†with distinction*

MAURICE SEYMOUR BREITMAN                      EDMUND ANTHONY NIGHTINGALE

**BACHELORS OF BUSINESS ADMINISTRATION**

MORRIS O. BAKKE	WILLARD CLINTON LIGHTER
CHARLES ARCHIBALD BARNES	SAMUEL LISS
CHARLES ROBERT BEATTIE, JR.	WALTER HERBERT MAY
CARL R. CARLSTROM, JR.	HAROLD RUNNIE NESS
RUTH PEARL HINCHON	VICTOR MELVIN PEARSON
STANLEY LE ROY INSTENNES	EINO VERNER SARANEN
LESTER R. JOHNSON	ELOISE LORRAINE SMITH
EVERETT THOMAS LEIFSON	SHEILA E. YOUNG

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

## SCHOOL OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

LOUIS FINKLE

NICHOLAS JOHN GOBLIRSCH

EMMET L. MANSON

ALAN THEODORE MOSS

ALVIN WENDELL PEARSON, Ph.C.

FRANKLIN ROSWELL SCHALLER

NORMAN KENNETH SCHERER

## LAW SCHOOL

### BACHELOR OF LAW

WILLIAM WAYNE MARSHALL

## GRADUATE SCHOOL

### MASTERS OF ARTS

POLLY BOUCK

B.A. '27, Vassar College

Major, Child Welfare

Minor, Educational Psychology

Thesis, A Study of the Effect of Wide Differences in the Education of Parents upon the Behavior of Their Children

ADELLA MAE CLARK

B.A. '30, Oberlin College

Major, Child Welfare

Minor, Psychology

Thesis, A Study of the Ability of Young Children to Control Breathing and the Relation of This Ability to Certain Psychological Factors

THOMAS VERYL CUNNINGHAM

B.S. '30, University of Minnesota

Major, Education

Minor, Industrial Education

Thesis, Industrial Education in Universities and Colleges: Theories and Practices in the Preparation of Industrial Teachers

RICHARD MATTHEWS DRAKE

B.S. '28, University of Minnesota

Major, Education

Minor, Mathematics

Thesis, A Comparison of Two Methods of Teaching High School Algebra

EVELYN FIX

B.A. '24, B.S. '25, University of Minnesota

Major, Mathematics

Minor, Education

Thesis, A Study of Certain Special Fourier Series

REUBEN ENOCH HALSETH

B.S. '25, Eastern State Teachers College

Major, Educational Administration

Minor, Educational Psychology

Thesis, Public School Indebtedness in South Dakota

- JEAN SPEIRS HELGESON  
 B.S. '22, University of Iowa  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, The Activities of Women  
 Engaged as Teachers of Physical  
 Education
- JOSEPH PAUL RINNERT  
 B.A. '31, Ohio Wesleyan University  
 Major, Political Science  
 Minor, Economics  
 Thesis, The Licensing of Industrial  
 and Medicinal Alcohol under the  
 National Prohibition Acts
- FRANCIS JOSEPH HERDA  
 B.S. '23, University of Minnesota  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, Some Aspects of the Prob-  
 lem of the Instructional Efficiency  
 of Men and Women Teachers in  
 the Secondary Schools of Minne-  
 sota
- DAVID GARRIOTT RYANS  
 B.A. '32, De Pauw University  
 Major, Educational Psychology  
 Minor, Psychology  
 Thesis, An Experimental Study of  
 the Transfer of Training with  
 Special Attention to Individual  
 Differences and to the Relation of  
 Intelligence Test Performance
- HARRY CARL JOHNSON  
 B.S. '30, University of Minnesota  
 Major, Education  
 Minor, Mathematics  
 Thesis, The Predictive Value of Cer-  
 tain Measures for Teaching Suc-  
 cess
- ELIZABETH SCHULTZ  
 B.A. '29, Wheaton College  
 Major, Education  
 Minor, Mathematics  
 Thesis, An Analysis of Workbooks  
 in Elementary Algebra
- RITA LA POINTE  
 B.S. '24, University of Minnesota  
 Major, Romance Languages (French)  
 Minor, Education  
 Thesis, A Study of Unanimism in  
 the Theatre of Jules Romains
- FRED ANDREW SEEMAN  
 B.A. '27, Iowa State Teachers Col-  
 lege  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Analysis of the  
 School Buildings of Olmsted Coun-  
 ty, Minnesota
- LAILA OCTAVIA NILSEN  
 B.A. '30, Concordia College  
 Major, History  
 Minor, Political Science  
 Thesis, The Genesis and Organization  
 of the Norwegian Lutheran Church  
 of America
- EDITH ISABEL STOKES  
 B.S. '27, University of Minnesota  
 Major, Educational Administration  
 Minor, Geography  
 Thesis, The Initial Steps in the Con-  
 struction of a Scale Which Meas-  
 ures the Ability of Elementary  
 School Pupils to Read Pictures  
 for Geographic Purposes
- HERBERT CHANG PARK  
 B.A. '32, Coe College  
 Major, English  
 Minor, Education  
 Thesis, A Study of Wordsworth's  
 Didacticism



ADOLPH LAWRENCE STUVLAND

B.A. '14, St. Olaf College  
Major, Educational Administration  
Minor, Political Science  
Thesis, A Critical Analysis of the  
State Standards for Instructional  
Materials and Equipment for the  
Elementary Schools of the United  
States

RAY A. WIGEN

B.S. '30, University of Minnesota  
Major, Educational Administration  
Minor, Industrial Education  
Thesis, Related Information in Me-  
chanical Drawing

ELSIE EVELYN WIK

B.A. '28, Macalester College  
Major, History  
Minor, Romance Languages (Span-  
ish)  
Thesis, The Diplomatic Relations of  
the United States and Mexico,  
1853-1862

EDWARD HENRY WITT

B.S. '28, University of Minnesota  
Major, Educational Administration  
Minor, Industrial Education  
Thesis, Physical Aspects of Industrial  
Arts Departments: An Analysis  
of Architects' Plans for New Pub-  
lic School Buildings in Minnesota  
During Fifteen Years, 1918-1932

## MASTERS OF SCIENCE

ROSLYN URSULA GIRAUD

B.S. '28, South Dakota State College  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, A Comparative Study of the  
Strength and Other Physical Prop-  
erties of Certain Wool Fabrics

WILLIAM LIVINGSTON JELLISON

B.S. '29, Montana State College  
Major, Entomology  
Minor, Zoology  
Thesis, Further Studies on the Para-  
sites of Large Game Animals in  
Northern Minnesota

FRANCES EDITH HAGLUND

B.S. '29, University of Minnesota  
Major, Plant Pathology  
Minor, Botany  
Thesis, The Microflora of Sweet  
Corn Seed in Relation to Quality

HARRY McMAHON

B.S. '32, University of Minnesota  
Major, Animal Husbandry  
Minor, Animal Genetics  
Thesis, Individuality as a Factor In-  
fluencing Economy of Gains in  
Fattening Steers

KURT HUBERT

University of Halle (Germany)  
Major, Plant Pathology  
Minor, Agronomy  
Thesis, Some Studies on *Ustilago*  
*nuda* (Jens.) Kell. and Sw.,  
*Ustilago tritici* (Pers.) Rostr., the  
Loose Smuts of Barley and Wheat,  
and on an Intermediate Type of  
Loose Smut of Barley

WALTER THOMAS NICHOLSON

B.A. '31, Macalester College  
Major, Metallography  
Minor, Metallurgy  
Thesis, Special Copper Steels

LAWRENCE JOSEPH READER  
B.S. '31, University of Minnesota  
Major, Inorganic Chemistry  
Minor, Physical Chemistry  
Thesis, A Study of Hypophosphoric  
Acid and Certain of Its Salts

MARVIN JOHN SIMON  
B.S. '31, University of Minnesota  
Major, Agricultural Economics  
Minor, Dairy Husbandry  
Thesis, Cooperative Purchasing of  
Farm Supplies

GENEVIEVE LEONORA SCANLAN  
B.S. '31, University of Minnesota  
Major, Education  
Minor, Sociology  
Thesis, The Intelligence, Scholar-  
ship, and Certain Activities, Inter-  
ests, and Attitudes of Those Girls  
Who Elect Home Economics and  
of Those Who Do Not at the  
University (Minnesota) High  
School

FLORENCE WINIFRED SPERRY  
B.S. '23, University of Minnesota  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, Changes in the Plasma Pro-  
teins in Hemorrhagic Anemia

STANLEY WILLIAM WILCOX  
B.A., '27, University of Minnesota  
Major, Physics  
Minor, Geology  
Thesis, The Earth-Resistivity Meth-  
od Applied to Some Problems in  
Minnesota

## MASTER OF SCIENCE

### *In Psychometrics*

HARRIET PHOEBE GORDON  
B.A. '20, Wellesley College  
Major, Psychometrics  
Minor, Educational Psychology  
Thesis, Occupational Aptitude and  
Interest Tests Applied to 300  
Graduate Nurses

## MASTER OF SCIENCE

### *In Chemical Engineering*

CHARLES LOUIS MEYETTE  
B.S. '30, University of Minnesota  
Major, Chemical Engineering  
Minor, Metallography  
Thesis, A Study of the Flow of  
Liquids Through Porous Media

## MASTER OF SCIENCE

### *In Civil Engineering*

RUSSELL CHARLES BRINKER

B.S. in C.E. '29, Lafayette College

Major, Civil Engineering

Minor, Mathematics and Mechanics

Thesis, A Critical Study of Riveted  
and Pin-Connected Railway Bridge

Trusses for Moderate Spans

## MASTERS OF SCIENCE

### *In Electrical Engineering*

EUGENE DEBS BECKEN

B.S. in E.E. '32, University of North  
Dakota

Major, Electrical Engineering (Com-  
munication)

Minor, Electrical Engineering (Elec-  
tric Power)

Thesis, A Study of the Distributed  
Capacity of Coils

ALFRED OTTO CARL NIER

B.E.E. '31, University of Minnesota

Major, Electrical Engineering

Minor, Mathematics

Thesis, The Magnetic Transmission  
Line

## MASTER OF SCIENCE

### *In Mechanical Engineering*

HARBANS RAJ CHHABRA

B.S. '31, Iowa State College

Major, Mechanical Engineering

Minor, Metallurgy and Metallography

Thesis, Speed of Welding and Re-  
lation of the Amount of Current  
and the Voltage

## MEDICAL SCHOOL

### BACHELORS OF MEDICINE

J. RICHARD FUCHLOW

EGIL HANSSON, B.S.

RALPH V. PLATOU

DAVID POTEK, B.S.

EMILY L. RIPKA, B.A.

WARD A. RULIEN, B.S.

JULIUS SLOAN, D.D.S., B.S.

## DOCTORS OF MEDICINE\*

ABRAHAM H. BASKIN, B.S., M.B.	ROBERT RICHARD KIERLAND, B.S., M.B.
EARL J. BOEHME, B.S., M.B.	CARL WILLIAM KRAUSE, B.A., M.B.
BEVAN WILLIAM BUNKER, B.S., M.B.	CARL JOHN THEODORE LUND, B.A., M.B.,
GEORGE ERNEST CARDLE, B.A., B.S.,	KENNETH P. MALVEY, B.S., M.B.
M.B.	RICHARD PETER NEARY, B.S., M.B.
WILLIAM HUGH CARROLL, B.S., M.B.	CARL JOHN POTTHOFF, B.S., M.B.
THEODORE JOHN CATLIN, B.A., M.B.	WYMAN JOHN ROBERTS, B.S., M.B.
GEORGE WILLIAM CLIFFORD, B.S., M.B.	FRANCIS IRVIN SABO, B.S., M.B.
RALPH JOHAN ECKMAN, B.A., M.B.	RAYMOND THOMAS SHIMA, B.S., M.B.
ROBERT THEODORE GAMMELL, B.S., M.B.	WILLIAM CHAUNCEY SIEGMANN, B.S.,
PHILIP GORDON, B.S., M.B.	M.B.
WILLIAM THEODORE GREENFIELD, B.S.,	HARVE A. STANCHFIELD, B.S., M.B.
M.B.	KENNETH EDWARD STEIN, M.B.
BURTON PIPER GRIMES, B.A., M.B.	CHARLES GORDON UHLEY, B.A., M.B.
ALBERT THEODORE HAYS, B.S., M.B.	ULFERT RAY ULFERTS, B.S., M.B.
ROBERT HEBBEL, B.S., M.B.	LLOYD ASHLEY WHITESELL, B.S., M.B.
HENRY EBERHARDT HOFFERT, B.A., M.B.	MARJORIE WULFF, B.S., M.B.

## GRADUATE SCHOOL

### MASTERS OF SCIENCE

#### *In Medicine*

PHILIP HALLOCK	FRANK SPARLING KENNEDY
B.S. '26, M.D. '29, University of Minnesota	B.A. 26, M.D. '29, University of Western Ontario
Major, Medicine	Major, Medicine
Minor, Pathology	Minor, Pathology
Thesis, An Experimental Study of Pulse Wave Velocity and Arterial Elasticity from Childhood to Old Age with Statistical Analysis	Thesis, The Vasodilating Effects of Acetylcholine on the Peripheral Arterioles

### MASTER OF SCIENCE

#### *In Pathology*

ELEANOR MARJORIBANKS FLETCHER  
M.D. '30, University of Manitoba  
Major, Pathology  
Minor, Clinical Pathology  
Thesis, Sacrococcygeal Chordomas

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

## MASTER OF SCIENCE

### *In Radiology*

CESARE GIANTURCO

Licenza Liceale '21, Lyceum of G. B.  
Vico

M.D. '27, University of Naples

Major, Radiology

Minor, Pathology

Thesis, Some Mechanical Factors of  
Gastric Physiology

## MASTER OF SCIENCE

### *In Orthopedic Surgery*

RUDOLPH JOHN MROZ

B.S. '19, M.D. '22, University of  
Illinois

Major, Orthopedic Surgery

Minor, Neurology

Thesis, Origin of Rice Bodies in  
Tendon Sheaths, Bursae and Joints

## MASTERS OF SCIENCE

### *In Surgery*

HAMLIN AUGUSTUS MATTSO

B.A. '19, B.S. '24, M.D. '26, Uni-  
versity of Minnesota

Major, Surgery

Minor, Pathology

Thesis, A Plethysmographic Study of  
Liver Volume Changes in the In-  
tact Animal

JERRY WILLIAM McROBERTS

B.A. '25, University of Saskatchewan  
M.D.C.M. '29, McGill University

Major, Surgery

Minor, Pathology

Thesis, The Effect of Exclusion of  
Bile on the Reaction of the Duo-  
denal Contents: An Experimental  
Study

## MASTER OF SCIENCE

### *In Urology*

ALEXANDER DWIGHT SPOONER

B.A. '25, M.D. '28, University of  
Wisconsin

Major, Urology

Minor, Pathology

Thesis, Metastasis of Epithelioma  
of the Urinary Bladder

## DOCTORS OF PHILOSOPHY

### STANLEY JOSEPH BUCKMAN

B.S. '31, University of Minnesota  
Majors, Biochemistry and Forestry  
(Forest Products)

Minor, Forestry (Forest Pathology)  
Thesis, A Study of Certain Factors  
Influencing the Movement of Liqu-  
ids in Wood

Major Advisers, Professors Henry  
Schmitz and R. A. Gortner

### ARTHUR ROSSON CADE

B.S. '15, Worcester Polytechnic In-  
stitute

M.S. '17, University of Minnesota

Major, Bacteriology

Minor, Organic Chemistry

Thesis, A Study of Germicides

Major Adviser, Professor H. O. Hal-  
vorson

### WARREN WILLIAM CHASE

B.A. '26, Macalester College

M.S. '28, University of Minnesota

Majors, Forestry and Plant Physi-  
ology

Minor, Botany

Thesis, The Composition, Quantity  
and Physiological Significance of  
Gases in Tree Stems

Major Advisers, Professors Henry  
Schmitz and R. B. Harvey

### RICHARD TURNBULL CLARK

B.S. '29, University of Manitoba

M.S. '31, University of Minnesota

Majors, Animal Husbandry and Zo-  
ology

Minor, Genetics

Thesis, Studies of the Physiology of  
Reproduction in the Sheep

I. Twinning and the Practice of  
Flushing

II. The Early Embryology of the  
Sheep

Major Advisers, Professors L. M.  
Winters and A. R. Ringoen

### ARTHUR EUGENE HUTCHINS

B.S. '25, University of Minnesota

Major, Horticulture

Minor, Botany

Thesis, Morphological Relationships  
in the Ontogeny of the Cultivated  
Cucumber, *Cucumis sativus* L.

Major Adviser, Professor F. A.  
Krantz

### LAWRENCE LYSLE LACHAT

B.S. '29, M.S. '30, Pennsylvania State  
College

Major, Agricultural Biochemistry

Minor, Animal Genetics

Thesis, The Study of the Rachito-  
genic Properties of Cereals

Major Adviser, Professor L. S.  
Palmer

### HERLUF PETER NIELSEN

B.S. in M.E. '24, University of Ne-  
braska

M.M.E. '25, Rensselaer Polytechnic  
Institute

Major, Metallography

Minor, Metallurgy

Thesis, Stresses in Heat Treated  
Steel

Major Adviser, Professor R. L.  
Dowdell

### RUDOLPH FREDERICK PETERSON

B.S. '30, University of Manitoba

M.S. '31, University of Minnesota

Major, Plant Genetics

Minor, Plant Pathology

Thesis, The Improvement of Rye  
Through Inbreeding

Major Adviser, Professor H. K.  
Hayes

## DOCTORS OF PHILOSOPHY

### *In Medicine*

#### HERBERT POLLACK

B.A. '25, Washington and Lee University  
M.D. '29, Cornell University  
Major, Medicine  
Minor, Physiology  
Thesis, Muscle Metabolism  
Major Advisers, Drs. F. C. Mann  
and R. M. Wilder

#### HERMAN JULIUS WOLFF

B.S. '27, M.D. '30, University of Minnesota  
Major, Medicine  
Minor, Pathology  
Thesis, An Experimental Study of the Physiological Action of Toluene-Diamine (T-d) and Its Relation to Icterogenesis in the Dog  
Major Adviser, Dr. F. C. Mann

## DOCTOR OF PHILOSOPHY

### *In Obstetrics and Gynecology*

#### ALVIN JOHN MEYER

B.A. '25, Carleton College  
M.D. '30, University of Minnesota  
Major, Obstetrics and Gynecology  
Minor, Anatomy and Pathology  
Thesis, Fetal Mortality in Relation to Labor  
Major Adviser, Dr. J. C. Litzenberg

*Eud*