

# University of Minnesota

## COMMENCEMENT CONVOCATION WINTER QUARTER

1932



NORTHROP MEMORIAL AUDITORIUM

Thursday, March 17, 1932, Eleven O'Clock

# PROGRAM

PRESIDENT LOTUS D. COFFMAN, Presiding

PROCESSIONAL—"La Reine De Saba" - - - - *Gounod*

THE UNIVERSITY OF MINNESOTA BAND

WILLIAM A. ABBOTT, Conductor

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 University Graduate and the  
Problems of the Future"

MR. JOHN W. DAFOE

Vice-President and Managing Editor, Winnipeg Free Press

MUSIC—"Old Comrades" - - - - - *Peike*

THE UNIVERSITY OF MINNESOTA BAND

SONG—"Good-bye, Minnesota" by the GRADUATING CLASS

Good-bye, Minnesota,  
We leave you today.  
Our hearts grieve to part,  
But we must away;  
Our road leads onward;  
Tho here we would dwell,  
So hail, Minnesota!  
Hail, and farewell!

Good-bye, Minnesota,  
Good-bye, halls and friends,  
Our love we now pledge  
Till life fades and ends.  
We pledge devotion  
To truth's lofty spell,  
So hail, Minnesota!  
Hail, and farewell!

## CONFERRING OF DEGREES

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

President of the University

### SONG—"Hail, Minnesota"

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

### 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 MEDICAL SCHOOL GRADUATES IN NURSING\*

ELEANOR LOUISE ALTSTATT	EFFIE LOUISE MALAND
ELLA SOPHIA DICKMANN	GERTRUDE MARIE MANDT
MARY LOUISE DUNCAN	DOROTHY ANNE NORRIS
PAULINE VON SCHRADER FLETCHER	FREDA KATHERINE PARKS
FRANCES LUCILLE GLEASON	EVELYN ANN PATTERSON
GLADYS MARION GUNDERSON	MARY LUCILLE PEARSON
ELEANOR JOHANN CHRISTINE HAASE	GUNDA RAMSEY
ANN DORIS HANSON	COLETTA A. REWALT
ESTHER J. JACOBS	GENEVIEVE ESTHER RUE
IONE M. JOHNSON	DOROTHEA A. RING
IRENE BERNICE JOHNSON	REBA ALLYNE STALEY
NELLIE WINIFRED JOHNSON	AMY C. STOLPE
CLARA MARION KRUEGER	JEAN WISHART TAYLOR, B.A.
MYRTLE VIOLA KYRKLUND	GRACE ELMINA WELCH
ROSE VIRGINIA LICHTENSTEIN	HELEN VIOLA WIGGERT

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to June 6, 1932.

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

### BACHELORS OF ARTS

*†cum laude*

WRIGHT BROOKS	LUCIE CONSTANCE KLAMMER
WILLARD JOHN CONLEY	

### BACHELORS OF ARTS

GEORGE CABLE BREWSTER	GERTRUDE GILE HOSFORD
JUSTIN HENRY BROWN	MILDRED ELZENA HUFF
FRANK FREDERICK CASPERS, JR.	MENFRED LEROY JOHNSON
DAVID ERSKINE DRISCOLL	ARNOLD M. JYLHA
ZELDA GOLDBERG	GEORGE BLOCK KRAUS
KALMAN SAUL GOLDENBERG	MONROE IRVING LEVINSOHN
RALPH ADOLPH HOCKENSON	ROBERT LEE LYNN
JOSEPH J. HOFMEISTER	EMMETT JAMES MARSHALL

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

GEORGE MINARD MUNSON  
ALICE RANSOM OTIS  
DANIEL BURNELL PICKETT  
THOMAS F. RYAN  
SIGSBEE R. SELJESKOG

PATRICIA STEPHENSON  
MARVIN WALTER STRATE  
SIDNEY R. VOLK  
RALPH OTTO WEBER

### BACHELOR OF SCIENCE

HAROLD GOLDBERG

## THE COLLEGE OF ENGINEERING AND ARCHITECTURE

### BACHELOR OF AERONAUTICAL ENGINEERING

HAROLD H. STANLEY

### BACHELOR OF AGRICULTURAL ENGINEERING

EARL ROBERT YOUNG

### BACHELORS OF CIVIL ENGINEERING

CLARENCE EDWARD JOHNSON  
ARNE VERMA LEHTINEN  
OLAF LEIN, JR.

JAMES LEWIS O'MARR  
GERALD FRANCIS TIMMINS  
EDWARD GRAY WHITMAN

### BACHELORS OF ELECTRICAL ENGINEERING

ELMER WILFRED AHLSTROM

PAGE M. SIMPSON

### BACHELORS OF ARCHITECTURE

HENRI BERNARD BRUNET  
FERRIS LEO SEASHORE

MELVIN CHESTER STENRUD

## THE SCHOOL OF CHEMISTRY

### BACHELOR OF CHEMICAL ENGINEERING

HAROLD EDWARD GRAVES

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

### BACHELOR OF SCIENCE

*†with high distinction*  
*(Course in Forestry)*

ROY GEORGE WAGNER

### BACHELORS OF SCIENCE

*†with distinction*  
*(Course in Agriculture)*

GRENFALL FREDERICK HARMS

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

*(Course in Agricultural Science)*

A. ORVILLE DAHL  
CLARENCE E. LARSON

HAROLD MATTSON

*(Course in Forestry)*

HAROLD EDWIN ENGSTROM

BACHELORS OF SCIENCE

*(Course in Agriculture)*

PAUL JULIAN CARPENTER  
HENRY ARTHUR HEALY  
ELDRED MILO HUNT

CLIFFORD CARL KLAPOTZ  
WALTER D. SWENSON  
SYLVAN TRUMAN WARRINGTON

*(Course in Agricultural Science)*

GLEN H. REEP

WILLIAM MARION ROBERTS

*(Course in Forestry)*

HARRY EDWARD ADAMS  
DOROTHEA MAE CAHILL  
DONALD WILCOX CAMPBELL  
WILLIAM JOSEPH GRIGG  
EDWARD SORNE IVERSEN

ALEXANDER B. KARKULA  
ARTHUR JOHN MAYER  
HERMAN FRANKLIN OLSON  
GEORGE EMANUEL SEABERG

*(Course in Home Economics)*

MARION C. DIEGEL

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

BACHELOR OF SCIENCE

*†with distinction*

*(Course in Agriculture)*

LEIGH HERMAN HARDEN

BACHELORS OF SCIENCE

*(Course in Home Economics)*

LOUISE BARBARA BOOS  
LUELLE CAROLYN HALVORSON  
ELSA A. HENDRICKSON

FERN ELEANOR MATTSON  
VIENA MARIE SOMERO  
MAE I. STEPHENSON

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

**THE MEDICAL SCHOOL  
BACHELORS OF SCIENCE**

NELS HENRY ANDERSON	WALLACE A. MERRITT
CLARENCE HAROLD BUCKLEY	LEO R. PRINS, JR.
STEWART THEODORE GINSBERG	WILLIAM C. SCOTT
ROBERT WINSTON HOLMEN	NATALIE TANKENOFF
ARTHUR AUGUST HERMAN KOEPEL	THOMAS GORDON WALKER
RAPHAEL KOFF	HARRY ANDREW WHEELER, JR.
CARL GUSTAV KRONING	

**THE COLLEGE OF PHARMACY  
BACHELORS OF SCIENCE**

*In Pharmacy*

BERNARD AABEL	RAYMOND A. CALLANDER
THOMAS ADDISON BARTLEY	

**PHARMACEUTICAL CHEMIST**

SAM ALLEN BEUGEN

**THE COLLEGE OF EDUCATION  
BACHELORS OF SCIENCE**

*†with high distinction*

MARY LOUISE DUNCAN	JEAN MARION GILRUTH
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**BACHELORS OF SCIENCE**

*†with distinction*

RICHARD CLAYTON BROWER	HARRIET MARIE MILLER
BESSIE JEANNETTE KEITH	REBECCA EMILY OLSON
EDWARD F. J. LAPIC	JULIA UGGEN
MADLINE V. LONGHWAY	HELEN VIOLA WIGGERT

**BACHELORS OF SCIENCE**

HARRIET V. AMUNDSON	CLIFFORD E. HOOKER
ELVIRA OLGA BIERBAUER	NELLIE E. HOWARD
DONALD I. CHERP	DOLLY LORRAINE HUBBARD
*ANNA FRANCES DIEHL	RACHEL LOUISE JAMES
FRANCIS EDWARD DRAKE, JR.	ANNA LAURA KIERNAN
FLORENCE P. ELVIN	NELLE MCNAMARA
ELIZABETH MARY GOODRICH	SADIE M. NYLUND

\* Degree to be conferred as of June 9, 1930.

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

FREDA KATHERINE PARKS  
ANNA ISABEL PEARSON  
EDWARD THEADORE PETERSON  
LAURA MARY REINKE  
ANNABELLE M. RIVETT  
CLARA E. SIMON  
FRANCES EUGENIA SNIDER

ESTHER ALFREDA STREANDER  
JOHN A. E. STROMBERG  
TYNE MARTHA SUOJA  
HAROLD UTOFT  
ELIZABETH MARIE C. WISE  
BERYL WATKINS YANCEY  
LILLIAN BERTHA O. ZARLING

## THE SCHOOL OF BUSINESS ADMINISTRATION

### BACHELORS OF BUSINESS ADMINISTRATION

IRVING VINCENT BRUNS  
HOWARD A. CHEEVER  
EDWIN BRUCE CHOWN, B.A.  
C. HAROLD CHRISTENSON  
KENNETH LAMBERT DRYG  
TERRELL FOREMAN  
WILLIAM ARTHUR FOWLER  
RUDOLPH GARFIN  
WALTER LAWRENCE HAGER  
HORACE LEVITT HAMILTON  
DONALD W. KULSTAD  
TELFORD LINDBORG  
JOHN B. McNAMARA

OSCAR W. MAENKE  
ALDRICH THEODORE MATTISON, JR.  
FREDERICK JUERGENS MORLOCK  
DONALD O'BRIAN  
ELMO ALAN ROSE  
RUSSELL ELBERT SAWYER  
FRED M. SEED  
MAURICE FRANK SELANDER  
LESLIE CHRISTIAN SMITH  
CLYDE EVERTON SUMNER  
GEORGE HENRY SUNDELL  
CLIFFORD WADHAM WILLIAMS

## UNIVERSITY COLLEGE

### BACHELORS OF ARTS

ICKO L. KAISER

LEONARD E. EVANS

### BACHELOR OF SCIENCE

DAVID N. RUDIN

## THE COLLEGE OF DENTISTRY

### DOCTOR OF DENTAL SURGERY

SAMUEL SIMS JACKSON



## GRADUATE SCHOOL

### MASTERS OF ARTS

\*THANNING WILHELM ANDERSEN

B.A. '22, B.S. '26, University of  
Nebraska

Major, Anatomy

Minor, Zoology

Thesis, Measurements on Female  
Students at the University of  
Nebraska

EARL GARRICK MILLER

B.A. '22, Iowa State Teachers Col-  
lege

Major, Educational Administration

Minor, Educational Psychology

Thesis, An Analysis of Current Ex-  
penses in Township High Schools  
of Illinois

LLOYD BENJAMIN BJORNSTAD

B.S. '26, University of North Dakota

Major, Educational Administration

Minor, Industrial Education

Thesis, The Supervision of Indus-  
trial Education in the Public  
Schools of Minnesota

STANLEY BARRETT NEWHALL

B.A. '30, Williams College

Major, History

Minor, Political Science

Thesis, The United States and the  
English Blockade, 1914-1917

DORIS PENELOPE CLUTTER

B.S. '22, University of Missouri

Major, Educational Administration

Minor, Educational Psychology

Thesis, Informational Units in  
Arithmetic: A Study in Their  
Evaluation (Sixth Grade)

EDWIN NATHANIEL OBERG

B.A. '29, University of Minnesota

Major, Mathematics

Minor, Physics

Thesis, Properties of a Certain Type  
of Differential Equation

SIGURD LAWRENCE JOHNSON

B.S. '22, University of Minnesota

Major, Educational Administration

Minor, Educational Psychology

Thesis, Legal Controls in the Con-  
solidation of Schools

GEORGE A. PALMER

B.A. '29, De Pauw University

Major, History

Minor, Economics

Thesis, Thomas R. Marshall, Law-  
yer; a Study of the Country Law-  
yer

OSCAR FREDERICK LITTERER

B.A. '29, Cornell College

Major, Psychology

Minor, Educational Psychology

Thesis, An Experimental Analysis  
of Reading Performance

RAYMOND FRANKLIN SLETTO

B.S. '26, University of Minnesota

Major, Sociology

Minor, Educational Administration

Thesis, A Study of the Relationship  
Between Sibling Position and Ju-  
venile Delinquency

\* Degree to be conferred as of August 29, 1931.

VELMA VIOLET SPAULDING  
B.S. '18, University of Idaho  
Major, Preventive Medicine and  
Public Health  
Minor, Child Welfare  
Thesis, The Height and Weight of  
Suspected Tuberculous Children

FLORENCE KELLY ZELENY  
B.A. '22, University of Michigan  
Major, Education  
Minor, Educational Psychology  
Thesis, An Analytical and Experi-  
mental Study of the Reading Abili-  
ties of Students in the Saint Cloud  
Teachers College

ARTHUR WEBSTER TRUE  
B.S. '24, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, An Analysis of the Real  
Estate Problems of the Minnesota  
Rural Credits Department

## MASTERS OF SCIENCE

JOSEPH BALDWIN DAY  
B.S.A. '25, University of Manitoba  
Major, Agricultural Economics  
Minor, Economics  
Thesis, A Study of Farm Lease  
Problems in Minnesota

ERNEST R. QUACKENBUSH  
B.S. '21, University of Pennsylvania  
Major, Agricultural Economics  
Minor, Economics  
Thesis, A Study of Some Economic  
Factors Affecting the Food Costs  
of Eighty-four Twin City Families

## MASTER OF SCIENCE

### *In Electrical Engineering*

LOUIS JOHN SCHNELL  
B.S.E.E. '24, University of Colorado  
Major, Electrical Engineering  
Minor, Physics  
Thesis, Study of a Thermionic  
Triode of Unconventional Design

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

NELS HENRY ANDERSON  
THOMAS ANTHONY ANGLAND, B.S.  
CLAYTON T. BEECHAM, B.S.  
VERL G. BORLAND, B.S., M.A.  
CLARENCE HAROLD BUCKLEY  
KENNETH D. DICKINSON, B.A.  
DAVID MOYLE FLETT, B.A., B.S.  
STEWART THEODORE GINSBERG  
RICHARD FRED HERBST, B.S.

ROBERT WINSTON HOLMEN, B.A.  
PHILIP EDWARD KARLEEN, B.S.  
ARTHUR AUGUST HERMAN KOEPSSELL  
CARL GUSTAV KRONING  
RUTH I. LUNDBERG, B.S.  
ALFRED MERRILL McCAUSLAND, B.S.  
DONALD C. MACKINNON, B.S., M.A.  
WALLACE A. MERRITT  
GEORGE ERVING PENN, B.A.

WILLIAM J. L. PORCHER, B.S.  
LEO R. PRINS, JR., B.S.  
WILLIAM C. SCOTT  
ROSEL T. SEASHORE, B.A.  
RUSSELL O. SPITTLER  
LINCOLN FELCH STEFFENS, B.A.

ROY GLEN SWENSON, B.S.  
FRED O. TROTTER, B.S.  
DANIEL JOHN WALIGORA, B.S.  
THOMAS GORDON WALKER, B.S.  
HARRY ANDREW WHEELER, JR.

### DOCTOR OF MEDICINE\*

†with distinction

VERL G. BORLAND, B.S., M.A.

### DOCTORS OF MEDICINE\*

WALLACE GERALD BECKMAN, B.S., M.B. WALTER CLINTON JUMP, B.A., M.B.  
THEODORE JOHN BULINSKI, B.S., M.B. EMMETT LEROY KEHOE, B.S., M.B.  
DESMOND HAYS CALLAGHAN, B.A., RALPH BURNSSELL KETTLEWELL, B.A.,  
B.S., M.B.  
ARVID EDWARD CARLSON, B.S., B.A., EMIL ROBERT KRUEGER, B.S., M.B.  
M.B. DONALD C. MACKINNON, B.S., M.A.  
DONALD ELLIOTT CLARKE, B.S., M.B. RICHARD HENRY PICHA, B.S., M.B.  
CLARENCE GEORGE FAUE, B.S., M.B. GEORGE HARLAND PURVES, B.A., B.S.  
M. C. BERNICE FIGENSHAU, B.S., M.B. M.B.  
JOSEPH BENEDICT GAIDA, B.A., B.S., EDWARD WILLIAM ROBERTS, B.S., M.B.  
M.B. SYDNEY FRANCIS ROGERS, B.S., M.B.  
PHILLIP EMBURY GRIFFIN, B.S., M.B. LUDWIG J. SEIBEL, B.S., M.B.  
WILLIAM HENRY HAINES, B.S., M.B. HAROLD WENDELL THATCHER, B.S., M.B.  
ELLIS HAROLD HARRIS, B.S., M.B. FLOYD AMMANN THOMPSON, B.A., M.B.  
MALCOLM HOFFMAN, B.A.

### GRADUATE SCHOOL

#### CIVIL ENGINEER

GEORGE JOHN SCHROEPFER  
B.S.C.E. '28, M.S. '30, University of  
Minnesota  
Major, Civil Engineering  
Minor, Structural Engineering  
Thesis, Engineering Economic Prob-  
lems in the Sewage Disposal Proj-  
ect of Minneapolis and St. Paul

\* 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.

## MASTER OF SCIENCE

### *In Surgery*

- J. GRAFTON LOVE  
B.A. '23, Wake Forest  
M.D. '27, University of Pennsylvania  
Major, Surgery  
Minor, Pathology  
Thesis, The Effect of Phosphorus on  
the Normal and Recently Restored  
Liver Following Partial Hepatec-  
tomy in the Albino Rat

## DOCTORS OF PHILOSOPHY

- |  |  |
|--|--|
| CHARLES ARNOLD ANDERSON<br>B.A. '27, M.A. '28, University of<br>Minnesota<br>Major, Sociology<br>Minor, Psychology<br>Thesis, Assortative Mating, with<br>Special Reference to Age in Eng-<br>land, 1858-1925<br>Major Advisers, Prof. F. S. Chapin<br>and Prof. A. E. Treloar                 | HAROLD OLIVER WILES<br>B.S. '27, Montana State College<br>M.S. '29, University of Minnesota<br>Major, Agricultural Biochemistry<br>Minor, Physical Chemistry<br>Thesis, The Rotatory Dispersion of<br>Gliadin Peptized by Different Solu-<br>tions<br>Major Adviser, Prof. R. A. Gortner                         |
| ELLA LYDIA WIEG<br>Ph.B. '25, Ph.M. '29, University of<br>Wisconsin<br>Major, Child Welfare<br>Minor, Educational Psychology<br>Thesis, Bi-lateral Transfer in the<br>Motor Learning of Young Chil-<br>dren and Adults<br>Major Advisers, Prof. F. L. Good-<br>enough and Prof. J. E. Anderson | VERNON ALEXANDER WILKERSON<br>B.A. '21, University of Kansas<br>M.D. '25, University of Iowa<br>Major, Agricultural Biochemistry<br>Minor, Physiology<br>Thesis, A Biochemical Study of Em-<br>bryonic (Pig) Growth, with<br>Special Reference to Nitrogenous<br>Compounds<br>Major Adviser, Prof. R. A. Gortner |

## DOCTORS OF PHILOSOPHY

### *In Surgery*

- |  |   |
|--|---|
| CHARLES DONALD CREEVY<br>B.S. '24, M.D. '27, M.S. '30, Uni-<br>versity of Minnesota<br>Major, Surgery<br>Minor, Pathology<br>Thesis, Effects of Acute Retention<br>of the Urine: an Experimental<br>Study<br>Major Adviser, Dr. O. H. Wangen-<br>steen | CHARLES BERNARD PUESTOW<br>B.S. '23, University of Wisconsin<br>M.D. '25, University of Pennsylvania<br>Major, Surgery<br>Minor, Physiology<br>Thesis, Observations of the Dis-<br>charge of Bile into the Duodenum:<br>an Experimental Study<br>Major Adviser, Dr. Frank C. Mann |
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# University of Minnesota

SIXTIETH  
ANNUAL COMMENCEMENT

1932



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

## ORDER OF EXERCISES

President LOTUS D. COFFMAN, Presiding

PROCESSIONAL—"Cherokee March" - - - - - *Goldman*

THE UNIVERSITY BAND

WILLIAM A. ABBOTT, Director

### 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—"Loyal Comrades March" - - - - - *Blankenburg*

THE UNIVERSITY BAND

### CONFERRING OF DEGREES

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

## ANNOUNCEMENT OF HONORS AND PRIZES

### SONG—"Good-bye, Minnesota" by the GRADUATING CLASS

Good-bye, Minnesota,  
We leave you today,  
Our hearts grieve to part,  
But we must away;  
Our road leads onward  
Tho here we would dwell,  
So hail, Minnesota!  
Hail, and farewell!

Good-bye, Minnesota,  
Good-bye, halls and friends,  
Our love we now pledge  
Till life fades and ends.  
We pledge devotion  
To truth's lofty spell,  
So hail, Minnesota!  
Hail, and farewell!

### 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.

### THE GENERAL EXTENSION DIVISION

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

#### CERTIFICATES IN BUSINESS

WILLIAM F. BOEHM	PALMA JOSEPHINE NELSON
SALLY BRODY	EVELYN CECELIA OLSON
WILLIAM VAN METER COOKE	GERALD POSAWAD
JOSEPH A. DEZELAR	VAHE GEORGE SANTOORJIAN
HARVEY HUGH DUTTON	WALTER JOHN SCHLEH
MILTON E. ERICKSON	EDWARD ERNEST SCHOEN
LEONARD P. GISVOLD	JOHN TYRA SCHRAMEK
CYRUS EUGENE JOHNSON	ALVIN J. STOVEN
DAVID JACOB KAPLAN	EDWARD PATRICK SULLIVAN
ERNEST M. LARSON	ANDRE JOSEPH TURGEON
JOHN C. McNULTY	PAUL HAROLD WILLIAMS
GEORGE ELLIOTT MUNDALE	BESSIE E. WOODWORTH

#### CERTIFICATES IN ENGINEERING

FRANCIS A. ANDERSON	WILLIAM ALBERT OSTREM
ROBERT CARY GARWOOD	WILLIAM A. RODGER
RAYMOND A. LUNDBECK	LOUIS S. SINYKIN
FRANK AUGUST MULLER	JAMES EMERSON TRASK
LEO F. MURLOWSKI	

#### ADVANCED CERTIFICATE IN ENGINEERING

MATT G. TOMETZ

#### JUNIOR COLLEGE CERTIFICATES

VIRGINIA HELEN LOCKWOOD	TILLIE SIMOS
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## THE COLLEGE OF DENTISTRY

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

### GRADUATE DENTAL HYGIENISTS

AUDREY MARCELLA BLOOM	MABEL KRISTINE NELSON
MARGARET HELENE BOESEL	ELIZABETH MARY PEACHA
ALICE JOSEPHINE CANRIGHT, B.A.	IRENE F. SCHMIDT
ALBERTA JACQUELINE EHA	ANNA MAE SEGAL
GERTRUDE T. LOUISE HIPP	MARGARET AGNES SHAW
DOROTHY DOUTHITT JENSEN	DOROTHY LUCILLE SISSON
JOSEPHINE JOHNSON	JOE ANN SJOBECK
INGRID MAYME MATTSON	DOROTHY NELL WHITNEY
DOROTHY MUSHKATIN	MARIAN BERNICE WILSON
CHRYSTAL DELL NATION	LOIS DEETTE YOCUM

### THE MEDICAL SCHOOL

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

### GRADUATES IN NURSING\*

EDITH MARIE ANDERSEN	HELEN LOUISE GOESCH
BERDA ELEANOR ANDERSON	MARY E. GORDON
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DAVID BENNETT DAVIS, B.A.	FREDERICK CLOW HADDEN
DELL FRED DULLUM	WILLIAM C. HARRISON
CARL M. EKLUND, B.A.	BESSIE MAE HAWK
EARL WILLIAM ELLIS	SAMUEL SVERRER HOUKOM
GEORGE T. ERICKSON	ARTHUR BUCHMAN LEVANT

MIRIAM LIPSER  
HELEN GRACE LUICK  
JOSEPH JOHN MACK  
WILLIAM N. MAKAROFF  
CHARLOTTE JEAN MORRISON  
ROY HENNING NYQUIST  
RALPH LORMAR OLSEN  
GRANT EDMUND OLSON  
DAVID M. PARKER  
PHILOMEN CHEVERTON ROY  
LIBBIE SAGEL

GOLDIE RUTH SCHERBERG  
ALBERT H. SEERING  
BERNICE SHALETT  
ALMA ESTHER SKERIK  
MARGARET ANNE SKOGLAND  
GLADYS J. SMITH  
JANET SMITH  
JESSE ALTON STOCKER  
ALICE MARGARET THOMAS  
SIDNEY WILLIAM WATSON  
HARRY WEINER

## THE 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

GLENN W. H. ANDERSON  
ROBERT CALTON  
FLOYD W. ERICKSON  
L. RALPH GROEZINGER  
ADOLPH G. GUNELSON

JAMES EDWARD HILL  
MARVIN E. JOHNSON  
ARTHUR M. NELSON  
EUGENE P. PFLEIDERER  
JOE P. SULLIVAN, JR.

### ENGINEERS OF MINES

#### *In Geology*

OLAF T. BERGE  
DONALD F. FISCHER  
ROBERT WILLIAM GEEHAN

HAROLD F. JOHNSON  
WALLACE RAY PATTERSON

### ENGINEERS OF MINES

#### *In Petroleum*

ARNOLD C. DAHL  
BENN FRANKLIN PENROSE

TULLY P. SANDERS  
GORDON F. SCOTT

### METALLURGICAL ENGINEERS

PAUL EDMUND JERABEK  
NICHOLAS KURZECK  
BENNETT P. NYLINE

DAVID HENRY SMITH  
WILLIAM ERNEST STOLBERG  
RAYMOND CHARLES TRUEMAN

## THE COLLEGE OF PHARMACY

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

### BACHELORS OF SCIENCE

#### *In Pharmacy*

KATHERINE LORETTO AMMAN  
ORVILLE BROWN  
GEORGE M. COUNTRYMAN  
MAURICE ARNOLD DROEN  
MARVIN FRED GOLBERG  
JACK GOLDFARB  
HARRY GOLDMAN  
BERNARD GORDON  
HELEN OLIVIA HAGLUND  
ARTHUR EDWARD HEBBERD  
QUINTEN H. JENSEN  
BEN CHARLES JOHNSON  
EDNA LUCILE JOHNSON  
HAROLD G. KAPLAN  
KENDALL BERNARD MACHO

ARNOLD FREDERICK MACKNER  
JULIUS MANOSEVITZ  
CARL ANDREW PETERSON  
HARRY RUBENSTEIN  
WILLIAM W. SCHAPIRO  
MERL VICTOR SENEY  
SIDNEY I. SHOM  
IRVING H. SPERLING  
MURIEL HARIETT STARR  
WILLIAM NELSON STEBBINS  
LESTER HAROLD TESTER  
BEN MORRIS TOLCHINER  
EVELYN LEONE WALL  
PAUL ARTHUR WINER  
GORDON WALTER WITTICH

### PHARMACEUTICAL CHEMISTS

GORDON EVERETT DIDRA  
FRANKLIN KARL JOHNSON

ALMA E. WILLIS

## THE COLLEGE OF EDUCATION

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

### BACHELORS OF SCIENCE

#### *†with high distinction*

AGNES KATHERINE BENJAMIN  
EDWARD GEORGE BIGOT  
S. MADALINE BULLIS  
HATTIE FELTON COLWELL  
MARY DAVIDSON FORBES  
MERCEDES EVA GUGISBERG

GLADYS ADELINE KITTLESON  
CLARENCE ALFRED NELSON  
CATHERINE HUDSON NEWTON  
MARY ELIZABETH ROWE  
JENNIE HENRIETTE SCHEIE

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

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†with distinction

JANE WARDLAW AFFELD	SEBORIS NELSON McCARTNEY
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HENRY LAWRENCE BETTENDORF	JAMES PAUL McLEOD
BENJAMIN BORKEN	ANTOINETTE MARKSON
GENEVIEVE BOWEN	JESSIE HELENA MICHAELSON
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MABEL FRANKLIN CHRISTILAW	LILLIAN ALICE PETERSON
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MARGARET MARY CULHANE	MERTIE ROHRER
RUTH LUELLA DAY	HELEN LOUISE SEARS
RITA S. FITERMAN	ROSE SIMA SEGAL
ELIZABETH BORGHILD FORSETH	ANNA MARIE SINGLETON
ARCHIE I. GREEN	ESTHER FRANCES SNYDER
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MAURICE EDMUND HAWLEY	ANTOINETTE MARTHA TOMCZAK
HELEN ELEANOR HOTZ	GLENN EDWARD TYLER
ANITA LORRAINE HOULTSHOUSER	SOPHIA T. VRANESH
KATHLEEN MARY HYNES	THELMA EVELYN WELCH
JOYCE JUSTINE JENSEN	KATHARINE WEST
VIRGINIA CLAIRE LEEPER	MARJORIE ALICE WHITE
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JOHN T. ALFTON	RUTH L. BEMMELS
EDITH MARIE ANDERSEN	NEVA HARRIET BENDIX
TRYGVE ANDERSEN	KEITH BERENS
DOROTHY ELEANOR ANDERSON	MARGERY F. BERENS
FLOYD ELLSWORTH ANDERSON	EUNICE BERNICE BERGLUND
KENNETH EUGENE ANDERSON	BIRDEEN BIRKELAND
ESTHER MARIE ANDREASEN, G.N.	VICTORIA E. BLOSJO
HELEN LOUISE ATKINS	PATRICK HENRY BOLAND
ELSIE WARE ATKINSON	ELIZABETH BOWLER
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BERTHA KINNARD BARRY	RUTH ELIZABETH BRASIE
FRANK VINCENT BATTAGLIA	ADA MAE BROWN
KENNETH N. BEADLE	DOROTHY M. BROWN

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ETHEL LOUISE BURBECK  
CLARENCE G. BURGDOFF  
DOROTHY ELMARA BURLINGAME  
EVELYN GRACE BURNS  
MARION ELIZABETH BURWELL  
GEORGE PERRY BUTTERFIELD  
FAYETTE WILLIAM BUTTERWICK  
DONALD RAYMOND CAMERON  
GERTRUDE M. CAMPBELL  
LOREN CLIFFORD CARLSEN  
IRENE ANNA ELIZABETH CARLSON  
ELENETA ANNA CARPENTER  
BEATRICE MARY CASHMAN  
IRIS EVANGELINE CEDERSTROM  
SUSAN MARY CEDERSTROM  
FANCHON MARY CHAFFEE  
HAZLE MARIE CHAPMAN  
HELEN ADELE CLEVELAND  
HELEN MARGARET CLIFFORD  
HAROLD E. CLOUTIER  
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CAROL PATRICIA COLLINS  
MARGARET E. COLLINS  
FLORENCE MARIE CONROY  
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ESTHER WINIFRED DALEY  
MARY ADELAIDE DAVEY  
GLADYS T. DAVIS  
JANE ELIZABETH DAVIS  
MARY DE PAUL  
VERNON F. DIECKHAUS  
DOROTHY MARY DIETZ  
MARIE EVELYN DILLON  
MYRNA EVALINE DINSEL  
RUTH MARLYN DOMKA  
MARJORIE ALICE DOOR  
AGNES MAY DOYLE  
RUTH MATILDA EARLEY  
EMMA CHARLOTTE EINERSON

IRVEN MILLARD EITREIM  
FLORENCE PHILORA ELVIN  
MERLE ARNOLD ENGESET  
LEONARD CHARLES ERICKSON  
ESTHER MARIA ERIKSON  
FLORENCE ELIZABETH ESSEN  
WILLIAM WOLFE FINEMAN  
BERNICE FRANCES FINK  
FLORA HELEN FISCHER  
PATRICIA VIRGINIA FISH  
KATHERINE ELIZABETH FLINK  
BERNADETTE ELIZABETH FOGARTY  
IRENE ELIZABETH JEAN FOGERTY  
HAZEL CLARE FOSTER  
ALICE VERONICA GANTZER  
DORIS IRENE GENGE  
BERNYCE GERALDINE GISVOLD  
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RUBY MAE GREEN  
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GLADYS JOSEPHINE COULTON INGOLD

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ELIZABETH MARION JAMES  
THEO ALVINA JENSEN  
ARNO JOSEPH JEWETT  
ELVERA LOUISE JOHNSON  
HILFRID JOHNSON  
LLOYD JOHNSON  
LOLA MARGARET JONES  
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MILTON EDGAR KENNEDY  
URSULA M. KILLEEN  
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CAROLINE DELINDA KITTOE  
ELIZABETH ISLER KITTS  
ALBION WILLARD KLAMMER  
AGNES KLOSTER  
RALPH H. KNOWLES  
ADELINE RUTH KOHLER  
INEZ A. KOLAR  
VALBORG ADELAIDE KRAVIG  
ALBIN GEORGE KREZOWSKI  
EVELYN ELAINE KRON  
STELLA EUNICE LAMMERS  
IRENE LAMPE  
GERTRUDE WILHELMINA LANG  
MARY ALICE LARSON  
MARION LAWLESS  
ESTHER LOUISE LEBENS  
EDNA GERTRUDE LEDYARD  
LAURIN EMIL LEINO  
MARGARET ELIZABETH LELAND  
ANNA MARIE LINDELL  
EDWIN C. LINDSTROM  
ELSIE HULDA LOOMIS  
ELEANORE L. LORING  
WILBUR H. LUNDELL  
BESSIE LOUISE LYMAN  
CLARA JOSEPHINE McCAULEY  
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LUCILLE M. McDERMOTT  
MARY ELIZABETH McDONALD  
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FRANCIS E. MCGUIRE  
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LEONARD ARLO MACH  
MARVEL CHARLOTTE MAGNER  
EVELYN G. MANN  
BEATRICE MAE MARK  
STELLA HENRIETTA MARKSON  
GLADYS EDNA MARTINSON  
MARTHA HELENE MATTOLA  
HELEN AILEEN MAY  
RUTH JEANNE MAYER  
ROBERT RALPH MELROSE  
PRISCILLA MENDENHALL  
PHYLLIS RUTH METCALF  
LENORE ALICE MICHAEL  
RAY JOHN MICKOLAJAK  
HAROLD ALBERT THEODORE MILLER  
MARGARET JUNE MILLER  
LILLIAN MOEN  
KATHLEEN MOLAN  
MARY HELEN MOOS, B.A.  
MARGARET ANNE MORELL  
ELIZABETH IONE MOSSMAN  
EUGENIA DEAN MOTT  
CLARENCE L. MUNN  
MARTHA L. NEILSEN  
AGNES EMMA NEITZEL  
BEATRICE MINNIE NELSON  
EDITH EVELINE NELSON  
HELENE NORBY  
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JOE A. NOWOTNY  
MAYBELLE E. NYQUIST  
ALYCE C. O'DONNELL  
WILLIAM O'SHIELDS  
BERNARD RICHARD OLSON  
EDNA MARIAN OLSON  
HILVIE O. OTTERBLAD  
DOROTHY MARIE OVERTON  
DOROTHY WALLACE OWENS  
SYLVIA MARIE PAKONEN  
KENNETH MITCHELL PARKS, B.A.  
KENNETH EARL PARR  
LORRAINE GENIVIEVE PAULSON  
BURTON PAULU, B.A.  
ELAINE MARIE PERRA  
VIRGINIA ELINOR PERSONS



CARL E. PETERSON  
 CLARA C. PETERSON  
 HELEN LORRAINE PETERSON  
 ROBERT M. PETERSON  
 MARY MARGUERITE PETTIT  
 RHODA ELIZABETH PIERCE  
 GERTRUDE CATHERINE PILGRIM  
 WAYNE DEWITT PLANK  
 RUTH LILLIAN POHJONEN  
 MARGARET FRANCES POLLOCK  
 MARY VERNELL POPPLE  
 PHYLLIS HAZEL PORTER  
 ESTHER H. PORTHAN  
 DOROTHY MARY POWERS  
 IRENE BEATRICE PUHLMANN  
 EDWIN ELMER PUMALA  
 H. ROBERT RANSOM  
 LILLIAN REDMAN  
 S. BLAND REDMOND  
 JACOB REMER  
 A. EVELYN ROGNLEY  
 ILENE S. ROOT  
 ANNA ALINE RYDOSZ  
 ANN SANAKER  
 HAZEL IRENE SANDBERG  
 GLEN DEVERE SARFF  
 HENRY C. SCHNEIDER  
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 MORRIS SEGAL  
 JOHN J. SHIMMICK  
 JEAN MARY SINCLAIR  
 SISTER M. JANE KUCK  
 MAFALDA SONAGLIA

KATHRYN J. STADUM  
 HELEN REYNOLDS STAFFORD  
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 FREDERICK ROY STAVA  
 DOROTHY ELEANOR STEBBINS  
 MARJORIE ELEANOR STRANGER  
 MAYME JOSEPHINE STUKEL  
 MARY T. SWANSON  
 SIGURD PEDER SWANSON  
 CLINTON WHEELER SYMONDS  
 GLEN TAYLOR  
 MARY WILT TAYLOR  
 ALLEN M. TEETER  
 MONA MARGARETT THOMPSON  
 JOHN TOPOLKA  
 FLORENCE HENRIETTA TUNELL  
 GLADYS MARY TYSON  
 ELLENA E. VENTURA  
 GORDON WALLACE VIDEEN  
 ELIZABETH ANN VOLKER  
 REBECCA VICTORIA WEINER  
 MYRTLE WEYRENS  
 MARGARET BYRAM WHITE  
 ANNE MARGARET WHITTEN  
 MARGUERITE ELLEN WILKINSON  
 ELLEN LUCRETIA WILLIAMSON  
 RUTH ELMA WILSON  
 ALBERTA DANIELS WOLSTED  
 RUTH JEANETTE WOUTAT  
 A. JOE WRIGHT  
 GEORGINA ELLEN YOUNG  
 FLORENCE R. ZEYER  
 ESTHER LILLIAN ZUELCH

## THE SCHOOL OF BUSINESS ADMINISTRATION

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

## BACHELORS OF BUSINESS ADMINISTRATION

*†with distinction*

NORMAN CLIFFORD DAVEY

KENNETH MALCOLM MCGHEE

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

## BACHELORS OF BUSINESS ADMINISTRATION

JENICE ELEANOR ABRAMS  
WILLIAM FREDERICK ADAMS  
MARY LUCILLE AITCHISON  
NOYES WOODFORD ALGER  
MAYNARD ARTHUR ALSAKER  
A. MERRILL ANDERSON  
CARLYLE ELMER ANDERSON  
BARBARA VIRGINIA ANGEL  
GUY B. ARTHUR, JR.  
ANNA VICTORIA ARVIDSON  
MAX WILLIAM ASCHER  
JOHN ELMER BAGGALEY  
BERT FRANK BEILFUSS  
RAYMOND N. BEIM  
EDWIN BRANDT  
ROBERT ALDIS BRISBANE  
PAULINE EDNA BUHLMAN  
HAROLD VIVIAN CHRISTIANSON  
RUSSELL LOREN CHRYSLER  
JOHN JAMES CONROY  
DONALD ANDERSON CONSTANS  
OLIVE KATHRYN COOK  
JOHN EDWIN CORRIGAN, JR.  
CATHERINE OTTELEA COSGROVE  
PAUL JAMES COUGHLIN  
WILLIAM WALLACE COWAN  
WILLIAM HENRY CROWE  
GEORGE LYND CUMMINS  
DONALD D. DICKINSON  
SYLVIA DIESSNER  
GERALD ALFRED DOTSON  
LOIS RUTH DRUCK  
KENNETH LAMBERT DRYG  
DONALD A. DUNTON  
DONALD C. EIDE  
N. LAWRENCE ENGER  
FRANK GARDNER ENGLISH, JR.  
ROBERT EUGENE EVANS  
SARAH RUTH FAGERSTROM  
DOROTHY MARION FARRELL  
A. ROSALIND FINBERG  
WEBSTER A. FISCHER  
SIGURD FLAATA  
WANDA EMERENCE FUNDBERG  
REINAR VERNER GABRIELSON

LEO GANS  
MICHAEL JOSEPH GLEESON  
MEYER GOLD  
PAYSON RENWICK GOULD  
MARY ELEANOR GRAY  
PAUL GARNETT GRAY  
DOROTHY UPHAM GREEN  
WALLACE FERDINAND GRONHOLM  
WALTER LAWRENCE HAGER  
KARN MARIE HANSEN  
MARY LORETTA HARPER  
JOSIAH HARTZELL  
LAURENCE J. HENDRICKSON  
GEORGE NICHOLAS HINIKER  
RODERICK VICTOR HOOD  
MARRIAN HORKY  
ELAINE SUSAN HOSP  
CHARLOTTE A. JOHNSON  
HARRY MARVIN JOHNSON  
IRVING CLARK JOHNSON  
KENNETH ORVILLE JOHNSON  
RUSSELL ERNEST JOHNSON  
CHESTER RAYBURN JONES  
JAMES MILES KALMEN  
BEATRICE KANER  
WILLIAM HENRY KAPLAN  
ROBERT NEIL KLINE  
BERTON S. KOHLER  
ALOYS WILLIAM LAMPE  
GRANT PARK LAMPSON  
BURTON A. LARSON  
DOROTHY M. LARSON  
MELVIN LEVIN  
HELEN MARIAN LOFSNESS  
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A. FRANCES LUND  
SAMUEL MARION McKEE  
ROBERT SPOTTSWOOD McNAGHTEN  
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GORDON McRAE  
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HERBERT JOHN MARKLE  
WILMERT ARTHUR MAURER, JR.  
BEULAH MEISENBURG  
BETH TURNEY MEYER

HAROLD ARTHUR MIELKE  
WILFORD STANTON MILLER, JR.  
WILLIS OSCAR MILLS  
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WILLIAM ANDREW MURPHY  
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DAVID HIRSCH RITZEN  
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STANLEY ALVIN SATHER  
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LUCY I. SNIDER  
RAYMOND L. SOLEM  
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ARTHUR HUSTON STREMEL  
GORDON W. STUART  
EDMUND WALLACE TULLOCH  
LAWRENCE LEE VANCE  
RALPH A. WALCH  
ALEXANDER GORDON WOOD, JR.

## UNIVERSITY COLLEGE

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

### BACHELOR OF ARTS

†*summa cum laude*

ALPHA CORINE TWETLEY

### BACHELORS OF ARTS

†*with distinction*

HENRY VON AVERY

DOROTHY JUNE EDWARDS

H. DUSTIN RICE

### BACHELORS OF SCIENCE

†*with distinction*

ESTHER PAULINE BAUER

ALICE VAN ANDA BRANDEBURY

DORIS LUCILLE HIDDE

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insignia.

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VIRGINIA LOUISE DUSTIN  
THOMAS EUGENE GADDIS

EVELYN GERHARDT  
HENRY D. REMPEL  
STANLEY L. SORENSON

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ERNA JOAN BERTRAMS

CONSTANTINE EUGÉNIE JOHNSTON  
CHARLES MARGOLIS  
ROBERT ARTHUR PHILLIPS

## THE COLLEGE OF DENTISTRY

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

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GÖTHE BRYNOLF AHLCRONA  
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OLAF HJALMER ANDERSON  
FRANCIS M. BRENNAN  
HUBERT WALLACE BRITT  
ARTHUR B. BRUDVIK  
WALDO DEAN BUGBY  
DWIGHT EVERETT BURGAN  
DONALD THOMAS BURT  
DEAN GILBERT CAMPBELL  
LOWELL R. CARLSON  
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WILLIAM C. COLLINGE  
DONALD EDWARD CONNER  
HAROLD KIRK DETERS  
WILLARD B. DEVLIN  
EVERETT LOYD EARSLEY  
PAUL Q. EDGREN  
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WILLIAM P. FREDERICKS  
GLENN A. GIERE  
FRED WILLARD GORHAM  
WILLIAM FRANK GREENE  
HERBERT CLARENCE GULDEN  
GEORGE FRED HANEK  
HARRY CHRISTIAN HOLMES  
JOHN ADDISON HOWLAND  
NORVAL ELDRED JENSEN

MERVIN LUTHER JORDAHL  
STANLEY JOHN KAISERSATT  
GUSTAVUS THEODOR KRAUSE  
DANIEL A. LISTIAK  
MERRILL CEDRIC MATTSO  
ERNEST LEVINE NELSON  
OSCAR J. OGRE  
PER S. OPSAHL  
NORBERT D. PAPPENFUS  
LEONARD JENNINGS PETERSON  
PAUL S. PETTIT  
PETER BERNARD POLLOCK  
SARLOCK M. RIES  
HENRY A. RIPPE  
ASHER L. SCHMITT, B.S.  
PETER MOHR SCHROEDER  
ALFRED MACDONALD SMITH, L.D.Q.  
FRANK JOSEPH SEIFERT  
EMIL LEONARD SMITH  
JOHN WAYNE SMITH  
KENNETH E. A. SODERGREN  
GUSTAV SVENDSEN  
HAROLD CARL SWANSON  
BENJAMIN SWATEZ  
ARNOLD C. TAYE  
LYLE N. VALENTINE  
JOHN A. VANDERHOOF  
MILO JOHN VLASAK  
ROBERT JAMES WALLACE

MAURICE E. WASHBURN  
ARTHUR RAYMOND WATERS

EVAR FOLKE WESSEL  
FRANK ZALLAR  
WILLIAM C. ZWICK

## THE LAW SCHOOL

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

### BACHELORS OF LAWS

ROY CHESTER ALBIN, B.A.  
PAUL RUDOLPH ALBRECHT  
OSCAR ALBERT ANDERSON  
ROBERT M. ASH  
MORITZ JOHN BLOMQUIST  
EUGENE BOTHNE  
WILFRED J. BOUQUET  
QUENTIN NORTROP BURDICK, B.A.  
SIMPLICIO D. CARFIO, B.A.  
ROGER CATHERWOOD, B.A., M.A.  
EDWIN P. J. CHAPIEWSKE, B.A.  
HARRY EARL COPPS, B.A.  
SINCLAIR GUENTHER COWLES, B.A.  
ALBERT GEORGE EGERMAYER  
ROBERT G. EMMETT  
F. CLIFFORD ERICKSON  
DUDLEY CARL ERICSON, B.A.  
DANIEL S. FEIDT  
CLYDE WILLIAM FIDDES, B.A.  
SAMUEL DAVID FINKELSTEIN, B.A.  
NOEL C. FLEMING  
THOMAS A. FLYNN  
EVERETT PARKER FREEMAN  
PHILIP B. GARTNER  
VANCE B. GRANNIS, B.A.  
HYMEN L. GREENBERG  
WESTON BAKER GRIMES  
MAURICE GROSSMAN  
S. ALFRED HALGREN  
CHARLES H. HALPERN, B.A.  
MAURICE LEO HALPERN, B.A.  
WADE K. HALVORSON  
GEORGE GORDON HANSON  
ROLAND JOHN HENNING, B.A.

WENDELL YNGVY HENNING  
EMERSON FREDERICK HOPP, B.A.  
D. BERNARD KELBER  
KENNETH M. KROST  
JOHN KUKOWSKA, JR.  
EARL LAZAR  
HELMU ELLEN LUKKARILA, B.A.  
ELVERO J. MCMILLAN  
RALPH MERCHANT  
MAURICE SYLVESTER MOE, B.A.  
JAMES F. MURPHY  
JEREMIAH D. MURPHY  
GEORGE O. MURRAY  
MARTIN H. OTTO  
DOROTHY ENID PAULSON, B.A.  
CLARENCE TRACY PERKINS, B.A.  
CARLYLE A. PETERSON  
DONALD FREDERICK PRATT, B.A.  
JOSEPH CHARLES RAINERI  
MAX ROTENBERG, B.A.  
LESLIE CRAIG SCHOLLE, B.A.  
MAURICE SILVERBUSH, B.A.  
WALT MAURICE SIRENE, B.A.  
MORTIER BOULDEN SKEWES, B.A.  
MARVIN J. SONOSKY  
JOHN HANCOCK SPEAR  
FRANKLIN BUTLER STEVENS, B.A.  
MAURICE HENRY STROTHMAN, JR., B.A.  
EGIL HJORT SYLVANDER, B.A.  
EDWARD PHILIP THOMSON, B.A.  
LESTER JULIUS ULRICH  
BERNARD E. URHEIM, B.A.  
ALFRED JOSEPH WEINBERG, B.A.  
JAMES V. YOUNG

## GRADUATE SCHOOL

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

### MASTERS OF ARTS

#### MIRIAM M. ANDERSON

B.A. '17, Illinois Woman's College  
Major, Preventive Medicine and  
Public Health  
Minor, Anatomy  
Thesis, The Relation Between Body  
Build and Physical Defects in  
University of Minnesota Women

#### BESSIE RIVA ARNOVICH

B.Ed. '28, Superior State Teachers  
College  
Major, English  
Minor, Romance Languages (French)  
Thesis, Byron and Pope: A Com-  
parative Study

#### RONALD EDGAR BARNES

B.S. '27, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of Written Eng-  
lish as Used by Junior High School  
Pupils in Daily Life

#### GILMAN ALSETH BERG

B.A. '31, University of Minnesota  
Major, Geology (Economic)  
Minor, Geology (Paleontology)  
Thesis, The Solubility of Silica from  
Silicates at Elevated Temperatures

#### THEODORE JOHN BERNING

B.S. '27, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Study of Elementary and  
High School Costs in Districts  
Maintaining Class A High Schools  
and High School Departments

#### MARGARET PEARSE BODDY

B.A. '31, University of Minnesota  
Major, English  
Minor, Latin  
Thesis, Some Aspects of the Ovidian  
Elements in Spenser's Poetry

#### JOHN GOODMAN CAVANNA

B.A. '31, University of Minnesota  
Major, English  
Minor, Fine Arts  
Thesis, Conflict and Evolution in the  
Poetry of John Keats

#### BERNARD JENS CHRISTIAN CHRISTENSEN

B.A. '27, Augustana College  
Major, Latin  
Minor, Greek  
Thesis, Cicero's Tusculan Disputa-  
tions

#### CORNELL HJALMAR CHRISTENSON

B.A. '15, Concordia College  
Major, Educational Psychology  
Minor, Educational Administration  
Thesis, An Improvement in Technique  
for Measuring Antero-Posterior  
Posture

#### JOHN GORDON DARLEY

B.A. '31, Wesleyan University  
Major, Psychology  
Minor, Botany (Biometrics)  
Thesis, An Analysis of the Bern-  
reuter Personality Inventory as  
Applied to Occupational Groups  
Among the Employed and Unem-  
ployed

- MARCELLA GRUNSKÉ GOSCH  
 B.A. '18, Carleton College  
 Major, German  
 Minor, Comparative Philology  
 Thesis, Anzengruber's Use of Stage Directions
- DANIEL GREEN  
 B.S. '14, University of Chicago  
 Major, Education  
 Minor, Industrial Education  
 Thesis, Drawing in the Secondary School: A Crystallization of Aims with Suggestion of Extended Content
- BERT LIVINGSTON HAWKINS  
 B.S. '30, Hamline University  
 Major, Zoology  
 Minor, Bacteriology  
 Thesis, A Study of the Genus *Diplostomum* von Nordmann of the Trematode Family Alariidae
- HELEN EMELIA HEGGEN  
 B.S. '31, University of Minnesota  
 Major, German  
 Minor, Latin  
 Thesis, The Practical and Contemplative in Goethe's "Wilhelm Meisters Lehr— und Wanderjahre"
- FERNANDO ALLEN HOLBERT  
 B.A. '24, William Jewell College  
 Major, Sociology  
 Minor, History  
 Thesis, The Social Theories of William Cooke Taylor (1800-1850)
- ELLEN MATTOCKS JONES  
 B.A. '31, University of Minnesota  
 Major, English  
 Minor, Romance Languages (French)  
 Thesis, Stage Setting and Stage Business in the English Cycles
- ANNA MARY KEENAN  
 B.A. '31, College of St. Catherine  
 Major, English  
 Minor, History  
 Thesis, James Thomson as a Follower of Spenser
- CARL FRED KRAENZEL  
 B.A. '30, University of North Dakota  
 Major, Sociology  
 Minor, Economics  
 Thesis, Shifts in the Economic and Social Functioning of the Trading Centers of Rice County, Minnesota
- LORRAINE JEANETTE KRANHOLD  
 B.A. '30, University of Minnesota  
 Major, English (Literature)  
 Minor, English (Composition)  
 Thesis, The Shorter Prose Pieces of John Galsworthy
- HANS FRED LAAS  
 University of Berlin  
 Major, German  
 Minor, Comparative Philology  
 Thesis, Die Didaktik in den Novellen Gottfried Kellers
- GEROLD SHAFTER LAUMANN  
 B.A. '21, Gustavus Adolphus College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Reliability of Judgments in Rating the Difficulty of Arithmetic Problems
- JOSEPH EDWARD LEPINE  
 B.A. '31, University of Minnesota  
 Major, Romance Languages (Spanish)  
 Minor, Romance Languages (French)  
 Thesis, A Partial Bibliography of Periodical Studies on Spanish Literature

LYDIA LUX

B.S. '31, University of Minnesota  
Major, Anatomy (Hematology)  
Minor, Pathology  
Thesis, Histologic Study of Subcutaneous Nodules Induced by the Injection of Streptococcus Viridans

CHARLES EWART McLENNAN

B.A. '30, University of Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, The Effects of Underfeeding upon the Weights of the Various Parts, Systems and Organs of Adult Albino Rats

REUBEN BERT MAGNUSON

B.A. '25, Gustavus Adolphus College  
Major, History  
Minor, Political Science  
Thesis, Chino-American Relations from the Burlingame Treaty to the Chino-Japanese War

JACOB RIIS OWRE

B.A. '30, Williams College  
Major, English  
Minor, Romance Languages (Spanish)  
Thesis, Hester Mulso Chapone: A Typical Eighteenth Century Feminist

HAROLD GEORGE PAFF

B.A. '29, Macalester College  
Major, Mathematics  
Minor, Chemistry  
Thesis, The Degree of Convergence of Certain Methods of Summation

LINCOLN RIDLER PAGE

B.A. '31, Dartmouth College  
Major, Geology  
Minor, Metallurgy  
Thesis, Some Experiments on the Solution and Precipitation of Metallic Copper

HENRY C. PETERSON

B.S. '24, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Study of the Financing of North Dakota Public Schools during the Years 1928-32

MARK MATTHEW REGAN

B.S. '28, University of Minnesota  
Major, Agricultural Economics  
Minor, General Economics  
Thesis, An Analysis of Farm Mortgage Foreclosures in the State of Minnesota

HAROLD GERHARD RONNING

B.A. '28, Augsburg College  
Major, Education  
Minor, English  
Thesis, Weekday Religious Education in Minneapolis. A Survey of Parent Opinion

GUSTAV LYDIAN SCHOBURG

B.A. '25, Concordia College  
Major, German  
Minor, Romance Languages (French)  
Thesis, Reported Action in the Historical Dramas of Franz Grillparzer

HERBERT MATTHEW SCHUELLER

B.A. '31, University of Minnesota  
Major, English  
Minor, Comparative Literature  
Thesis, Variation in the Tone of Newman's Prose According to Its Subject-Matter

BEATRICE NINA SIEDSCHLAG

B.A. '30, Lawrence College  
Major, History  
Minor, Latin  
Thesis, Jocelyn III de Courtney, a Crusading Baron of the Twelfth Century



CLIFFORD Z. SMITH

B.S. '22, University of Minnesota  
Major, Agricultural Economics  
Minor, General Economics  
Thesis, An Analysis of Farm Real  
Estate Assessments in Minnesota

GUSTAV ADOLPH SWANSON

B.S. '30, University of Minnesota  
Major, Zoology  
Minor, Entomology  
Thesis, Studies on the Holostomes of  
Minnesota (*Trematoda: Strigeoidea*)

HAROLD OLIVER SODERQUIST

B.A. '24, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Scaled Levels of Skill in  
Four Methods of Teaching Arith-  
metic in the Elementary Grades

JANE TITCOMB

B.A. '31, University of Minnesota  
Major, Geology  
Minor, Geography  
Thesis, The Devonian Section at  
Bisbee, Arizona

KATHARINE VAN TUYL

B.A. '20, Vassar College  
Major, Educational Psychology  
Minor, Sociology  
Thesis, The Interests of College Stu-  
dents by Comparison of Major  
Groups

## MASTERS OF SCIENCE

CARL HAROLD ANDERSON

B.S. '30, University of Minnesota  
Major, Forestry (Silviculture)  
Minor, Botany  
Thesis, Root Development in Seed-  
lings of Norway Pine, Balsam Fir  
and White Spruce with Relation to  
the Texture and Moisture of Sand  
Soils

FREDERICK BENNETT

B.A. '31, Cambridge University  
(England)  
Major, Dairy Husbandry  
Minor, Animal Husbandry  
Thesis, The Deficiencies of Milk as  
an Exclusive Diet with Special  
Reference to the Mineral Constitu-  
ents

FRANK BRUCE BALDWIN, JR.

B.S. '30, Pennsylvania State College  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, Frozen Milk and Cream In-  
vestigations

LUCILLE M. BISHOP

B.S. '29, University of Minnesota  
Major, Bacteriology  
Minor, Agricultural Biochemistry  
Thesis, The Bacteriology of the Bo-  
vine Uterus

CARROLL JOSEPH BELLIS

B.S. '30, University of Minnesota  
Major, Physiology  
Minor, Anatomy (Hematology)  
Thesis, The Erythrocyte and Its Re-  
lation to Plasma Protein Concen-  
tration

MOSES AARON BLACKWELL

B.S.A. '15, South Carolina State  
College  
Major, Agricultural Education  
Minor, Sociology  
Thesis, Farm Tenancy as a Factor  
in Developing a Program of In-  
struction in Agriculture in Alabama

CHARLES WESLEY BUGGS  
B.A. '28, Morehouse College  
Major, Bacteriology  
Minor, Anatomy (Histology)  
Thesis, A Study of Herpes Encephalitis

CHARLES ERNEST CALVERLEY  
B.Ch. '31, University of Minnesota  
Major, Agricultural Biochemistry  
Minor, Zoology  
Thesis, Daily Variations in the Calcium and Phosphorus Content of Ox Plasma in Relation to Variations in Blood Volume

JAMES ROSS CAVERS  
B.S.A. '29, University of Toronto  
Major, Animal Genetics  
Minor, Zoology  
Thesis, A Statistical and Experimental Study of Embryonic Mortality in the Fowl, with Special Reference to Malpositions of the Embryo

CLIFFORD STUART CHRISTIAN  
B.S.A. '30, University of Queensland  
Major, Plant Genetics  
Minor, Agricultural Biochemistry  
Thesis, Correlation Studies in Hard Red Spring Wheats with Special Reference to Protein Content

ELMER RUSSELL CLARK  
B.S. '19, University of Wisconsin  
Major, Agronomy  
Minor, Botany  
Thesis, A Study of Lodging in Small Grain Varieties

NORRIS JOSEPH ELLINGSON  
B.A. '30, St. Olaf College  
Major, Entomology  
Minor, Botany  
Thesis, Cluster Temperature Reactions and Carbon Dioxide Output as an Index of Metabolism in the Honeybee Colony in Winter

RALPH CYRUS ELMQUIST  
B.Ch.E. '29, University of Minnesota  
Major, Analytical Chemistry  
Minor, Chemical Engineering  
Thesis, The Adsorption of Acids on Charcoal

LYLA DICKSON FLAGLER  
B.S. '30, University of Minnesota  
Major, Home Economics  
Minor, Physiology  
Thesis, A Comparison of the Relative Value of Roasts from Three Grades of Pork for Quantity Service

KARL JOHN GOLDNER  
B.S. in Pharm. '30, University of Minnesota  
Major, Pharmaceutical Chemistry  
Minor, Bacteriology  
Thesis, A Study of the Preparation, Qualitative Differentiation Tests, and Methods of Evaluation of the Varieties of Aloe

WALTER GULLESON  
Met.E. '29, University of Minnesota  
Major, Metallography and Metallurgy  
Minor, Physical Chemistry  
Thesis, Special Magnesium Alloys for High Strength

WILLIAM EARL HAINES  
B.S. '29, Colorado Agricultural College  
Major, Agronomy  
Minor, Plant Pathology  
Thesis, The Effect of Seed Inoculation and of a Nitrogen Fertilizer on the Survival of Red Clover Plants Growing in Soil Treated with Sodium Chlorate

DARL MERIDITH HALL

B.S. '22, Iowa State College  
Major, Agronomy  
Minor, Agricultural Education  
Thesis, Corn Lodging Studies

PAUL MYRON HARRINGTON

B.S. '31, Oklahoma Agricultural and  
Mechanical College  
Major, Animal Husbandry  
Minor, Animal Breeding  
Thesis, Quality of Bacon as Influ-  
enced by the Process of Curing

JOHN CLIFFORD HIDE

B.S. '30, University of Alberta  
Major, Soils  
Minor, Analytical Chemistry  
Thesis, Characteristics of the Profile  
of the Fargo Soils in the Red  
River Valley

ALICE JEAN BACON HUTT

B.A. '27, University of Minnesota  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, A Study of the Bound and  
Free Water of Uncoagulated and  
Coagulated Chicken Breast

JOHN GERHARD JOHNSON

B.A. '25, St. Olaf College  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, Analyses on Edestin Peptized  
by Various Salts

WILLIS JOHN MACLEAN

E.M. '29, University of Minnesota  
Major, Geology  
Minor, Metallurgy  
Thesis, Mineral Analysis of Concen-  
trates from French Equatorial  
Africa

CECIL WILLIS MEANS

B.S. '28, University of Nebraska  
Major, Animal Husbandry  
Minor, Animal Breeding  
Thesis, Individuality as a Factor In-  
fluencing Economy of Gain in  
Steers

CLARENCE LLEWELLYN MOYLE

B.S. '30, University of Minnesota  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, A Study of the Jacobsen Re-  
action on the Bromopolymethyl-  
benzenes

BJARNE PEARSON

B.S. '27, M.D. '30, University of  
Minnesota  
Major, Pathology  
Minor, Anatomy  
Thesis, Factors in the Cause of  
Death in Carcinoma of the Cervix

LOUISA GREENLEAF PLUMMER

B.A. '29, Hanover College  
Major, Inorganic Chemistry  
Minor, Physical Chemistry  
Thesis, A Modified Procedure for  
Analysis of Groups IV and V

EDITH LOUISE POTTER

B.S. '23, M.D. '25, University of  
Minnesota  
Major, Pathology  
Minor, Anatomy (Hematology)  
Thesis, Arteriosclerosis of the Splenic  
Arteries

PAUL LEE PUTNAM

B.S. '22, Connecticut Agricultural  
College  
Major, Agricultural Economics  
Minor, General Economics  
Thesis, Planning Profitable Farm  
Organizations for Connecticut Dairy  
Farms

RUPERT RAMSAY

B.S. '29, University of Saskatchewan  
Major, Animal Husbandry  
Minor, Agricultural Biochemistry  
Thesis, A Study of the Influence of  
the Market Grade of Feeder  
Calves upon the Cattle Fattening  
Enterprise

CHARLES ETHAN REA

B.S. '28, M.D. '31, University of  
Minnesota  
Major, Pathology  
Minor, Anatomy (Hematology)  
Thesis, Hemangioendothelioma: A  
Study of Forty-five Cases, Chiefly  
of the Skin

DONALD HAYES RUHNKE

Met.E. '25, University of Minnesota  
Major, Metallography  
Minor, Mechanical Engineering  
Thesis, Physical Properties of Spe-  
cial Copper Steels

GUJJAR SMITH SAHI

Met.E. '30, University of Minnesota  
Major, Metallography  
Minor, Physical Chemistry  
Thesis, The Study of Dental Amal-  
gams

PAUL SCHELSKE

B.S. '30, University of Minnesota  
Major, Botany  
Minor, Zoology  
Thesis, The Plankton Organisms of  
the James River with Special Ref-  
erence to the Algae

TELLEF SENUM

B.S. '27, University of North Dakota  
Major, Agricultural Biochemistry  
Minor, Educational Administration  
Thesis, Studies on Amidases

SISTER ST. MARK WIRTZ

B.S. '30, College of St. Catherine  
Major, Botany  
Minor, Geography  
Thesis, The Algal Flora of Medicine  
Lake, Codington County, South  
Dakota

HARRY WILLIAM SODERBURG

B.S. '30, University of Minnesota  
Major, Agricultural Economics  
Minor, General Economics  
Thesis, The Problem of Appraising  
Farm Lands for Mortgage Pur-  
poses

MARY ALLEN STEERS

B.S. in H.Ec., '28, University of Ken-  
tucky  
Major, Home Economics  
Minor, Agricultural Economics  
Thesis, A Study of Bound Water in  
Chicken Breast from Chickens of  
Different Ages

HAROLD RICHARDSON STREET

B.A. '30, University of Minnesota  
Major, Agricultural Biochemistry  
Minor, Physical Chemistry  
Thesis, A Study of the Water-  
Soluble Vitamin Requirements of  
the Flour Beetle, *Tribolium Con-  
fusum Duval*

HARRY GILBERT UKKELBERG

B.S. '28, University of Minnesota  
Major, Plant Pathology  
Minor, Plant Genetics  
Thesis, Some Factors Affecting the  
Dissemination of *Puccinia Grami-  
nis* Pers.

BENJAMIN YUKL

B.A. '30, Macalester College  
Major, Metallography  
Minor, Metallurgy  
Thesis, Flow Characteristics of Cast  
Irons at an Elevated Temperature

## MASTER OF SCIENCE

### *In Psychometrics*

ALICE MAE CHRISTIAN

B.A. '30, University of Minnesota

Major, Psychometrics

Thesis, The Effect of Age in Later  
Maturity on Verbal and Motor  
Habits

## MASTER OF SCIENCE

### *In Architectural Engineering*

ALFRED ENOCH SWANSTROM

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

Major, Architectural Engineering

Minor, Architecture

Thesis, The Contamination of Air in  
Garages with Respect to Carbon  
Monoxide and Dust

## MASTERS OF SCIENCE

### *In Chemical Engineering*

DONALD CONSTANT GERNES

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

Major, Chemical Engineering

Minor, Physical Chemistry

Thesis, Studies of the Electrodeposition  
of Metals and Alloys from  
Thiosulphate Baths

DELBERT FREDERICK JURGENSEN, JR.

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

Major, Chemical Engineering

Minor, Physical Chemistry

Thesis, Steam Film Coefficients on  
Inclined Tubes

EDWIN JACOB HAMMER

B.A. '27, Augustana College

Major, Chemical Engineering

Minor, Organic Chemistry

Thesis, The Adsorption of Organic  
Liquids on Zeolite

ROBERT MARSHALL MILLER

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

Major, Chemical Engineering

Minor, Physical Chemistry

Thesis, Studies in Filtration at Con-  
stant Rate

## MASTERS OF SCIENCE

### *In Civil Engineering*

KENNETH MILES CLARK

B.S. in C.E. '27, University of Min-  
nesota

Major, Civil Engineering

Minor, Mathematics and Mechanics

(Hydraulics)

Thesis, Distribution of Foundation  
Stresses in Soils

ARTHUR COLUMBUS KURZWEIL

C.E. '28, Cornell University

Major, Civil Engineering (Struc-  
tural)

Minor, Business Administration

Thesis, Torsional Buckling in Air-  
craft Tubing

ELDRED BEVERLY MURER

B.S. in C.E. '30, State College of  
Washington

Major, Civil Engineering (Structural)

Minor, Mathematics and Mechanics

Thesis, A Study of Secondary  
Stresses with Relation to the Ultimate  
Strength of Bridge Trusses

ALBERT LOUIS NOWICKI

C.E. '30, Marquette University

Major, Civil Engineering

Minor, Political Science

Thesis, Relation between the Legal  
and Economic Limitations to En-  
gineering in a Metropolitan Sani-  
tary District

## MASTERS OF SCIENCE

### *In Electrical Engineering*

WESLEY GRAY

B.E.E. '29, University of Minnesota

Major, Electrical Engineering

Minor, Mathematics

Thesis, Temperature-Frequency Char-  
acteristics of Magnetostriction Vi-  
brators

JOHN STEPHEN KOICHEVAR

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

Major, Electrical Engineering

Minor, Mathematics

Thesis, The Effect of Rotor Design  
upon the Operating Characteristics  
of a Squirrel Cage Induction  
Motor

JOHN HUNTINGTON ROE

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

Major, Electrical Engineering

Minor, Mathematics

Thesis, The Frequency Response of  
Light Sensitive Cells as a Function  
of Light Intensity

## MASTER OF SCIENCE

### *In Hydraulic Engineering*

LOREN WENZEL NEUBAUER

B.S. in C.E. '26, University of Min-  
nesota

Major, Mathematics and Mechanics

Minor, Civil Engineering

Thesis, Effect of Detritus Trans-  
portation upon Flow in Open  
Channels

## THE MEDICAL SCHOOL

Candidates presented by Elias P. Lyon, M.D., Ph.D., LL.D., Dean of the  
Medical School

### BACHELOR OF MEDICINE

*†with high distinction*

GEORGE SVENDRUP BERGH, B.S.

### BACHELORS OF MEDICINE

FRANK CLINTON ANDRUS, B.S.	HERBERT P. LENTON, B.S.
MILTON MONROE BALCOME, B.A.	GEORGE LYMAN LOOMIS, B.S.
CLIFTON E. BENSON, B.S.	ROBERT CHESTER LOWE, B.A.
CHARLES THOMAS BERGEN	THOMAS KION LUM, B.S.
REUBEN BERMAN, B.A.	CATHERINE MCGREGOR, B.A.
CLIFFORD A. BOLINE	JOSEPH JOHN MACK
BEVAN WILLIAM BUNKER	WILLIAM N. MAKAROFF
CLARK LEON CAIN, B.S.	ROY HENNING NYQUIST
ROBERT JOHNSON CAIRNS, B.S.	GRANT EDMUND OLSON
MURIEL VENETIA CLARK, B.S.	KENNETH LLOYD OLSON, B.S.
ELIZABETH LOIS CONFORTH, B.S.	DAVID M. PARKER
DELL FRED DULLUM	DONALD LAING PETERSON, B.A., B.S.
CARL MILTON EKLUND, B.A.	JOHN HARTLEY PETERSON, B.S.
EARL WILLIAM ELLIS	AILEEN K. PETRI, B.S.
JOSEPH S. EMOND, B.A., B.S.	JOHN HARDY RAYMOND, B.S.
CYRUS CONRAD ERICKSON, B.S.	ALBERT EUGENE RITT, B.S.
GEORGE T. ERICKSON	HELEN LUCILE ROBERTSON, B.A., B.S.
LOUIS LAWRENCE FREIDMAN	JOSEPH MILTON ROM, B.A.
HAROLD EDWIN GILLESPIE	RUSSELL O. SATHER, B.A.
HAROLD ARMAND GREENBERG	HERBERT WILLIAM SCHMIDT, B.A.
MARGIT HELGA GRYTBAK, B.S.	REINHARDT LUDWIG SCHMIDTKE, B.S.
C. GUSTAV HANSON, B.S.	ALBERT H. SEERING
WILLIAM C. HARRISON, B.S.	JOHN DAVID SILVER, B.A.
ELMER HERMAN HARTUNG, B.S.	ELMER MORK SORENSEN, B.A.
CAROLINE ELIZABETH HELMICK, B.A.	ELIOT DAVID SORSKY, B.S.
CLARENCE J. HENRY, B.S.	CHARLES DUNCAN STEWART, B.S.
HERBERT ORLAND HOFF B.S.	JESSE ALTON STOCKER, B.S.
GEORGE WENDELL HOPKINS, B.S.	JAN HENRIK TILLISCH, B.A.
S. SVERRE HOUKOM	MARTIN OLMSTED WALLACE, B.S.
LUDOLF JULIUS HOYER, B.S.	SIDNEY WILLIAM WATSON
HUGO VINCENT HULLERMAN, B.A.	HARRY WEINER
MARY KARP, B.S.	HYMAN JOSEPH WOLKOFF, B.S.

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

## DOCTOR OF MEDICINE\*

†with distinction

Siegfried Carl George Oeljen, B.S., M.B.

## DOCTORS OF MEDICINE\*

WALDO PAUL ANDERSON, B.A. B.S., M.B.	LEONARD FREDRICK JOHNSTON, B.S., M.B.
HUGO CARL ANDRE, B.S., M.B.	GEORGE CAMERON KELSO, B.A., M.B.
STUART LANE AREY, B.S., M.B.	ROSS MILLER KILGARD, Ph.G., B.S., M.B.
MEYER SIMON BELZER, B.A., B.S.	ALEX A. KUGLER, B.S., M.B.
ALEX GORHAM BERGER, B.S., M.B.	FRANK WILLIAM LARSEN, B.S., M.B.
PERFECTO M. BIASON, B.S., M.B.	WILBUR BARTHOLOMEW LIGHT, B.S., M.B.
ALBERT ALFRED BIEDERMAN, B.S., M.B.	RUSSELL CYRUS LINDGREN, B.S., M.B.
CHAUNCEY NORD BORMAN, B.A., B.S., M.B.	GUNNAR LINNER, B.S., M.B.
ORVILLE KELSEY CHANCELLOR, B.S., M.B.	WILLIAM N. MAKAROFF
ELMER R. CONRAD, B.S., M.B.	GEORGE FRANK MALIN, B.A., B.S., M.B.
WILLIAM M. COPENHAVER, JR., B.A., M.B.	BURTIS J. MEARS, B.S., M.B.
DWIGHT EDWARD CURRY, B.S., M.B.	EDMUND WALLACE MILLER, B.S., M.B.
CARLOS WERTER DEL PLAINE, C.E., B.S., M.B.	STANLEY WILLIAM MORIS, B.S., M.B.
GEORGE DAVID DOROSHOW, B.S., M.B.	MAYNARD C. NELSON, B.S.
PAUL THEODORE ERICKSON, B.S., M.B.	O. L. NORMAN NELSON, B.A., M.B.
IRVING JOSEPH FARSHT, B.S., M.B.	CLAIRE MARIE NESS, B.S., M.B.
BENJAMIN A. FINE, B.S., M.B.	ERWIN WILLIAM NEWMAN, B.A., B.S., M.B.
EDWARD MICHAEL FITZGERALD, B.S., M.B.	PAUL HENRY NOTH, B.S., M.B.
ALICE HARRISON FULLER, B.A., M.B.	ARTHUR W. NUETZMAN, B.S., M.B.
KENNETH EDWARD GAMM, B.S., M.B.	BROR FOLKE PEARSON, B.S., M.B.
JOSEPH L. GARTEN, B.S., M.B.	LEONARD THEODORE PETERSON, B.A., B.S., M.B.
BYRON LEE GIFFORD, B.S., M.B.	WILLARD HENRY PETERSON, B.S., M.B.
DANIEL RICHARD GOLDISH, B.S., M.B.	VIRGIL E. QUANSTROM, B.S., M.B.
ROBERT WILLIS HATCH, B.S., M.B.	RUTH FRANCES RASMUSSEN, B.S., M.B.
WALTER KIRKLAND HAVEN, D.D.S., B.S., M.B.	GEORGE B. RIBBLE, JR., B.S., M.B.
SAMUEL MORTON HERMAN, B.S., M.B.	SIMON GUELLE SAX, B.A., M.B.
CATHERINE WELCH JOHNSON, B.S., M.B.	DEAN SCHAMBER, B.S., M.B.
RAYMOND GREGOR JOHNSON, B.S., M.B.	PETER J. SCHULTZ, B.A., M.B.
	DAVID VINCENT SHARP, B.S., M.B.
	HOMER MERRILL SHAW, Ph.G., Ph.C., 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.



SIGWERT WALLACE SIMONSON, B.S., M.B.	ELLSWORTH ALBERT THAYER, B.S., M.B.
HAROLD MYRON SKAUG, B.S., M.B.	LAWRENCE ELSWORTH ULVESTAD, B.A., M.B.
EDWARD DONALD SORTEBERG, B.S., M.B.	M.B.
ERNEST RUSSELL STERNER, B.S., M.B.	CLARENCE EMANUEL WATZ, B.S., M.B.
RUDOLPH EMIL SWENSON, B.S., M.B.	M.B.

## GRADUATE SCHOOL

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

### MASTERS OF SCIENCE

#### *In Medicine*

ELMER CLARENCE BARTELS B.S. '25, M.D. '27, University of Illinois Major, Medicine Minor, Pathology Thesis, Acute Ulcerative Esophagitis	JOHN MARS CALDWELL, JR. B.S. '25, M.D. '28, University of Georgia Major, Medicine Minor, Pathology Thesis, Renal Sympathectomy in Ex- perimental Renal Disease
THEODORE LISTON BLISS B.S. '21, Kenyon College M.D. '26, University of Michigan Major, Medicine Minor, Pathology Thesis, The Characteristics and Classification of Duodenal Ulcers	JOHN WATSON HARMEIER B.S. '25, M.D. '28, University of Pittsburgh Major, Medicine Minor, Pathology Thesis, The Normal Histology of the Intradural Filum Terminale

### MASTER OF SCIENCE

#### *In Neurology*

LUMAN ELMER DANIELS  
B.S. '19, University of Chicago  
M.D. '21, Rush Medical College  
Major, Neurology  
Minor, Pathology  
Thesis, Narcolepsy

## MASTER OF SCIENCE

### *In Otolaryngology*

HENRY LANE WILLIAMS, JR.  
B.A. '21, Yale University  
M.D. '24, University of Pennsylvania  
Major, Otolaryngology  
Minor, Pathology  
Thesis, Masked Mastoiditis

## MASTER OF SCIENCE

### *In Pathology*

DONALD CLARK COLLINS  
B.A. '23, M.D. '27, University of  
California  
Major, Pathology  
Minor, Bacteriology  
Thesis, The Chronic Inflammatory  
and Obliterative Reactions of the  
Appendix

## MASTERS OF SCIENCE

### *In Surgery*

FOREST WILLIAM COX  
M.D. '25, University of Pennsylvania  
Major, Surgery  
Minor, Pathology  
Thesis, Changes in the Bile Ducts  
and Parietal Sacculi Following  
Loss of the Gallbladder

SAMUEL LOUIS GOLDBERG  
B.S. '24, University of Chicago  
M.D. '28, Rush Medical College  
Major, Surgery  
Minor, Pathology  
Thesis, Intrinsic Regulation of Gas-  
tric Acidity

HOWARD KRAMER GRAY  
B.S. '23, Princeton University  
M.D. '27, Harvard University  
Major, Surgery  
Minor, Pathology  
Thesis, The Clinical and Pathological  
Factors That Influence the Ulti-  
mate Prognosis Following Resec-  
tion of Carcinoma of the Stomach

HOLCOMBE HARRIS HURT  
M.D. '24, University of Virginia  
Major, Surgery  
Minor, Pathology  
Thesis, Multiple Malignant Neo-  
plasms

CHARLES WILLIAM MAYO  
B.A. '21, Princeton University  
M.D. '26, University of Pennsylvania  
Major, Surgery  
Minor, Pathology  
Thesis, The Medicinal Leech

JOHN ROBERTS PHILLIPS  
B.A. '23, St. John's College  
M.D. '27, University of Maryland  
Major, Surgery  
Minor, Pathology  
Thesis, Papilloma of the Gallbladder

MAURICE ANDREW WALKER  
B.S. '23, Kansas State Teachers College  
M.A. in Anatomy '25, University of Kansas  
M.D. '28, Rush Medical College  
Major, Surgery  
Minor, Pathology  
Thesis, A Study of the Action of Solution of Acacia When Injected Intravenously

## MASTER OF SCIENCE

### *In Experimental Surgery*

PATRICK PIH TSANG WU  
M.D. '28, University of Virginia  
Major, Experimental Surgery  
Minor, Pathology  
Thesis, The Relative Activity of Various Portions of the Excised Dog's Ureter with Especial Reference to a Gradient in the Rate of Rhythmic Contraction

## DOCTORS OF PHILOSOPHY

THOMAS GAYLEON ANDREWS  
B.A. '25, M.A. '27, Vanderbilt University  
Major, Economic Geology  
Minor, Petrology and Paleontology  
Thesis, Insoluble Residues as an Aid in Stratigraphic Studies of Limestones of Central Tennessee  
Major Adviser, Prof. F. F. Grout

WALLACE DAVID ARMSTRONG  
B.A. '26, University of Texas  
M.S. '28, New York University  
Major, Physiologic Chemistry  
Minor, Organic Chemistry  
Thesis, Studies on Fluorine Analysis Materials  
Major Adviser, Dr. J. F. McClendon

ELMER REX AUSEMUS  
B.S. '23, Kansas State Agricultural College  
M.S. '24, State College of Washington  
Major, Plant Genetics  
Minor, Plant Pathology  
Thesis, Correlated Inheritance in a Triangular Wheat Cross of Reaction to Diseases and Botanical Characters  
Major Adviser, Prof. H. K. Hayes

CHARLES MORRIS BLUMENFELD  
B.A. '26, M.A. '28, University of Minnesota  
Major, Anatomy  
Minor, Pathology and Pharmacology  
Thesis, Effects of Various Dietary Deficiencies upon the Morphology of the Suprarenal Gland  
Major Adviser, Dr. C. M. Jackson

WILLIAM CRAIG BROADFOOT

B.S. '24, M.S. '25, University of  
Minnesota  
Major, Plant Pathology  
Minor, Plant Breeding  
Thesis, Studies on Foot and Root  
Rot of Wheat in Western Canada  
Major Adviser, Prof. E. C. Stakman

MILLARD FILLMORE GUNDERSON

B.S. '29, M.S. '30, University of  
Minnesota  
Major, Bacteriology  
Minor, Agricultural Biochemistry  
Thesis, Studies on Western Duck  
Sickness  
Major Advisers, Drs. R. G. Green  
and H. O. Halvorson

STARKE ROSECRANS HATHAWAY

B.A. '27, M.A. '28, Ohio State Uni-  
versity  
Major, Psychology  
Minor, Neurology  
Thesis, An Action Potential Study  
of Neuromuscular Relations dur-  
ing the Simple Reaction  
Major Adviser, Prof. R. M. Elliott

HAROLD SMITH HICKS

B.S. '29, University of Manitoba  
M.S. '30, University of Alberta  
Major, General Geology  
Minor, Petrology  
Thesis, The Geology of the Fitz-  
gerald and Northern Portion of  
the Chipewyan Map Areas, North-  
ern Alberta, Canada  
Major Adviser, Prof. F. F. Grout

CHARLES STEWART HOLTON

B.S. '27, Louisiana State University  
M.S. '29, University of Minnesota  
Major, Plant Pathology  
Minor, Botany  
Thesis, Studies in the Genetics and  
Cytology of *Ustilago avenae* and  
*Ustilago levis*  
Major Adviser, Prof. E. C. Stakman

ETHEL SUE HORTON

B.A. '07, Beloit College  
M.A. '21, University of Wisconsin  
Major, Botany  
Minor, Plant Pathology  
Thesis, Studies in the Cytology of  
Wheat and of a Wheat Species  
Cross in Hybrid  
Major Adviser, Prof. C. O. Rosen-  
dahl

ERWIN LOUIS LECLERQ

B.S. '24, Colorado Agricultural Col-  
lege  
M.S. '25, Iowa State College  
Major, Plant Pathology  
Minor, Plant Physiology  
Thesis, The Parasitism of *Rhizoc-  
tonia solani* Kahn on the Sugar  
Beet  
Major Adviser, Prof. E. C. Stakman

ARCHIE FARQUHAR MATHESON

B.S. '27, University of Manitoba  
M.A. '29, Queen's University  
Major, Economic Geology  
Minor, Petrography  
Thesis, The Geology of Michipicoten  
River Area, District of Algoma,  
Ontario, Canada  
Major Adviser, Prof. F. F. Grout

- MARION LOUISE MATTSON  
 B.A. '20, University of Minnesota  
 M.A. '22, Columbia University  
 Major, Child Welfare  
 Minor, Psychology  
 Thesis, The Relation between the  
 Complexity of the Habit to be  
 Acquired and the Form of the  
 Learning Curve in Young Children  
 Major Adviser, Prof. J. E. Anderson
- WILLIAM GORDON MURRAY  
 B.A. '24, Coe College  
 M.A. '25, Harvard University  
 Major, Agricultural Economics  
 Minor, General Economics  
 Thesis, An Economic Analysis of  
 Farm Mortgages in Story County,  
 Iowa, from 1854 to 1930  
 Major Adviser, Prof. O. B. Jesness
- CHARLES SNODDY MYERS  
 B.S. '28, Pennsylvania State College  
 Major, Physiologic Chemistry  
 Minor, Organic Chemistry  
 Thesis, Derivatives of Diiodotyrosine  
 and Thyroxine  
 Major Adviser, Dr. E. C. Kendall
- PAULENA NICKELL  
 B.S. '23, University of Minnesota  
 M.A. '27, Columbia University  
 Major, Agricultural Economics  
 Minor, Home Economics  
 Thesis, Rural Housing: A Study of  
 the Housing of 316 Master Farm  
 Homemakers with Special Refer-  
 ence to Adequacy  
 Major Adviser, Prof. W. C. Waite
- MILAN VACLAV NOVAK  
 B.A. '29, Macalester College  
 M.S. '30, University of Minnesota  
 Major, Bacteriology  
 Minor, Zoology (Parasitology)  
 Thesis, Dissociation of an Actinomy-  
 ces into Bacterial Forms  
 Major Adviser, Dr. A. T. Henrici
- CARL ELROY NURNBERGER  
 B.A. '23, Wabash College  
 M.A. '25, University of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, Effects of Alpha-Particles on  
 Certain Solutions  
 Major Adviser, Dr. K. W. Stenstrom
- EDWARD ALFRED RUNDQUIST  
 B.A. '28, University of Minnesota  
 Major, Psychology  
 Minor, Neurology  
 Thesis, Inheritance of Spontaneous  
 Activity in the Rat  
 Major Adviser, Prof. W. T. Heron
- ERNEST BIRGER SANDELL  
 B.S. '28, M.S. '29, University of  
 Minnesota  
 Major, Analytical Chemistry  
 Minor, Physical Chemistry  
 Thesis, A Study of Coprecipitation  
 Phenomena in the Formation of  
 Calcium Oxalate  
 Major Adviser, Prof. I. M. Kolthoff
- GRANT WARREN SMITH  
 B.A. '28, Grinnell College  
 Major, Physical Chemistry  
 Minor, Physics  
 Thesis, The Zeta Potential of Thin  
 Metal Films  
 Major Adviser, Prof. L. H. Reyerson
- HOWARD BRUNO SOMMERFELD  
 B.S. '21, University of Wisconsin  
 M.S. '22, University of Saskatchewan  
 Major, Animal Husbandry  
 Minor, Agricultural Economics  
 Thesis, Farm Power in Manitoba. A  
 Study of the Production of Horses  
 and Comparative Utilization of  
 Animal and Mechanical Power  
 Major Adviser, Prof. W. H. Peters

GEORGE HERMAN STARR

B.S. '25, South Dakota State College  
M.S. '28, University of Nebraska  
Major, Plant Pathology  
Minor, Horticulture  
Thesis, A Study of the Diseases of  
Canning Crops in Minnesota  
Major Adviser, Prof. J. G. Leach

SAMUEL IRVING STEIN

B.S. '29, M.S. '30, University of  
Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, The Effects of Pregnancy on  
the Hypophysis (and Other Glands  
of Internal Secretion) of the Al-  
bino Rat  
Major Adviser, Dr. A. T. Rasmus-  
sen

HANS BERNHARD SEVERIN STROMBERG

B.Ch.E. '29, M.S. in Ch.E. '29, Uni-  
versity of Minnesota  
Major, Biochemistry and Chemical  
Engineering  
Minor, Bacteriology  
Thesis, A Biochemical Survey of the  
Rochester Sewage Disposal Plant  
and the Zumbro River  
Major Advisers, Drs. E. C. Kendall  
and C. A. Mann

DOCTOR OF PHILOSOPHY

*In Obstetrics and Gynecology*

MILTON ABRAMSON

B.S. '26, M.D. '29, University of  
Minnesota  
Major, Obstetrics and Gynecology  
Minor, Anatomy  
Thesis, The Effect of Pregnancy on  
the Organ Weights of the Albino  
Rat  
Major Advisers, Drs. J. C. Litzen-  
berg and C. M. Jackson

DOCTOR OF PHILOSOPHY

*In Surgery*

JAMES TAGGART PRIESTLEY

B.A. '23, M.D. '26, University of  
Pennsylvania  
M.S. '31, University of Minnesota  
Major, Surgery  
Minor, Pathology  
Thesis, The Detoxifying Function of  
the Liver with Special Reference  
to Strychnin: An Experimental  
Study  
Major Adviser, Dr. F. C. Mann

# HONORS AND PRIZES

## HONORS

### SIGMA XI

MILTON ABRAMSON  
C. ARNOLD ANDERSON  
T. G. ANDREWS  
WALLACE A. ARMSTRONG  
ELMER R. AUSEMUS  
CARROLL J. BELLIS  
LUCILLE M. BISHOP  
JOHAN BJORKSTEN  
RUTH E. BOYNTON  
STANLEY BUCKMAN  
C. W. BUGGS  
GORDON D. BYRKIT  
C. STUART CHRISTIAN  
WILLIS BARNES COMBS  
THEODORE R. CORBETT  
TROY M. CURENCE  
HENRY M. DAVIS  
SYDNEY DICKINSON  
N. J. ELLINGSON  
ROBERT GEEHAN  
MEREDITH C. GUERNSEY  
BORGHILD GUNSTAD  
HENRY E. HARTIG  
STARKE R. HATHAWAY  
GLADSTONE B. HEISIG  
H. S. HICKS  
JOHN C. HIDE  
SAMUEL N. M. HILL  
CHARLES STEWART HOLTON  
C. A. HUGHES  
ROBERT HUMPHREY  
CHARLES HYMES  
OTTO G. JENSEN  
D. E. KVALNES  
JOHN J. LAWLESS  
ERWIN LOUIS LeCLERG  
YU-JEN LIAO  
LEE LOEVINGER

LYDIA LUX  
WILLEM J. LUYTEN  
CHARLES E. McLENNAN  
E. L. McMILLEN  
A. F. MATHESON  
BENJAMIN MOSKOVITZ  
CLARENCE L. MOYLE  
ELDRED B. MURER  
LOREN W. NEUBAUER  
DEFORREST A. OLSON  
M. J. OOSTHUIZEN  
LAILA T. PUNKARI  
R. M. PINCKNEY  
CARL O. RICE  
CHARLES E. RIMPILA  
JOHN H. ROE  
CHARLES ROSENBLUM  
DONALD H. RUHNKE  
BURRELL F. RUTH  
JAMES JAY RYAN  
NORDAHL T. RYKKEN  
R. W. SANDELIN  
HORACE G. SCOTT  
HAROLD H. SHEPARD  
GRANT SMITH  
GEORGE HERMAN STARR  
VERNON STENGER  
MAYNARD M. STEPHENS  
GUSTAV SWANSON  
CLIFFORD J. B. THOR  
HARRY G. UKKELBERG  
JOHN A. URNER  
ALFRED L. VAUGHAN  
W. W. WETZEL  
VERNON A. WILKERSON  
C. B. WILLIAMS  
HENRY C. YUTZY

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, Major, Infantry. U.S.A.

*First Lieutenant, Dental Corps*

HUBERT W. BRITT	DANIEL A. LISTIAK
WILLIAM C. COLLINGE	OSCAR J. OGREN
HAROLD K. DETERS	PAUL S. PETTIT
EVERETT L. EARSLEY	HAROLD C. L. SWANSON
WILLIAM P. FREDERICKS	ARNOLD C. TAYE
GEORGE R. HANER	LYLE N. VALENTINE
HARRY C. HOLMES	JOHN A. VANDERHOOF
MERVIN L. JORDAHL	MAURICE E. WASHBURN

*First Lieutenant, Medical Corps*

REUBEN BERMAN	LEO R. PRINS, JR.
DELL F. DULLUM	JOSEPH M. ROM
HAROLD A. GREENBERG	RUSSELL O. SATHER
WILLIAM C. HARRISON	REINHARD L. SCHMIDTKE
PHILIP E. KARLEEN	RUSSELL O. SPITTLER
JOE J. MACK	LINCOLN F. STEFFENS
WALLACE A. MERRITT	DANIEL J. WALIGORA
ROY H. NYQUIST	HARRY WEINER
KENNETH L. OLSON	HYMAN J. WOLKOFF

*Second Lieutenant, Coast Artillery*

JOHN P. BYRNE	HELMER A. HOLMSTROM
FORTON A. CHRISTOFFER	JOHN A. MOKRES
SOPHUS M. DAHL	MAURICE E. NORTON
WILFRED D. DARLING	MILTON E. SCHMIDT
RUSSELL F. ERICKSON	ROY F. WARNER
NELS FARDAHL	RODNEY R. WOOD
WINFIELD W. FOSTER	

*Certificate of Eligibility*

LLOYD L. KEMPE

*Second Lieutenant, Infantry*

HAROLD V. CHRISTIANSON	JAMES M. KALMEN
DONALD A. DUNTON	RAYMOND J. KOPP
SIGURD FLAATA	ARNOLD F. MACKNER
JARVIS M. HARPER	RICHARD F. MOREAN
CLIFTON G. HOLMGREN	JAMES H. MYERS
ARNO J. JEWETT	GEORGE E. WIARD



*Certificate of Eligibility*

CARL E. ERICKSON

RICHARD G. RAPP

*Second Lieutenant, Signal Corps*

CLEDO BRUNETTI

JOHN J. HUEY

PAUL J. GILLOTH

SCOTT E. LINSLEY

EARL A. HANSON

JOSEPH S. SEWALL, JR.

LAWRENCE E. HENDRICKSON

FREDERIC C. SHIDEL, JR.

SCHOLARSHIPS

THE FACULTY WOMEN'S CLUB SCHOLARSHIP

RUTH HAYCOCK

WOMEN'S SELF GOVERNMENT ASSOCIATION  
SCHOLARSHIPS

LULIE BECKER

VIRGINIA PETTIGREW

ELIZABETH BLASING

JEANNETTE STONER

ELIZABETH S. BROWN

PORTIA SWAIN

VERNA DELEO

PHYLLIS TURRITTIN

HELEN DOYLE

VIRGINIA SWINLAND

ELEANOR LAWRENCE

GERTRUDE WILLARD

VERONICA O'BRIEN

GRACE ZSCHIESCHE

GERTRUDE PAGE

NINA MORAIS COHEN SCHOLARSHIP

LILLIAN LUSTMAN

MU PHI EPSILON MUSIC SCHOLARSHIP

MARION MAUER

CHI OMEGA SCHOLARSHIP

DOROTHY FINSTAD

THE HENRY WEBB BREWSTER SCHOLARSHIPS

CHARLOTTE YOUNG

EZRA REINEKE

THE HOME ECONOMICS ASSOCIATION SCHOLARSHIP

GERTRUDE ESTEROS

THE PHI UPSILON OMICRON SCHOLARSHIP

MILDRED L. PETERSON

THE AGRICULTURAL FACULTY WOMEN'S CLUB  
SCHOLARSHIPS

FLORENCE BRUCE

JEANNE TELLIER

CAPTAIN DE WITT JENNINGS PAYNE MEMORIAL  
SCHOLARSHIPS

EDWARD MAYO

EDWARD MEGROTH

A. CORINE TWETLEY

MUSIC SCHOLARSHIP

CONSTANCE LANE

MINNEAPOLIS ADVERTISING CLUB SCHOLARSHIP

RUSSEL L. CHRYSLER

HORTON ART SCHOLARSHIP

JARL SEPPANEN

MARION L. VANNIER SCHOLARSHIPS

AMY GUSTAFSON

FERN THOMPSON

PRIZES

ALPHA RHO CHI MEDAL

ROBERT G. CERNY

NORTHERN STATES POWER COMPANY PRIZES IN  
INTERIOR ARCHITECTURE

HARLAND D. BOSS

CHARLES LATHROP PACK FOUNDATION  
FORESTRY PRIZES

THEODORE NIEHAUS

HENRY STOEHR

HARRY R. STRITMAN

DEAN E. M. FREEMAN MEDAL

KEITH BARRONS

CENTRAL COOPERATIVE ASSOCIATION PRIZES

RAYMOND BRUKHOLDER  
LEO FENSKE

LESTER HANSON  
DONALD WESEMAN

THE TOMHAVE MEDAL

ROBERT JACOBS

LUDDEN PRIZES

*First Prize*

VIOLET FRANZEEN

*Second Prize*

SAADIA GELB

*Third Prize*

GENEVIEVE ARNOLD

THOMAS F. ANDREWS PRIZES FOR UNDERGRADUATE  
RESEARCH

LAILA T. PUNKARI

HENRY C. YUTZY

MINNESOTA ACADEMY OF MEDICINE PRIZE

BYRON J. OLSON

# DEGREES CONFERRED JULY 25, 1931

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

### BACHELORS OF ARTS

*cum laude*

EDWARD SAMUEL BADE, LL.B.	MILTON GOLDBERG
GILMAN A. BERG	COSMAS WILLIAM KRUMPELMANN
ROBERT WHITE DUPRIEST	ELIZABETH K. ROBINSON
	SARAH STONE

### BACHELORS OF ARTS

LEON JAMES ALGER, B.S., M.B., M.D.,	OSCAR KOZBERG
HERBERT BENJAMIN ALLEN	TONY LEE
HARLAN RICHARD BERGQUIST	DONALD H. LOGAN
HELEN FAUSEY FOLSTER	FREDERIC L. SCHADE, B.S.
FRANCIS ALEXANDER GIBSON	ROBERT JOHN SCHOENHOFF
IRVING JEFFERY GLASSBERG	SISTER M. VICTORIA NEMANICH
ROY ALBERT HOFFMAN	MARR C. STODDARD
ARTHUR KAC	IRA HERMAN WILSON
HOWARD KASTON	HENRY IRVIN YAFFE

### BACHELORS OF SCIENCE

MARVEL MARY FAIRBANKS	MARY ELIZABETH ROOT
NELLIE MAE HARRIGAN	AGNES KAROLINE SONSTENG

## THE COLLEGE OF ENGINEERING AND ARCHITECTURE

### BACHELORS OF AERONAUTICAL ENGINEERING

BENJAMIN FRANKLIN MAYHUGH	ALFRED J. WERNER
---------------------------	------------------

### BACHELORS OF CIVIL ENGINEERING

DONALD N. ANDERSON	CARL MAURITZ LARSON
HARVEY S. DARTT	FRANK V. LASKA
DONALD T. DUNSHEE	JOHN MOSSER MERZWEILER
RAYMOND NORRIS HOLTAN	DANIEL F. MOHR
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DORTHA COSS  
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LINDA MAE JOHNSON  
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LEONA ELIZABETH KROPPE  
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NEIL HEIBERG LINDHJEM  
NONA LOUISE MCGINNIS  
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ROSE GERTRUDE McLEER  
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MARY BLANCHE ADKINSON MOORE

ORMA LEE MORROW  
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VIRGINIA PEYTON  
ANTON P. POGREBA  
MABEL SNOWDEN POTTER  
DORA AMALIA RASMUSSEN  
ROSAMOND REISER, G.N.  
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DORIS ROBIE  
MARY THERESA ROURKE  
ELLA M. ROVERUD  
MYRTLE EILEEN SAND  
REGINE M. SIMMER  
SISTER M. MONA McGUIRE  
GLADYS G. SLAUGHTER  
ANTOINETTE SLEMMONS  
CARRIE L. SLINDEE  
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DONALD WALTER WESTBEE

UNIVERSITY COLLEGE  
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ROBERT P. MORRILL  
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THE LAW SCHOOL  
BACHELOR OF LAWS  
DESMOND FRANCIS PRATT

GRADUATE SCHOOL  
MASTERS OF ARTS

ARTHUR FRANK ACKERMANN  
B.A. '29, University of Minnesota  
Major, Economics  
Minor, History (Economic)  
Thesis, Old Age Dependency and  
the Development of Old Age Pen-  
sion Legislation in the United  
States

ELIZABETH PIERCE EBELING  
B.A. '30, University of Minnesota  
Major, English  
Minor, Comparative Literature  
Thesis, Shelley's Imaginative Use  
of His Sources in *Prometheus  
Unbound* with Special Reference  
to Calderón

WALTER ADAMS ANDREWS  
B.A. '17, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Analysis of Arithmetic  
Reasoning Tests

ROBERTA MARGARET GRAHAME  
B.A. '30, University of Minnesota  
Major, English  
Minor, History  
Thesis, The Ideal of Conduct Pre-  
sented in the Writings of George  
Santayana

MABEL M. BURNQUIST  
B.S. '06, Carleton College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Diagnostic Study of Diffi-  
culties in Certain Phases of Ele-  
mentary Algebra

BORGHILD GUNSTAD  
B.S. '27, University of Minnesota  
Major, Mathematics  
Minor, Biometry  
Thesis, On the Accuracy of Certain  
Processes of Approximation

ABBIE AUGUSTA COLE  
B.S. '22, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Distribution of Men and  
Women on the Faculties of State  
and City Teachers Colleges and  
Normal Schools in the United  
States

JACOB JOHN HALVERSON  
B.A. '20, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Certain Aspects of School  
Administration, Carver County,  
Minnesota



- LEONARD THOMAS HAVIG  
 B.A. '21, St. Olaf College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Growth and Distribution of  
 Public Secondary Schools in  
 North Dakota
- ESKIL THEODORE HAWKINS  
 B.S. '17, University of Wisconsin  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, The Development of School  
 District Organization in Wisconsin
- PAUL ALBERT HEDLUND  
 B.S. '29, University of Minnesota  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Recent Trends in Newspaper  
 Publicity for the Public Schools  
 of Minnesota
- ELMER ERNEST HILPERT  
 B.A. '29, University of Minnesota  
 Major, Political Science  
 Minor, Economics  
 Thesis, The Function of the Citizens  
 League in the Government of the  
 City of Cleveland and Cuyahoga  
 County
- AMIL WILHELM JOHNSON  
 B.A. '16, Gustavus Adolphus College  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, Classroom Activities in the  
 Three-Year Junior High Schools  
 of North Dakota
- JOHN JOSEPH LAWLESS  
 B.S. '31, University of Minnesota  
 Major, Anatomy  
 Minor, Physiology  
 Thesis, The Effect of Castration  
 Leaving the Epididymis Intact in  
 the Rat
- FLORENCE LEDUC LITCHFIELD  
 B.A. '30, University of Minnesota  
 Major, English  
 Minor, Comparative Literature  
 Thesis, Emerson and Education
- MARIE AGNES MATT  
 B.A. '27, College of St. Catherine  
 Major, German Literature  
 Minor, Philology  
 Thesis, Kleists Technik der Char-  
 akterdarstellung in seinen Dramen
- ALICE MARGARET MICHELS  
 B.A. '30, Lawrence College  
 Major, Psychology  
 Minor, Educational Psychology  
 Thesis, Differentiation of the Occu-  
 pational Interests of Women at  
 the College Level
- CARL SOLOMON MUNDINGER  
 C.R.M. '17, Concordia Seminary  
 Major, Speech  
 Minor, History  
 Thesis, The Influence of Calvinism  
 and of French Romantic Theory  
 on Woodrow Wilson
- SIMON CARROLL SIMONSON  
 B.A. '20, St. Olaf College  
 Major, Education  
 Minor, Mathematics  
 Thesis, An Evaluation of Some Fac-  
 tors Affecting the Difficulty of  
 Verbal Problems in Arithmetic
- CLEATA BEATRICE THORPE  
 B.A. '26, Huron College  
 Major, Educational Administration  
 Minor, Education (Theory and Prac-  
 tice)  
 Thesis, A Study of the Education  
 Curricula of Teacher Training  
 Institutions of the North Central  
 Association

CARL ORVILLE WITT

B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Teaching of the Basic  
Courses in Public School Admin-  
istration and Supervision

EVA EMERSON WOLD

B.S. '30, University of Minnesota  
Major, Education  
Minor, History  
Thesis, The History of Certification  
of Teachers in Minnesota

OLIVE MARY YOUNG

B.A. '19, Carleton College  
Major, Education  
Minor, English  
Thesis, A Descriptive Study of Con-  
ditions Relating to Library In-  
struction and Service in One-  
Teacher Ungraded Elementary  
Schools of Certain Counties in  
Minnesota

MASTERS OF SCIENCE

DONALD GEORGE BENSON

B.Ch.E. '30, University of Minnesota  
Major, Metallography  
Minor, Chemical Engineering  
Thesis, A Study of Hydrogen Em-  
brittlement of Steel

ALICE WISE HUMPHREY

B.S. '18, University of Minnesota  
Major, Education  
Minor, Home Economics  
Thesis, A Study of Certain Leisure  
Time Activities and Financial  
Practices in the Homes of Minne-  
sota High School Girls

ALEXIS FRÉDÉRIC KÉBREAU

Graduate '27, Ecole Centrale d'Agric-  
ulture (Port-au-Prince, Haiti)  
Major, Plant Genetics  
Minor, Plant Pathology  
Thesis, Inheritance Studies in *Gos-  
sypium Vitifolium Barbadosense*

MARTHINUS JACOBUS OOSTHUIZEN

B.S.A. '30, University of South  
Africa  
Major, Entomology  
Minor, Biochemistry  
Thesis, The Effects of Abnormally  
High Temperatures on the De-  
velopmental Stages of *Tribolium  
Confusum* Duval

REGINALD HOWARTH OZBURN

B.S.A. '24, Toronto University  
Major, Zoology  
Minor, Entomology  
Thesis, The Histology of the Ali-  
mentary Canal of the Larva of  
*Phryganea Vestita* Walker. (Tri-  
choptera)

EDWIN WALLACE RAPP

B.A. '17, University of Illinois  
M.D. '19, University of Chicago  
Major, Pathology  
Minor, Anatomy (Haematology)  
Thesis, Tumor Metastases to the  
Lungs

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### *In Surgery*

HARRY HAMILTON COOKE

B.S. '22, M.D. '24, M.A., '29, University of Minnesota

Major, Surgery

Minor, Pathology

Thesis, Histogenesis of Strawberry Gallbladder

MANFRED ULLMAN PRESCOTT

B.S. '20, M.D. '23, University of Illinois

Major, Surgery

Minor, Pathology

Thesis, Studies of the Thyroid Gland with Special Reference to Structure of the Follicle

## DOCTORS OF PHILOSOPHY

DONALD ROBERT BLUMER

B.A. '27, University of South Dakota

Major, Physical Chemistry

Minor, Physics

Thesis, The Activities of Each Component of a Sulfuric Acid, Acetic Acid, and Water System

Major Adviser, Prof. F. H. MacDougall

JULIA FRANCES HERRICK

B.A. '15, M.A. '19, University of Minnesota

Major, Biophysics

Minor, Mathematics and Physiology

Thesis, Experiments on Blood-Flow by the Thermo-Stromuhr Method

Major Adviser, Dr. C. Sheard

GERTRUDE DOXEY

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

Major, History

Minor, English

Thesis, Peter the Venerable and the Place of Cluny in the Renaissance of the 12th Century

Major Adviser, Prof. A. C. Krey

JAMES DANIEL HILL

B.A. '22, Baylor University

M.A. '24, University of Colorado

Major, History

Minor, Political Science

Thesis, Maritime Operations and Texan Independence

Major Adviser, Prof. L. B. Shippee

MONROE EDWARD FREEMAN

B.S. '28, University of Minnesota

Major, Biochemistry

Minor, Organic Chemistry

Thesis, The Gums of the Cereal Grains

Major Adviser, Prof. R. A. Gortner

JOSEPH KITTREDGE, JR.

B.A. '12, M.F. '13, Harvard University

Major, Botany (Ecology)

Minor, Forestry (Silviculture)

Thesis, The Interrelation of Habitat, Growth Rate, and Associated Vegetation in the Aspen Community of Minnesota and Wisconsin

Major Adviser, Prof. W. S. Cooper

**DONOVAN ERB KVALNES**

B.A. '27, University of Montana  
 Major, Organic Chemistry  
 Minor, Physical Chemistry  
 Thesis, The Oxidizing Power of a  
 Series of Hydroquinine-Quinone  
 Systems  
 Major Adviser, Prof. W. H. Hunter

**CHARLES ELSON LIVELY**

B.A. '17, M.A. '18, University of  
 Nebraska  
 Major, Sociology  
 Minor, Agricultural Economics  
 Thesis, Family Living on Selected  
 Ohio Farms  
 Major Adviser, Prof. F. S. Chapin

**WILLIAM WALLACE LOZIER**

B.A. '28, De Pauw University  
 Major, Physics  
 Minor, Mathematics  
 Thesis, Study of the Ionization of  
 Molecules by Electron Impact  
 Major Adviser, Prof. J. T. Tate

**ELLIOTT LEE McMILLEN**

B.S. '23, University of Minnesota  
 Major, Chemical Engineering  
 Minor, Physical Chemistry  
 Thesis, Thixotropy, Its Measurement  
 and Relation to Plasticity  
 Major Adviser, Prof. C. A. Mann

**MARTIN HENRY ROEPKE**

B.S. '28, Kansas State Agricultural  
 College  
 M.S. '29, University of Illinois  
 Major, Biophysics  
 Minor, Physical Chemistry  
 Thesis, The Rate of Formation of  
 the Active Reductants from Sev-  
 eral Sugars  
 Major Adviser, Dr. J. M. Ort

**CHARLES ROSENBLUM**

B.S. '27, University of Rochester  
 Major, Chemistry  
 Minor, Physics  
 Thesis, The Effect of Radon on the  
 Carbon Monoxide Oxidation. The  
 Catalytic Effect of Carbon Diox-  
 ide Formed  
 Major Adviser, Prof. S. C. Lind

**PHILLIP JUSTIN RULON**

B.A. '26, M.A. '28, Leland Stanford  
 University  
 Major, Educational Psychology  
 Minor, Mathematics  
 Thesis, A Statistical Study of the  
 Strong Vocational Interest Blank  
 Major Adviser, Prof. M. E. Hag-  
 gerty

**PHILIP THUMAN SMITH**

B.A. '27, University of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, The Ionization of Gases by  
 Electron Impact  
 Major Adviser, Prof. J. T. Tate

**ABRAHAM DIETRICH STOESZ**

B.A. '23, Bluffton College  
 M.A. '28, University of Minnesota  
 Major, Botany (Ecology)  
 Minor, Botany (Taxonomy) and  
 Geology  
 Thesis, The Successional Role of  
 Subterranean Organs in a Dune  
 Environment  
 Major Adviser, Prof. W. S. Cooper

MARVIN MARTIN DIXON WILLIAMS  
B.S. '25, Whitman College  
M.S. '29, University of Pennsylvania  
Major, Biophysics  
Minor, Physiology  
Thesis, The Effect of X-Rays on the  
Electrical Potentials and the Rate  
of Oxidation of Frog's Skin  
Major Adviser, Dr. C. Sheard

ROBERT VERNON YOHE  
B.A. '27, Drake University  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, The Polymerization of Some  
Unsaturated Hydrocarbons: A  
Study of the Catalytic Action of  
Aluminum Chloride  
Major Adviser, Prof. W. H. Hunter

## DOCTOR OF PHILOSOPHY

### *In Surgery*

JOHN MILTON McCAUGHAN  
B.S. '24, Washington University  
Major, Surgery  
Minor, Pathology  
Thesis, Experimental Studies on the  
External Secretion of the Pancreas  
with Special Reference to the Ef-  
fect of Its Complete Loss by Per-  
manent Pancreatic Fistula  
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VERNA ANN PARKS

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MABEL CATHERINE SURRETT

GERTRUDE MAE GILBERT

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BERTHA NOREM

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CHARLES L. A. SWATEK

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VERONICA B. WEISMANN

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MELBA KATHLEEN WILEY

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**GRADUATE SCHOOL  
MASTERS OF ARTS**

THANNING WILHELM ANDERSEN

B.A. '22, B.S. '26, University of Nebraska

Major, Anatomy

Minor, Zoology

Thesis, Measurements on Female Students at the University of Nebraska

MARCIA EDWARDS

B.A. '25, College of Puget Sound

Major, Education

Minor, Psychology

Thesis, The Relation of College Enrollment to Economic Depression in the United States

EGERTON LEOPOLD BALLACHEY

B.A. '29, Morningside College

Major, Psychology

Minor, Anatomy

Thesis, Variations in Length of Problem as a Factor Influencing Speed of Learning in the White Rat

RAYMOND ELVIN

B.A. '26, Augustana College

Major, Political Science

Minor, History

Thesis, The Status of Leased Territories in China in International Law

FRIEDA C. BOHNSACK

B.A. '20, University of Minnesota

Major, Education

Minor, Mathematics

Thesis, A Study of Diagnosis in Fractions in Algebra

BETH PORTER GARVEY

B.A. '14, Carleton College

Major, Education

Minor, Romance Languages (French)

Thesis, A Quantitative Study of Occupational Interests of Women Students in a Teachers College

CHARLES ALVIN CARLETON

B.A. '28, University of Minnesota

Major, German (Literature)

Minor, German (Philology)

Thesis, The Technique in the Character Creation of the Criminal in the German *Novelle*

ELIZABETH GILLILLAND

B.A. '29, University of Minnesota

Major, Speech

Minor, Psychology

Thesis, William Jennings Bryan: A Study in the Psychology of Persuasion



- ARNOLD HENRY HILDEN  
 B.S. '28, University of Minnesota  
 Major, Educational Psychology  
 Minor, Educational Administration  
 Thesis, A Comparative Study of the  
 Intelligence Quotient and Heinis'  
 Personal Constant
- GEORGE WALTERMANN HOLT  
 B.A. '30, University of Minnesota  
 Major, Physiology  
 Minor, Pathology  
 Thesis, Heparin in Blood Calcium  
 Analyses
- MELBA FRANCES HURD  
 B.A. '27, University of Minnesota  
 Major, Speech  
 Minor, English  
 Thesis, Edmund Burke's Imaginative  
 Consistency in the Use of Com-  
 parative Figures of Speech
- WILLIAM HENRY JOHNSON  
 B.A. '27, University of South Dakota  
 Major, Romance Languages  
 (French)  
 Minor, History  
 Thesis, An Analysis of Muralt's  
*Lettres sur les Anglais*
- LAURENCE ALEXANDER JUDIN  
 B.E. '30, Duluth State Teachers  
 College  
 Major, Educational Psychology  
 Minor, Educational Administration  
 Thesis, The Ability and Achievement  
 of Transfer Students in the Col-  
 lege of Education of the Univer-  
 sity of Minnesota
- CLYDE SAMUEL KILBY  
 B.A. '29, University of Arkansas  
 Major, Education  
 Minor, English  
 Thesis, A Comparative Study of the  
 Bulletins of Twenty-one Large  
 Universities
- RUDOLPH WILLIAM KRAUSHAAR  
 B.A. in Education '21, Northern  
 Normal and Industrial School  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Critical Study of the  
 General Organization of the  
 School Laws of the Various  
 States with Special Reference to a  
 Consideration of Desirable Changes  
 in the School Laws of South Da-  
 kota
- RODNEY COURTNEY LOEHR  
 B.A. '30, University of Minnesota  
 Major, History  
 Minor, Political Science  
 Thesis, The Influence of Arthur  
 Young on English Agriculture
- EUPHEMIA HOLLAND MACLEOD  
 B.S. '29, University of Minnesota  
 Major, English (Literature)  
 Minor, English (Composition)  
 Thesis, The Irish Fairies
- WARD THOMAS NORTH  
 B.S. '15, Drake University  
 Major, Educational Administration  
 Minor, Educational Psychology  
 Thesis, A Survey of Certain Finan-  
 cial Aspects and of Selected Ad-  
 ministrative Activities of the  
 School Districts of Wayne County,  
 Iowa
- ALICE MARY PRENDERGAST  
 B.S. '01, University of Minnesota  
 Major, Romance Languages  
 (French)  
 Minor, English  
 Thesis, The Creative Imagination of  
 Curel
- DONALD EDWARD READ  
 B.A. '27, Carleton College  
 Major, History  
 Minor, Education  
 Thesis, The Development of a  
 Northern Route to the Pacific

RUSSELL MERRILL ROBINSON

B.S. '23, Beloit College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of Certain Factors Contributing to the Selective Character of Nine Illinois High Schools

WILLIAM ALEXANDER RODEAN

B.S. '22, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Overlapping of the Content of Textbooks in General Science and Biology

J. BRUCE SEFERT

B.A. '30, University of Minnesota  
Major, Romance Languages  
(French)  
Minor, English

Thesis, *The Memoires of Marmontel: A Literary Chronicle of Eighteenth Century France 1723-1799*

INEZ DAVIS SPARKS

B.S. '27, University of Minnesota  
Major, Education (Theory and Practice)

Minor, Educational Psychology  
Thesis, A Survey of the Status and Practices of Critic Teachers in the State Teachers Colleges and Normal Schools of Four States

FRANK EDWARD SPENCER

B.A. '25, University of Iowa  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, A Survey of the Extent to which Occupational Studies Are Being Used in Both Counseling and Occupations Classes in Secondary Schools

ALICE SOPHIA SWENSON

B.S. '24, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Information Tests on Taxation and Insurance

EVELYN THORESON

B.S. '28, University of Minnesota  
Major, Latin  
Minor, Education  
Thesis, *The Psychology of Epicurus as it is Expressed by Lucretius in De Rerum Natura*

EVELYN MARION WARNKE

B.A. '29, University of Oregon  
Major, Psychology  
Minor, Educational Psychology  
Thesis, A Diagnostic Study of "Non-Readers"

LESLIE DAVID WHITE

B.A. '22, Hamline University  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Supervisors' Appraisal of Instructional Needs in the Teaching of Arithmetic in Grades Three to Six Inclusive

PAUL SCHMIDT WILSON

B.A. '21, Carleton College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Experiment to Determine the Effect of a Nine Weeks Training Course for Teachers on the Growth in Silent Reading Ability of Pupils as Measured by the Thorndike-McCall Reading Scale

KATE WIND

B.S. '28, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, A Comparative Personnel Study of Retained and Eliminated Pupils in Junior High Schools

## MASTERS OF SCIENCE

MERTON ARTHUR DIMMICK

B.S. in E.E. '26, University of Minnesota

Major, Physics

Minor, Mathematics

Thesis, Efficiencies of Surface in Collecting Electrons

CLARENCE SAMUEL ROSS

B.A. '16, Morehouse College

B.S. '22, University of Minnesota

Major, Animal Husbandry

Minor, Agricultural Education

Thesis, The Self-Feeder Method of Feeding Young Beef Calves

FRANK DONALD MCKENNEY

D.V.M. '28, Colorado Agricultural College

Major, Pathology

Minor, Bacteriology

Thesis, Studies of Pullorum Disease in the Domestic Fowl

GRACE ELGIN TAYLOR

B.H.Sc. '29, University of Saskatchewan

Major, Home Economics

Minor, Education

Thesis, A Study of Methods for the Determination of Wool and Cotton in Fabrics

CLAY WOODMAN MARTIN

B.S. '30, University of Minnesota

Major, Animal Husbandry

Minor, Animal Breeding

Thesis, A Study of the Influence of the Market Grade of Feeder Cattle upon the Cattle Fattening Enterprise

ALICE EVA THOMPSON

B.A. '03, University of Minnesota

Major, Home Economics

Minor, Education

Thesis, A Study of the Practices in the Homes of High School Girls in Minnesota Relative to the Care and Repair of Clothing

## MASTER OF SCIENCE

### *In Chemical Engineering*

ROBERT WILLIAM SANDELIN

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

Major, Chemical Engineering

Minor, Metallography

Thesis, The Design and Operation of an Experimental Rotary Kiln

## MASTER OF SCIENCE

### *In Mechanical Engineering*

THEODORE FRANK ROCKWELL

M.E. '27, University of Akron

Major, Mechanical Engineering

Minor, Architectural Engineering

Thesis, Factors Affecting the Available Head in Gravity Hot Water Heating Systems

THE MEDICAL SCHOOL  
BACHELOR OF MEDICINE

GEORGE CHARLES BRUTSCH, B.A.

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GEORGE CHARLES BRUTSCH, B.A.      LOUIS MARGOLES, B.S., M.B.  
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VERNON A. WEED, B.S., M.B.

GRADUATE SCHOOL  
CIVIL ENGINEER

CYRIL DEWEY JENSEN  
B.S. in C.E. '21, University of Min-  
nesota  
M.S. '29, Lehigh University  
Major, Civil Engineering  
Thesis, Structural Steel Welding

MASTER OF SCIENCE

*In Medicine*

EDGAR VANNICE ALLEN  
B.S. '22, M.A. '25, M.D. '25, Uni-  
versity of Nebraska  
Major, Medicine  
Minor, Pathology  
Thesis, The Suprarenal Glands and  
Hypertension: A Study of the  
Veins within the Suprarenal  
Glands

MASTER OF SCIENCE

*In Obstetrics and Gynecology*

LAWRENCE MERRILL RANDALL  
M.D. '21, University of Iowa  
Major, Obstetrics and Gynecology  
Minor, Physiology  
Thesis, Clinical and Experimental  
Studies on the Fallopian Tube:  
The Intramural Portion in Rela-  
tion to Resistance to the Injection  
of Media

## MASTER OF SCIENCE

### *In Pediatrics*

COLIN CAMPBELL STEWART, JR.  
B.A. '23, Dartmouth College  
M.D. '26, University of Pennsylvania  
Major, Pediatrics  
Minor, Pathology  
Thesis, The Influence of Exsiccosis  
on the Experimental Production of  
Pyuria and Pyelitis

## DOCTORS OF PHILOSOPHY

- ARTHUR JOHN AHEARN  
B.A. '23, Ripon College  
Major, Physics  
Minor, Mathematics  
Thesis, The Emission of Secondary  
Electrons from Tungsten  
Major Adviser, Prof. J. T. Tate
- WALTER WARDLAW ARMENTROUT  
B.S. '16, University of Tennessee  
M.S. '25, University of Wisconsin  
Major, Agricultural Economics  
Minor, Economics  
Thesis, The Efficiency of Coopera-  
tive Livestock Shipping Associa-  
tions in West Virginia  
Major Adviser, Prof. O. B. Jesness
- OLIVER WILFRED CASS  
B.S. '23, Hamline University  
M.S. '27, University of Chicago  
Major, Chemistry (Organic)  
Minor, Chemistry (Physical)  
Thesis, Studies on the Polymethyl  
Benzenes  
I. The Separation of Isomeric  
Trimethyl Benzenes  
II. The Separation of the Iso-  
meric Tetramethyl Benzenes  
III. The Jacobson Reaction  
Major Adviser, Prof. L. I. Smith
- ERNEST HOWALD  
Maturitas '94, Gymnasium Burgdorf  
(Berne, Switzerland)  
Permanent Diploma '99, University  
of Berne  
Major, German  
Minor, Romance Languages  
(French)  
Thesis, Gottfried Keller als  
Schweizer und als Deutscher  
Major Adviser, Prof. F. L. Pfeiffer
- ROBERT THOMAS POLLARD  
B.A. '22, M.A. '23, Ohio State Uni-  
versity  
Major, Political Science  
Minor, History  
Thesis, Some Aspects of China's  
Foreign Relations with Particular  
Reference to the Revision of Her  
Treaties with Foreign Powers  
Major Adviser, Prof. H. S. Quigley
- SISTER MAGNA WERTH  
B.A. '14, St. John's University  
M.A. '15, Catholic University of  
America  
Major, Physics  
Minor, Mathematics  
Thesis, The Relative Efficiency of  
Some of the Mercury-Arc Lines in  
Exciting the Raman Spectrum of  
Benzol  
Major Adviser, Prof. J. Valasek

EDWIN OTTO STENE

B.A. '23, M.A. '29, University of  
Minnesota

Major, Political Science

Minor, Economics

Thesis, Provisions for American  
Public Employees and Officers  
Disabled in the Course of Duty,  
and for Their Dependents in Case  
of Death

Major Adviser, Prof. Wm. Anderson

DEGREES CONFERRED DECEMBER 17, 1931

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AND THE ARTS

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*magna cum laude*

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BERNARD L. SAIBEL

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*cum laude*

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DAVID POTEK  
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WELLINGTON WILLIAM RIEKE  
OWEN F. ROBBINS  
WARD A. RULIEN  
THORSTEN SMITH  
RUSSELL O. SPITTLER  
ARMER HAROLD STOLPESTAD  
HERBERT LAURITZ STOLPESTAD  
WALTER GEORGE LUDWIG TANGLIN, B.A.  
LAURENCE A. VAN HALE, B.A.  
WALTER BRET WELLS

WALE SAMUEL WRIGHT

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ENGINEER OF MINES

NESTORIO NABOR LIM

THE COLLEGE OF PHARMACY

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ARNOLD GRAIS

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*with high distinction*

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CAROLINE LOUDON AVERY	HILMA J. LONGWOOD
HAMLIN BLIX	FREDERICK MILLER MCINNIS
HERBERT HENRY BRENNING	KATHLEEN G. MADSEN
DOROTHY ELIZABETH BRURS	ANDREW ALBERT MEDVEC
MARY MARGARET CONNOLLY	GWENDOLYN A. MELBY
MYRTIE LENORA GLASSER	CAROLYNE OLSEN
MARIAN GOLSETH	IRENE MARION OLSON
OLGA B. HANSEN	ISABELLE FRANCES ROBIDEAU
ROSE MARIE JEROME	KATHERINE LOIS ROGERS
BEN WILLIAM JOHNS	NINA AGNES ROMAIN
ESTHER V. JOHNSON	ARTHUR ENGVALD SALTNESS
FLORENCE M. KILLEEN	FRED WALTER TATTING
CLAIRE A. KNOWLES	SHIRLEY E. TRUMAN

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BACHELORS OF BUSINESS ADMINISTRATION

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ROSSELLE A. BERNE	LYNN B. HANSEN
JOHN BUELOW	IDA ELOISE KOTCHEVAR
WILLIAM CONRAD CHRISTOPHERSON	MOODY DEAN MCCASKILL
HERBERT JOSEPH DOWER, JR.	CHARLOTTE O. MATTSO
JOSEPH LEWIS EISCHEN	JOSEPH CLINTON PAULSON
LOUIS ADOLPH FISHER	FREDERICK SIDNEY ROESLER
HUGO EVERETT FORSMAN	LLOYD G. STANLEY
GLENN AUGUSTUS FREEBERG	NATHANIEL EDGAR TREAT
HORACE ARNOLD GREENBERG	HENRY J. WOLFF
MORRIS PHELPS GROSMAN	WILLIS ANDREW ZIGNEGO

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MARY LOUISE LATHAM

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DAVE I. HALPERN  
PAUL DAVID HIGGINS  
NELS ANDREW NELSON  
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THE LAW SCHOOL  
BACHELORS OF LAWS

LEONARD EVAN EDWARDS

ROLF THEODORE HARBO, B.A., M.A.  
MAX G. SEGALL

GRADUATE SCHOOL  
MASTERS OF ARTS

WALTER ALEXANDER ANDERSON  
B.S. '29, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, An Experimental Study to  
Establish the Needs of Educational  
Clinics in Junior High Schools

CONRAD GUSTAVUS HAUGEN  
B.A. '21, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Trend in Public School  
Indebtedness with Special Refer-  
ence to Minnesota

HAROLD R. ENESTVEDT  
B.A. '28, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Legal Status of Second-  
ary Education in the States

ALETHA MARGUERITE HERWIG  
B.S. '28, University of Minnesota  
Major, History  
Minor, Political Science  
Thesis, The Settlement and Develop-  
ment of Martin County, Minnesota,  
1856—1880

THELMA GLADYS FORCE  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Relative Difficulty of  
Problems in the Teaching of Read-  
ing in Grades Four Through Nine

ARCHIE NEFF JONES  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Training, Experience,  
and Activities of 176 Minnesota  
Music Teachers and Supervisors

ARTHUR JAMES LARSEN

B.S. '26, University of Minnesota  
Major, History  
Minor, Education  
Thesis, The Settlement and Development of Rice County, Minnesota to 1875

ROY ELLIS LINDSTEDT

B.A. '27, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Trends in Recent Educational Legislation

EVELYN BIRGITTE NILSEN

B.A. '30, Concordia College  
Major, English  
Minor, Philosophy  
Thesis, A Study of the Supernatural Element in the Ballads of Coleridge and of Dante Gabriel Rossetti

SOPHUS BRAROE NISSEN

B.A. '13, University of Minnesota  
Major, Sociology  
Minor, Educational Administration  
Thesis, Newspapers as Socializing Agents for Schools: A Study of Selected Newspapers in South Dakota with Reference to Their School News Content for the School Year 1928-29

WILLIAM EARLS NOYES

B.A. '11, Macalester College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Relationships Between the Superintendent of Schools and the School Board

FRANCISCA STRZEMIE-LOWSKA RYAN

B.A. '17, University of Minnesota  
Major, German  
Minor, Comparative Philology  
Thesis, Nibelungen Saga Motifs in the Slavic Folk Tale

JOHN WILLIAM SCANLAN

B.S. '28, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Public School Libraries in Minnesota

WILLIAM JOHN SCANLAN

B.B.A. '29, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Analysis of the Methods Followed by School Administrators in Minnesota in the Management of Current School Funds

PAUL HOWARD SCHWANKL

B.A. '30, University of Minnesota  
Major, Psychology  
Minor, Zoology  
Thesis, A Comparative Study of Reaction Time in Active and Non-active Animals

MILDRED LEE SHEA

Ph.B. '22, University of Chicago  
Major, English  
Minor, French  
Thesis, The Character of the Clergy in English Fiction, 1785-1825

HILDA ELIZABETH SMITH

B.S. '26, Kansas State Teachers College  
Major, History  
Minor, Political Science  
Thesis, The Advance and Recession of the Agricultural Frontier in Kansas, 1865-1900

JOHN EDWARD SNYDER

B.S. '29, University of Illinois  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of the School Laws of the States in Reference to the Administration of Health Activities in Public Schools

ROLAND MAXWELL TORGERSON

B.S. '26, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Unit Operations in Junior  
High School Woodwork

DUNSTAN TUCKER

B.A. '25, St. John's University  
Major, English  
Minor, French  
Thesis, Jonathan Swift's Religious  
Beliefs

LYLE MELVIN WIKRE

B.A. '18, St. Olaf College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, The Status of the County  
Superintendent in Minnesota

BLANCHE KEELER WILLIAMS

B.A. '30, Carleton College  
Major, English  
Minor, Comparative Literature  
Thesis, Changes in the Characteriza-  
tion of Sir Gawain from Medieval  
to Modern English Arthurian  
Romance

ROMEO MAXWELL ZULAUF

B.A. '24, Carleton College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Vocational Histories of Ele-  
mentary School Principals

## MASTERS OF SCIENCE

EARL ELMER BARRETT

B.A. '29, University of Minnesota  
Major, Physiologic Chemistry  
Minor, Bacteriology  
Thesis, Iodine in Minnesota Pota-  
toes, with an Attempt to Correlate  
It with Goiter

MARTIN MAEVERS

Dipl. Landwirt '26, University of  
Göttingen (Germany)  
Major, Agricultural Economics  
Minor, Economics  
Thesis, The Raiffeisen System and  
Its Significance for the German  
Farmer

WILLIAM EARL MORRIS

B.S.A. '09, University of Wisconsin  
Major, Animal Husbandry  
Minor, Agricultural Economics  
Thesis, The Type of Calf Used as a  
Factor in Baby Beef Production

JOHN WESLEY NELSON

B.S. '25, University of Minnesota  
Major, Agricultural Biochemistry  
Minor, Bacteriology  
Thesis, The Phosphorus and Vita-  
min D Requirements of the Con-  
fused Flour Beetle (*Tribolium  
confusum* Duval)

HELEN MARJORIE ROBINSON

B.Chem. '28, University of Minnesota  
Major, Agricultural Biochemistry  
Minor, Physical Chemistry  
Thesis, The Viscosity and Optical  
Rotation of Ovalbumin Sols Over  
a Range of Hydrogen Ion Con-  
centration

EUGENE THADDEUS SCAFE

B.A. '30, Southwest Missouri State  
Teachers College  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, A Study of the Bromination  
of Diphenylacetaldehyde

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

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GRADUATE SCHOOL  
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*In Dermatology and Syphilology*

HUBERT JAMES FARRELL  
B.S. '25, M.D. '28, Marquette  
University  
Major, Dermatology and Syphilology  
Minor, Pathology  
Thesis, Cutaneous Melanomas with  
Special Reference to Prognosis

MASTERS OF SCIENCE

*In Medicine*

- |   |  |
|---|--|
| CHARLES FRANCIS BURKE<br>B.S. '25, M.D. '27, University of<br>Wisconsin<br>Major, Medicine<br>Minor, Pathology<br>Thesis, The Hemorrhagic Tendency<br>in Jaundice: A Study of the Blood<br>Fibrin, Sedimentation Rate, Coag-<br>ulation Time and Other Blood<br>Factors | SELMA CHRISTINE MUELLER<br>B.A. '24, M.D. '27, University of<br>Michigan<br>Major, Medicine<br>Minor, Pathology<br>Thesis, Duodenal Diverticula  |
| PHILIP SCHOWALTER HENCH<br>B.A. '16, Lafayette College<br>M.D. '20, University of Pittsburgh<br>Major, Medicine<br>Minor, Clinical Investigation<br>Thesis, A Salivary Index to Renal<br>Function   | FRANCIS RALSTON VANZANT<br>B.A. '22, Rice Institute<br>M.D. '26, University of Texas<br>Major, Medicine<br>Minor, Physiology<br>Thesis, The Effect on the Stomach of<br>Non-Specific Protein Injections        |
| ARTHUR CARL KERKHOF<br>B.S. '25, M.D. '28, University of<br>Minnesota<br>Major, Medicine<br>Minor, Pathology<br>Thesis, The Osmotic Pressure of the<br>Plasma Proteins as a Factor in the<br>Formation of Oedema  | GEORGE K. WEARTON<br>M.B. '27, University of Toronto<br>Major, Medicine<br>Minor, Pathology<br>Thesis, The Blood Supply of the<br>Pancreas with Special Reference<br>to that of the Islands of Langer-<br>hans |

## MASTER OF SCIENCE

### *In Neurology*

HUGH THOMPSON CARMICHAEL  
M.D.C.M. '23, Queen's University  
Major, Neurology  
Minor, Pathology  
Thesis, Squamous Epithelial Rests in  
the Hypophysis Cerebri

## MASTERS OF SCIENCE

### *In Neurologic Surgery*

HARRY TELFORD ROY MOUNT M.B. '24, University of Toronto Major, Neurologic Surgery Minor, Physiology Thesis, An Experimental Study of the Effects of Stimulation and Section of the Vagal Innervation to the Bronchi and Their Possible Relation to Asthma	ADRIEN VERBRUGGHEN M.B. '22, Ch.B. '22, Sydney Univer- sity Major, Neurologic Surgery Minor, Pathology Thesis, Intramural Extension of Gas- tric Carcinoma
---	--

## MASTER OF SCIENCE

### *In Radiology*

VITO WITTING  
M.D. '26, University of Florence  
Major, Radiology  
Minor, Physiology  
Thesis, The Effect of Intravenous  
Injection of Sodium Benzoate on  
the Respiratory Metabolism and  
Nitrogen-Elimination with Differ-  
ent Diets

## MASTERS OF SCIENCE

### *In Surgery*

HERBERT AUSTIN CARLSON B.S. '21, M.D. '24, University of Minnesota Major, Surgery Minor, Pathology Thesis, Inhibition of Respiration as a Factor in the Pathogenesis of Post- operative Pulmonary Complications	ELI ELISMAN CHRISTENSEN M.D. '26, University of Iowa Major, Surgery Minor, Pathology Thesis, Tumors of the Cartoid Body
--	---



JOSEPH MARION DONALD

B.S. '23, University of Alabama  
M.D. '25, Tulane University  
Major, Surgery  
Minor, Physiology  
Thesis, Studies on Carbohydrate  
Metabolism Following Denervation  
of the Liver

NATHANIEL LOGAN LEVEN

B.A. '23, Macalester College  
B.S. '25, M.D. '27, University of  
Minnesota  
Major, Surgery  
Minor, Physiology  
Thesis, Primary Carcinoma of the  
Pancreas

OSCAR HUGH FULCHER

B.S. '22, College of William and  
Mary  
M.D. '26, University of Virginia  
Major, Surgery  
Minor, Physiology  
Thesis, I. A Modified Method for  
Determining Organic Phosphorus  
II. Application of this Modified  
Method for Studying Phosphorus  
Metabolism in the Isolated Proteins  
of Muscle and Liver Tissue

JAMES BRYANT MASON

B.A. '21, University of Illinois  
M.D. '25, University of Pennsylvania  
Major, Surgery  
Minor, Physiology  
Thesis, A Plethysmographic Study of  
the Thyroid Gland of the Dog

DANIEL ROBERT HARDEMAN, JR.

B.S. '26, M.D. '27, University of  
Arkansas  
Major, Surgery  
Minor, Pathology  
Thesis, Studies in Volume Changes  
of the Pancreas

GEORGE THOMAS MURPHY

B.A. '20, University of Illinois  
M.D. '24, Rush Medical College  
Major, Surgery  
Minor, Experimental Surgery  
Thesis, The Phagocytic Stellate (v.  
Kupffer) Cells in the Liver of  
Vertebrates

## MASTER OF SCIENCE

### *In Urology*

STANFORD WALLACE MULHOLLAND

M.D. '25, University of Michigan  
Major, Urology  
Minor, Pathology  
Thesis, The Cytology of Prostatic  
Secretion and Its Relation to  
Malignancy

## DOCTORS OF PHILOSOPHY

### HAROLD MONTGOMERY BARNETT

B.A. '25, Nebraska Wesleyan University

M.S. '27, University of Minnesota

Major, Agricultural Biochemistry

Minor, Plant Physiology

Thesis, Studies on Leucine and Di-leucine Hydrochloride and the Development of a New Method for the Isolation of Leucine from Proteins

Major Adviser, Prof. R. A. Gortner

### LEWIS ETHELBERT DRAKE

B.A. '28, University of Minnesota

Major, Psychology

Minor, Anatomy

Thesis, Studies of the Proprioceptive Functions in the Rat

Major Adviser, Prof. W. T. Heron

### STUART JAMES ROBERT DUNN

B.S. '23, University of Minnesota

M.S. '25, Iowa State College

Major, Plant Physiology

Minor, Agricultural Biochemistry

Thesis, The Relation of Hydrophilic Colloids to Hardiness in Cabbage, Brussels Sprouts, and Alfalfa Plants as Shown by the Dye Adsorption Test

Major Adviser, Prof. R. B. Harvey

### OLIVER REED FLOYD

B.A. '25, M.A. '28, University of Pittsburgh

Major, Educational Administration

Minor, Educational Psychology

Thesis, An Evaluation of the Preparation, Selection, and Certification of Junior High School Teachers

Major Adviser, Prof. Fred Engelhardt

### FRANK JAMES GREANEY

B.S. '22, Ontario Agricultural College

M.S., '26, University of Minnesota

Major, Plant Pathology

Minor, Plant Genetics

Thesis, The Prevention of Cereal Rusts by the Use of Fungicidal Dusts

Major Adviser, Prof. E. C. Stakman

### EARL ALBON HEWITT

B.A. '14, Des Moines College

B.S. '15, D.V.M. '18, Iowa State College

Major, Physiology

Minor, Pharmacology and Veterinary Medicine

Thesis, Certain Morphologic and Chemical Phases of the Blood of Normal and Cholera-Infected Swine

Major Adviser, Prof. F. H. Scott

### OTTO GERHARD JENSEN

B.A. '27, St. Olaf College

M.S. '29, Pennsylvania State College

Major, Agricultural Biochemistry

Minor, Physical Chemistry

Thesis, Interfacial Energy and the Molecular Structure of Organic Compounds

Major Adviser, Prof. R. A. Gortner

### JOHN WILLIAM READ

B.S.A. '07, M.S. '08, University of Missouri

Major, Agricultural Biochemistry

Minor, Organic Chemistry

Thesis, The Effects of Ultra-Violet Irradiation on the Chemical and Nutritive Properties of Baked Products

Major Adviser, Prof. C. H. Bailey

**BURRELL FRANKLIN RUTH**

B.S. '23, M.S. '25, Michigan State  
College

Major, Chemical Engineering

Minor, Physical Chemistry

Thesis, Studies in Filtration

Major Advisers, Profs. G. H. Mont-  
tillon and R. E. Montonna

**JOHN STANLEY**

B.A. '27, University of British Co-  
lumbia

M.A. '29, University of Minnesota

Major, Entomology

Minor, Mathematics

Thesis, The Mathematical Theory of  
a Single Species Insect Population

Major Adviser, Prof. R. N. Chapman

**CLIFFORD JAMES BYRON THOR**

B.S. '28, University of Minnesota

M. A. '29, Oberlin College

Major, Agricultural Biochemistry

Minor, Organic Chemistry

Thesis, The Effect of Alkalis upon  
Cystine

Major Adviser, Prof. R. A. Gortner

**DOCTOR OF PHILOSOPHY**

*In Surgery*

**HARRY HAMILTON COOKE**

B.S. '21, M.D. '24, M.A. '29, M.S. in  
Surgery '31, University of Minne-  
sota

Major, Surgery

Minor, Pathology

Thesis, A Pathological, Experimental  
and Clinical Study of Lipoid De-  
posits in the Gallbladder

Major Adviser, Dr. F. C. Mann

# DEGREES CONFERRED MARCH 17, 1932

## THE MEDICAL SCHOOL GRADUATES IN NURSING

ELEANOR LOUISE ALTSTATT	EFFIE LOUISE MALAND
ELLA SOPHIA DICKMANN	GERTRUDE MARIE MANDT
MARY LOUISE DUNCAN	DOROTHY ANNE NORRIS
PAULINE VON SCHRADER FLETCHER	FREDA KATHERINE PARKS
FRANCES LUCILLE GLEASON	EVELYN ANN PATTERSON
GLADYS MARION GUNDERSON	MARY LUCILLE PEARSON
ELEANOR JOHANN CHRISTINE HAASE	GUNDA RAMSEY
ANN DORIS HANSON	COLETTA A. REWALT
ESTHER J. JACOBS	DOROTHEA A. RING
IONE M. JOHNSON	GENEVIEVE ESTHER RUE
IRENE BERNICE JOHNSON	REBA ALLYNE STALEY
NELLIE WINIFRED JOHNSON	AMY C. STOLPE
CLARA MARION KRUEGER	JEAN WISHART TAYLOR, B.A.
MYRTLE VIOLA KYRKLUND	GRACE ELMINA WELCH
ROSE VIRGINIA LICHTENSTEIN	HELEN VIOLA WIGGERT

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

### BACHELORS OF ARTS

*cum laude*

WRIGHT BROOKS	LUCIE CONSTANCE KLAMMER
WILLARD JOHN CONLEY	

### BACHELORS OF ARTS

JUSTIN HENRY BROWN	MONROE IRVING LEVINSOHN
FRANK FREDERICK CASPERS, JR.	ROBERT LEE LYNN
DAVID ERSKINE DRISCOLL	EMMETT JAMES MARSHALL
ZELDA GOLDBERG	GEORGE MINARD MUNSON
KALMAN SAUL GOLDENBERG	ALICE RANSOM OTIS
RALPH ADOLPH HOCKENSON	DANIEL BURNELL PICKETT
JOSEPH J. HOFMEISTER	THOMAS F. RYAN
GERTRUDE GILE HOSFORD	SIGSBEE R. SELJESKOG
MILDRED ELZENA HUFF	PATRICIA STEPHENSON
MENFRED LEROY JOHNSON	MARVIN WALTER STRATE
ARNOLD M. JYLHA	RALPH OTTO WEBER
GEORGE BLOCK KRAUS	

BACHELOR OF SCIENCE

HAROLD GOLDBERG

THE COLLEGE OF ENGINEERING AND ARCHITECTURE

BACHELOR OF AERONAUTICAL ENGINEERING

HAROLD H. STANLEY

BACHELOR OF AGRICULTURAL ENGINEERING

EARL ROBERT YOUNG

BACHELORS OF CIVIL ENGINEERING

CLARENCE EDWARD JOHNSON

ARNE VERMA LEHTINEN

OLAF LEIN, JR.

JAMES LEWIS O'MARR

GERALD FRANCIS TIMMINS

EDWARD GRAY WHITMAN

BACHELORS OF ELECTRICAL ENGINEERING

ELMER WILFRED AHLSTROM

PAGE M. SIMPSON

BACHELORS OF ARCHITECTURE

HENRI BERNARD BRUNET

FERRIS LEO SEASHORE

MELVIN CHESTER STENRUD

THE SCHOOL OF CHEMISTRY

BACHELOR OF CHEMICAL ENGINEERING

HAROLD EDWARD GRAVES

THE COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS

BACHELORS OF SCIENCE

*with distinction*

*(Course in Agriculture)*

GRENFALL FREDERICK HARMS

*(Course in Agricultural Science)*

A. ORVILLE DAHL

CLARENCE E. LARSON

HAROLD MATTSO

*(Course in Forestry)*

HAROLD EDWIN ENGSTROM

ROY GEORGE WAGNER

## BACHELORS OF SCIENCE

*(Course in Agriculture)*

PAUL JULIAN CARPENTER

WALTER D. SWENSON

HENRY ARTHUR HEALY

SYLVAN TRUMAN WARRINGTON

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*(Course in Agricultural Science)*

GLEN H. REEP

*(Course in Forestry)*

HARRY EDWARD ADAMS

ALEXANDER B. KARKULA

DOROTHEA MAE CAHILL

ARTHUR JOHN MAYER

DONALD WILCOX CAMPBELL

GEORGE EMANUEL SEABERG

WILLIAM JOSEPH GRIGG

*(Course in Home Economics)*

MARION C. DIEGEL

RUTH LEE SMITH

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

### BACHELORS OF SCIENCE

*(Course in Home Economics)*

LOUISE BARBARA BOOS

FERN ELEANOR MATTSON

LUELLA CAROLYN HALVORSON

MAE I. STEPHENSON

ELSA A. HENDRICKSON

## THE MEDICAL SCHOOL

### BACHELORS OF SCIENCE

NELS HENRY ANDERSON

WALLACE A. MERRITT

CLARENCE HAROLD BUCKLEY

LEO R. PRINS, JR.

STEWART THEODORE GINSBERG

WILLIAM C. SCOTT

ROBERT WINSTON HOLMEN

NATALIE TANKENOFF

ARTHUR AUGUST HERMAN KOEPEL

THOMAS GORDON WALKER

RAPHAEL KOFF

HARRY ANDREW WHEELER, JR.

CARL GUSTAV KRONING

## THE COLLEGE OF PHARMACY

### BACHELORS OF SCIENCE

*In Pharmacy*

BERNARD AABEL

RAYMOND A. CALLANDER

THOMAS ADDISON BARTLEY

## PHARMACEUTICAL CHEMIST

SAM ALLEN BEUGEN

### THE COLLEGE OF EDUCATION

#### BACHELORS OF SCIENCE

*with high distinction*

MARY LOUISE DUNCAN

JEAN MARION GILRUTH

#### BACHELORS OF SCIENCE

*with distinction*

RICHARD CLAYTON BROWER

HARRIET MARIE MILLER

BESSIE JEANNETTE KEITH

REBECCA EMILY OLSON

EDWARD F. J. LAPIC

JULIA UGGEN

MADELINE V. LONGHWAY

HELEN VIOLA WIGGERT

#### BACHELORS OF SCIENCE

HARRIET V. AMUNDSON

FREDA KATHERINE PARKS

ELVIRA OLGA BIERBAUER

ANNA ISABEL PEARSON

ELIZABETH ELLA BIRUM

EDWARD THEODORE PETERSON

DONALD I. CHERP

LAURA MARY REINKE

FRANCIS EDWARD DRAKE, JR.

ANNABELLE M. RIVETT

ELIZABETH MARY GOODRICH

FRANCES EUGENIA SNIDER

CLIFFORD E. HOOKER

ESTHER ALFREDA STREANDER

NELLIE E. HOWARD

JOHN A. E. STROMBERG

DOLLY LORRAINE HUBBARD

TYNE MARTHA SUOJA

RACHEL LOUISE JAMES

HAROLD UTOFT

ANNA LAURA KIERNAN

ELIZABETH MARIE C. WISE

NELLE McNAMARA

LILLIAN BERTHA O. ZARLING

SADIE M. NYLUND

### THE SCHOOL OF BUSINESS ADMINISTRATION

#### BACHELORS OF BUSINESS ADMINISTRATION

IRVING VINCENT BRUNS

ALDRICH THEODORE MATTISON, JR.

HOWARD A. CHEEVER

FREDERICK JUERGENS MORLOCK

EDWIN BRUCE CHOWN, B.A.

DONALD O'BRIAN

C. HAROLD CHRISTENSON

ELMO ALAN ROSE

TERRELL FOREMAN

RUSSELL ELBERT SAWYER

WILLIAM ARTHUR FOWLER

FRED M. SEED

RUDOLPH GARFIN

MAURICE FRANK SELANDER

HORACE LEVITT HAMILTON

LESLIE CHRISTIAN SMITH

DONALD W. KULSTAD

CLYDE EVERTON SUMNER

TELFORD LINDBORG

GEORGE HENRY SUNDELL

JOHN B. McNAMARA

CLIFFORD WADHAM WILLIAMS

OSCAR W. MAENKE

## UNIVERSITY COLLEGE

### BACHELORS OF ARTS

LEONARD E. EVANS

ICKO L. KAISER

### BACHELOR OF SCIENCE

DAVID N. RUDIN

## THE COLLEGE OF DENTISTRY

### DOCTOR OF DENTAL SURGERY

SAMUEL SIMS JACKSON

## GRADUATE SCHOOL

### MASTERS OF ARTS

LLOYD BENJAMIN BJORNSTAD

B.S. '26, University of North Dakota  
Major, Educational Administration  
Minor, Industrial Education  
Thesis, The Supervision of Industrial Education in the Public Schools of Minnesota

EARL GARRICK MILLER

B.A. '22, Iowa State Teachers College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, An Analysis of Current Expenses in Township High Schools of Illinois

DORIS PENELOPE CLUTTER

B.S. '22, University of Missouri  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Informational Units in Arithmetic: A Study in Their Evaluation (Sixth Grade)

STANLEY BARRETT NEWHALL

B.A. '30, Williams College  
Major, History  
Minor, Political Science  
Thesis, The United States and the English Blockade, 1914-1917

SIGURD LAWRENCE JOHNSON

B.S. '22, University of Minnesota  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Legal Controls in the Consolidation of Schools

EDWIN NATHANIEL OBERG

B.A. '29, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, Properties of a Certain Type of Differential Equation

OSCAR FREDERICK LITTERER

B.A. '29, Cornell College  
Major, Psychology  
Minor, Educational Psychology  
Thesis, An Experimental Analysis of Reading Performance

GEORGE A. PALMER

B.A. '29, De Pauw University  
Major, History  
Minor, Economics  
Thesis, Thomas R. Marshall, Lawyer; a Study of the Country Lawyer



RAYMOND FRANKLIN SLETTO  
B.S. '26, University of Minnesota  
Major, Sociology  
Minor, Educational Administration  
Thesis, A Study of the Relationship  
Between Sibling Position and Ju-  
venile Delinquency

ARTHUR WEBSTER TRUE  
B.S. '24, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, An Analysis of the Real  
Estate Problems of the Minnesota  
Rural Credits Department

VELMA VIOLET SPAULDING  
B.S. '18, University of Idaho  
Major, Preventive Medicine and  
Public Health  
Minor, Child Welfare  
Thesis, The Height and Weight of  
Suspected Tuberculous Children

FLORENCE KELLY ZELENY  
B.A. '22, University of Michigan  
Major, Education  
Minor, Educational Psychology  
Thesis, An Analytical and Experi-  
mental Study of the Reading Abili-  
ties of Students in the Saint Cloud  
Teachers College

## MASTERS OF SCIENCE

JOSEPH BALDWIN DAY  
B.S.A. '25, University of Manitoba  
Major, Agricultural Economics  
Minor, Economics  
Thesis, A Study of Farm Lease  
Problems in Minnesota

ERNEST R. QUACKENBUSH  
B.S. '21, University of Pennsylvania  
Major, Agricultural Economics  
Minor, Economics  
Thesis, A Study of Some Economic  
Factors Affecting the Food Costs  
of Eighty-four Twin City Families

## MASTER OF SCIENCE

### *In Electrical Engineering*

LOUIS JOHN SCHNELL  
B.S.E.E. '24, University of Colorado  
Major, Electrical Engineering  
Minor, Physics  
Thesis, Study of a Thermionic  
Triode of Unconventional Design

## THE MEDICAL SCHOOL

### BACHELORS OF MEDICINE

NELS HENRY ANDERSON  
THOMAS ANTHONY ANGLAND, B.S.  
CLAYTON T. BEECHAM, B.S.  
VERL G. BORLAND, B.S., M.A.  
CLARENCE HAROLD BUCKLEY  
KENNETH D. DICKINSON, B.A.  
DAVID MOYLE FLETT, B.A., B.S.

STEWART THEODORE GINSBERG  
RICHARD FRED HERBST, B.S.  
ROBERT WINSTON HOLMEN, B.A.  
PHILIP EDWARD KARLEN, B.S.  
ARTHUR AUGUST HERMAN KOEPSSELL  
CARL GUSTAV KRONING  
HORACE DE LIEN, B.S.

RUTH I. LUNDBERG, B.S.  
ALFRED MERRILL McCAUSLAND, B.S.  
DONALD C. MACKINNON, B.S., M.A.  
WALTER PHILIPPE MANNING, B.S.  
WALLACE A. MERRITT  
GEORGE ERVING PENN, B.A.  
WILLIAM J. L. PORCHER, B.S.  
LEO R. PRINS, JR., B.S.  
WILLIAM C. SCOTT

ROSEL T. SEASHORE, B.A.  
RUSSELL O. SPITTLER  
LINCOLN FELCH STEFFENS, B.A.  
ROY GLEN SWENSON, B.S.  
FRED O. TROTTER, B.S.  
DANIEL JOHN WALIGORA, B.S.  
THOMAS GORDON WALKER, B.S.  
HARRY ANDREW WHEELER, JR.

## DOCTOR OF MEDICINE

*with distinction*

VERL G. BORLAND, B.S., M.A.

## DOCTORS OF MEDICINE

WALLACE GERALD BECKMAN, B.S., M.B. MALCOLM HOFFMAN, B.A., M.B.  
THEODORE JOHN BULINSKI, B.S., M.B. WALTER CLINTON JUMP, B.A., M.B.  
DESMOND HAYS CALLAGHAN, B.A., EMMETT LEROY KEHOE, B.S., M.B.  
B.S., M.B. RALPH BURNSSELL KETTLEWELL, B.A.,  
B.S., M.B.  
ARVID EDWARD CARLSON, B.S., B.A., M.B. EMIL ROBERT KRUEGER, B.S., M.B.  
DONALD ELLIOTT CLARKE, B.S., M.B. DONALD C. MACKINNON, B.S., M.A.  
O. JOCEVIOUS FARNES, B.S., M.B. RICHARD HENRY PICHA, B.S., M.B.  
CLARENCE GEORGE FAUE, B.S., M.B. GEORGE HARLAND PURVES, B.A., B.S.  
M. C. BERNICE FIGENSHAU, B.S., M.B. M.B.  
JOSEPH BENEDICT GAIDA, B.A., B.S., EDWARD WILLIAM ROBERTS, B.S., M.B.  
M.B. SYDNEY FRANCIS ROGERS, B.S., M.B.  
PHILLIP EMBURY GRIFFIN, B.S., M.B. LUDWIG J. SEIBEL, B.S., M.B.  
WILLIAM HENRY HAINES, B.S., M.B. HAROLD WENDELL THATCHER, B.S., M.B.  
ELLIS HAROLD HARRIS, B.S., M.B. FLOYD AMMANN THOMPSON, B.A., M.B.

## GRADUATE SCHOOL

### CIVIL ENGINEER

GEORGE JOHN SCHROEPFER  
B.S.C.E. '28, M.S. '30, University of  
Minnesota  
Major, Civil Engineering  
Minor, Structural Engineering  
Thesis, Engineering Economic Prob-  
lems in the Sewage Disposal Proj-  
ect of Minneapolis and St. Paul

## MASTER OF SCIENCE

### *In Surgery*

J. GRAFTON LOVE

B.A. '23, Wake Forest

M.D. '27, University of Pennsylvania

Major, Surgery

Minor, Pathology

Thesis, The Effect of Phosphorus on  
the Normal and Recently Restored  
Liver Following Partial Hepatec-  
tomy in the Albino Rat

## DOCTORS OF PHILOSOPHY

CHARLES ARNOLD ANDERSON

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

Major, Sociology

Minor, Psychology

Thesis, Assortative Mating, with  
Special Reference to Age in Eng-  
land, 1858-1925

Major Advisers, Prof. F. S. Chapin  
and Prof. A. E. Treloar

HAROLD OLIVER WILES

B.S. '27, Montana State College

M.S. '29, University of Minnesota

Major, Agricultural Biochemistry

Minor, Physical Chemistry

Thesis, The Rotatory Dispersion of  
Gliadin Peptized by Different Solu-  
tions

Major Adviser, Prof. R. A. Gortner

ELLA LYDIA WIEG

Ph.B. '25, Ph.M. '29, University of  
Wisconsin

Major, Child Welfare

Minor, Educational Psychology

Thesis, Bi-lateral Transfer in the  
Motor Learning of Young Chil-  
dren and Adults

Major Advisers, Prof. F. L. Good-  
enough and Prof. J. E. Anderson

VERNON ALEXANDER WILKERSON

B.A. '21, University of Kansas

M.D. '25, University of Iowa

Major, Agricultural Biochemistry

Minor, Physiology

Thesis, A Biochemical Study of Em-  
bryonic (Pig) Growth, with  
Special Reference to Nitrogenous  
Compounds

Major Adviser, Prof. R. A. Gortner

## DOCTORS OF PHILOSOPHY

### *In Surgery*

CHARLES DONALD CREEVY

B.S. '24, M.D. '27, M.S. '30, Uni-  
versity of Minnesota

Major, Surgery

Minor, Pathology

Thesis, Effects of Acute Retention  
of the Urine: an Experimental  
Study

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

CHARLES BERNARD PUESTOW

B.S. '23, University of Wisconsin

M.D. '25, University of Pennsylvania

Major, Surgery

Minor, Physiology

Thesis, Observations of the Dis-  
charge of Bile into the Duodenum:  
an Experimental Study

Major Adviser, Dr. Frank C. Mann

# HONORS AND PRIZES ANNOUNCED ON CAP AND GOWN DAY, MAY 12, 1932

## PHI BETA KAPPA

LUCILLE AITCHISON  
VERNA L. ANDERSON  
EDWARD BADE  
LAWRENCE BERMAN  
HILDRED BROHAUGH  
ELIZABETH S. BROWN  
RICHARD D. T. CARLSON  
HUGH D. COLBY  
OLIVE L. CROCKER  
MARY CULHANE  
MARJORIE E. DAVIS  
RUTH L. DAY  
IRVEN M. EITREIM  
LILLIAN GILLILLAND  
JEAN GILRUTH  
JEANET GOLDSTEIN  
JOHN HERBERG  
MARY HUFF  
SIGURD JOHANSEN  
RUSSELL E. JOHNSON  
SIDNEY KANER  
BESSE S. KATZ

LUCIE C. KLAMMER  
JOSEPH MAUN  
SIMON MILLER  
VIRGINIA MILLER  
BENJAMIN MOSKOVITZ  
JOHN B. MOYLE  
MARJORIE MYERS  
CATHERINE H. NEWTON  
RUTH A. OLSEN  
LAILA PUNKARI  
BERNARD SAIBEL  
MILDRED SEEGER  
RUSSELL C. SMITH  
MARGARET TALLMADGE  
GRACE E. THEES  
PHYLLIS TURRITTEN  
LAWRENCE L. VANCE  
HELEN I. WALKER  
WILSON A. WALLIS  
HELEN A. WEBSTER  
ROBERT B. WEST

## LAMBDA ALPHA PSI

EMMA M. BIRKMAIER  
JEAN M. BOYER  
RICHARD D. F. CARLSON  
B. J. CHRISTENSEN  
MARY J. CULHANE  
CONRAD H. DIEKMANN  
HELEN BELLE ELVEBACK  
RAYMOND L. GRISMER  
HELEN E. HAMILTON  
MABEL HAMMOND  
JANE HANLY  
IRENE R. HEDBERG  
CHESTINE BEACH KNIGHT  
JEANNETTE LATTI  
ALBERT LOOSEN

HILDE LYNCKNER  
VIRGINIA E. MILLER  
JEAN F. MOSIER  
S. JERROLD ORENSTEIN  
J. RIIS OWRE  
J. WESTON PRINCELL  
MARION A. RASMUSSEN  
HANS SACHSE  
DELORIS BERENIECE SCHREIBER  
SHERNA SHALETT  
RUTH E. STEVENS  
GRACE E. THEES  
HELEN ISABELLE WALKER  
ALLEN B. WARD  
LENORE E. WOLF

## TAU BETA PI

DAVID B. ANDERSON  
NELSON E. ANDERSON  
JOHN APPERT  
BENJAMIN M. AXILROD  
FRED BAUMANN  
GORDON BODIEN  
CLEDO BRUNETTI  
ROBERT CALTON  
FORTON A. CHRISTOFFER  
CARL W. CHRISTENSEN  
STEPHEN ERICKSON  
WINFIELD W. FOSTER  
WALTER E. GARTNER  
ROBERT GEEHAN  
KENNETH GOLDBLUM  
ROBERT O. HAXBY  
JOHN H. HAYES  
SIGMUND J. JACOBS  
ARCHIE B. JAPS  
PAUL JERABEK  
KENNETH O. JOHNSON  
MARVIN JOHNSON  
RICHARD C. JORDAN  
ANTHONY A. JUETTNER

JULIUS KATZ  
ROBERT F. KREISS  
DONALD LESLIE  
SAMUEL LEVY  
ALBERT LILJA  
GORDON F. LINDNER  
SCOTT E. LINSLEY  
CECIL MARCH  
HUGH MEINDL  
EINAR MICHALSON  
RAYMOND MILNER  
ALBERT E. OLSON  
MILTON OLSON  
RALPH PECK  
EUGENE PFLEIDERER  
EDGAR L. PIRET  
GAYLE PRIESTER  
PAUL W. SALO  
HAROLD A. SANDERSON  
MILTON SCHMIDT  
WALTER A. SPECHT  
GEORGE TOWNSEND  
GEORGE F. WEIGEL  
ALBERT M. WENNER

## TAU SIGMA DELTA

DAVID A. ANDERSON  
HELMER BROCKHOFF  
ROBERT CERNY  
EINO A. JYRING  
AUSTIN LANGE

KENNETH LUNDBERG  
RUTH RICHARDSON  
JARL SEPPANEN  
GORDON A. WALL

## ETA KAPPA NU

NELSON E. ANDERSON  
FRED W. BAUMANN  
CLEDO BRUNETTI  
CARL W. CHRISTENSEN  
PAUL L. ERICKSON  
JOHN E. HANCOCK  
HENRY E. HARTIG  
ROBERT O. HAXBY  
LAURENCE E. HENDRICKSON  
ELMER W. JOHNSON  
ADOLPH J. KUPKA  
ROBERT J. KUTZLER

SAMUEL LEVY  
SCOTT E. LINSLEY  
ROBERT M. LOMMEN  
JOHN JAY MANGAN  
LADDY J. MARKUS  
RAYMOND E. MILNER  
ALBERT E. OLSON  
MILTON P. OLSON  
HAROLD A. SANDERSON  
WILLIAM G. SHEPHERD  
WALTER SPECHT  
JAMES STODDART

## PI TAU SIGMA

CLIFFORD O. ANDERSON  
JOHN M. APPERT  
ROMAN F. ARNOLDY  
NORMAN E. CARLSON  
FORTON A. CHRISTOFFER  
CLAYTON E. EBERT  
RUSSELL E. ERICKSON  
WALTER E. GARTNER  
GEORGE M. GRAETZ  
HENRY A. KANNIAINEN

ROY L. KING  
MORRIS C. KNIGHT  
DONALD E. LESLIE  
ALBERT E. LILJA  
NEIL J. McDONALD  
NORBERT MENGELKOCH  
GAYLE B. PRIESTER  
DONALD C. ROLLINS  
ROBERT B. WHERLAND

## CHI EPSILON

GORDON H. CARLSON  
HARRY CARLSON  
JOHN C. HUBBARD  
J. DONOVAN JACOBS  
JACK LENHART  
GEORGE E. LINDHJEM  
ERNEST MARGULAS

ROY OLTMAN  
ARTHUR SOLUM  
HAROLD J. SUNDSTROM  
HOWARD WAKEFIELD  
GEORGE F. WEIGEL  
JASON YAGGY

## GAMMA SIGMA DELTA

FREDERICK BENNETT  
VICTOR CHRISTGAU  
ELMER R. CLARK  
THOMAS P. COOPER  
A. ORVILLE DAHL  
NORRIS J. ELLINGSON  
LEO FENSKE  
ALEXANDER A. GRANOVSKY  
EARLE HANSON  
LEIGH HARDEN  
GRENFALL HARMS  
CLARENCE LARSON  
HAROLD LAWRENZ  
JOHN McMILLEN

HAROLD MATTSON  
WALFRID MATTSON  
WILLIAM G. MURRAY  
EUGENE NELSON  
M. J. OOSTHUIZEN  
MARK REGAN  
CLAYTON O. ROST  
HOWARD B. SOMMERFELD  
EDWIN STRAND  
ALBERT TOFTE  
ARTHUR TRUE  
ROY WAGNER  
GEORGE C. WALLIS

## OMICRON NU

CATHERINE BERNHEISEL  
FLORENCE BRUCE  
ELVERA CARLSON  
SOPHIE ERICKSON  
LYLA FLAGLER

DOROTHY MACLARY  
MARIE LINDBERG  
BETTY ROGOSHESKI  
MARY ALLEN STEERS  
ADELE WURDEMAN

## ORDER OF THE COIF

MORITZ J. BLOMQUIST  
ROGER CATHERWOOD  
NOEL C. FLEMING  
PHILIP GARTNER

MAURICE GROSSMAN  
ELVERO McMILLAN  
DONALD F. PRATT

## ALPHA OMEGA ALPHA

GEORGE SVERDRUP BERGH  
VERL G. BORLAND  
KENNETH D. DICKINSON  
CARL MILTON EKLUND  
S. SVERRE HOUKOM  
JOHN ELDON HYNES, JR.

JAMES ERNST LOFSTROM  
OWEN F. ROBBINS  
RUSSELL O. SATHER  
RICHARD E. SCAMMON  
HERBERT WILLIAM SCHMIDT  
ELMER SORENSEN

## OMICRON KAPPA UPSILON

GÖTHE B. AHLCRONA  
DEAN G. CAMPBELL  
LOWELL R. CARLSON  
HENRY E. COLBY

FRED W. GORHAM  
GUSTAVUS T. KRAUSE  
SHERWOOD R. STEADMAN  
EVAR F. WESSEL

## RHO CHI

HILARY JOZWICK

WILLIAM SCHAPIRO  
STANLEY SHIMA

## PHI LAMBDA UPSILON

JOHN S. ANDREWS  
CHARLES E. BARTSCH  
WEBSTER W. BENTON  
JOSE B. CALVA  
FRANK T. DONALDSON  
CHARLES L. FAUST  
MARVIN F. GOLDBERG  
KENNETH B. GOLDBLUM  
ARTHUR E. HEBBERD  
JOHN W. HOEKSTRA  
ROBERT N. JEFFREY  
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ISAAC M. KOLTHOFF  
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EINAR R. MICHALSON  
SIDNEY E. MILLER  
WILLIAM J. MITCHELL  
ROMUND MOLTZAU  
BENJAMIN MOSKOVITZ  
EUGENE NELSON  
RALPH E. PECK  
EDGAR L. PIRET  
MARSHALL F. RULEY  
GRANT W. SMITH  
FREDERICK T. WALL  
HENRY C. YUTZY

## IOTA SIGMA PI

MARION CHINN  
VILLA MAY ENBLUM  
ROSLYN GIRAUD  
RUTH HARRER  
MARIE LINDBERG  
LOUISA PLUMMER  
AGNES ROBINSON

ANITA G. SALLANS  
LOIS SELLERS  
SISTER GLENORE REIDNER  
SISTER LOYOLA  
MARY ALLEN STEERS  
MARION WARNER

## PI LAMBDA THETA

GENEVIEVE BOWEN  
FLORENCE E. BRUCE  
MADALINE BULLIS  
GLADYCE COSS  
ALICE MAE CHRISTIAN  
RUTH L. DAY  
CHARLOTTE DUNN  
MARY DAVIDSON FORBES  
ELIZABETH FORSETH  
ELIZABETH GRAYBEAL  
MERCEDES GUGISBERG  
GERTRUDE LOUISE HAWKINS  
RUTH CAMILLA HAYCOCK  
AUDREY ELVERA HOILUND  
GRACE MARIE HOLMES

ANITA HOULTSHAUSER  
KATHLEEN M. HYNES  
GLADYS KITTLESON  
HARRIET LAMSON  
LORETTA B. LEROUX  
DOROTHY MAY MACLARY  
NADINE MILLER  
MINERVA PEPINSKY  
FAY ROGERS  
HELEN E. SUNDBERG  
MARGARET TALLMADGE  
EVELYN THORESON  
DORIS TYRRELL  
KATHERINE WEST  
JOYCE WINBERG

## BETA GAMMA SIGMA

NORMAN C. DAVEY  
JOHN W. FORNEY  
IRVING C. JOHNSON  
POWELL F. KRUEGER  
HERMAN LASKEN

KENNETH M. MCGHEE  
WENDELL T. PECK  
RICHARD G. RAPP  
MARSHALL L. REMUND  
LESLIE C. SMITH

## GAMMA EPSILON PI

LUCILLE AITCHISON  
ANNE ARVIDSON  
LOIS DRUCK

SARAH GORDER  
MARGARET HARTLEY  
VIVIENNE NELSON

## DELTA PHI LAMBDA

ELIZABETH ATKINS  
MILDRED BOIE  
MARION S. BROWN  
ELSIE BUCHANAN  
DOROTHY CANFIELD  
MARY CULHANE

FREDA EBIN  
HELEN ELVEBACK  
ALICE FRASER  
ANNETTE FRIEDLANDER  
LILLIAN GUTHRIE  
MARGARET HARVEY



HARRIET INGERSOLL  
ALMA KJELLAND KERR  
ELIZABETH KERR  
MONICA KRAWCZYK  
JEANNETTE LATTA  
GENEVIEVE LORING

MARJORIE MYERS  
RUTH ANNE OLSEN  
MARGARET SCALLON  
SHERNA SHALETT  
CAROLINE WATERS  
DOROTHY WEST

### MU PHI EPSILON

HILDRED BROHAUGH

ADELAIDE LACY  
MARIAN MAURER

### DELTA SIGMA PSI

HELGA S. BJORNSON  
THOMAS V. KACHELMACHER

ALMA KJELLAND KERR  
LILLIAN MOEN

# FELLOWSHIPS AND SCHOLARSHIPS

## THE SHEVLIN FELLOWSHIPS

*Science, Literature, and the Arts*

MARY ELVEBACK

*Agriculture, Forestry, and Home Economics*

ROBERT GLEN

*Medicine*

ERLING JOSEF ORDAHL

*Chemistry*

DONALD L. FULLER

## THE CLASS OF 1890 FELLOWSHIP

JANE ARMSTRONG

## THE CALEB DORR GRADUATE RESEARCH FELLOWSHIPS

TENHO E. MAKI

EDWARD K. VAUGHAN

## THE DU PONT FELLOWSHIP IN CHEMISTRY

MARVIN A. SPIELMAN

## THE ALBERT HOWARD SCHOLARSHIP

CHARLES M. GATES

## THE CLARA UELAND FELLOWSHIP

DOROTHY M. HOUSTON

## COFFMAN FOUNDATION SCHOLARSHIP

WILBUR F. MURRA

THE MOSES MARSTON SCHOLARSHIP IN ENGLISH

RUTH ANNE OLSEN

DELTA SIGMA PSI SCHOLARSHIPS

HELGA S. BJORNSON

ALMA KJELLAND KERR

THE ALBERT MOORMAN MEMORIAL FELLOWSHIP  
IN ARCHITECTURE

LYELL G. HALVERSON

GORDON A. WALL

THE ALPHA ZETA SCHOLARSHIP

RALPH E. COMSTOCK

THE CALEB DORR SCHOLARSHIPS AND MEDALS

*Senior medals*

LEO J. FENSKE

VILLA MAY ENBLOM

*Junior scholarships*

THEODORE NIEHAUS

BETTY ROGOSHESKI

*Sophomore scholarships*

HENRY H. MAYO

ANNA C. LINDGREN

THE SAMUEL B. GREEN SCHOLARSHIP

ROY G. WAGNER

THE MINNESOTA STATE PHARMACEUTICAL  
ASSOCIATION SCHOLARSHIP

EDWARD BRECHT

## PRIZES

### THE FORENSIC MEDAL

LILLIAN GILLILLAND

LEE LOEVINGER  
LAWRENCE L. VANCE

### THE ALUMNI WEEKLY GOLD MEDAL

BURNELL S. KOOLISH

### THE AMERICAN INSTITUTE OF ARCHITECTS MEDAL

GORDON A. WALL

### THE SCARAB MEDAL IN ARCHITECTURE

KENNETH R. LUNDBERG

### SOUTHERN MINNESOTA MEDICAL ASSOCIATION MEDAL AND CASH PRIZE

HERBERT SCHMIDT

### THE LEHN AND FINK GOLD MEDAL

WILLIAM W. SCHAPIRO

### THE CONFERENCE MEDAL

EARL W. LOOSE

### THE JOHN S. PILLSBURY PRIZES

*First place*

LILLIAN GILLILLAND

*Second place*

LAWRENCE L. VANCE

*Third place*

SIMON MILLER

THE FRANK H. PEAVEY PRIZES

CHARLES EVANS

SAADIA GELB  
JEAN H. HAGSTRUM

ZETA ALPHA PSI PRIZES

*First prize*

LAWRENCE L. VANCE

*Second prize*

SAADIA GELB

KAPPA RHO AWARD

LOLA JONES

THE LAMBDA ALPHA PSI PRIZE

*First prize*

EDWARD L. MAYO

*Second prize*

ALICIA DRAGE

SIGMA DELTA CHI SCHOLARSHIP AWARDS

ARNOLD C. ASLAKSON  
MARGARET BIRCH

HAROLD A. ELFMANN  
WILLIAM T. HARRIS, JR.

THE MINNESOTA QUARTERLY AWARDS

*For prose*

*First prize*

HOWARD WANDREI

*Second prize*

MONICA KRAWCZYK

*For poetry*

*First prize*

LOUIS C. EVANS

*Second prize*

DONALD WANDREI

THE HELEN DWAN PRIZE

MINERVA PEPINSKY

SCHOOL OF ARCHITECTURE FACULTY PRIZES

*First prize*

GEORGE C. LINDQUIST

*Second prize*

JARL SEPPANEN

MAGNEY AND TUSLER PRIZES IN ARCHITECTURE

*First prize*

BERNARD KNOBLA

*Second prize*

BERNARD G. LAMPE

GARGOYLE CLUB PRIZES IN ARCHITECTURE

*First prize*

KENNETH R. LUNDBERG

*Second prize*

AUSTIN H. LANG

WILLIAM A. FRENCH PRIZES IN INTERIOR DECORATION

Awarded 1931

*First prize*

EVELYN RUSSELL

*Second prize*

ELIZABETH CARGILL

MINNESOTA CHAPTER, AMERICAN SOCIETY OF  
MECHANICAL ENGINEERS PRIZES

*First prize*

RUSSELL F. ERICKSON

*Second prize*

JOHN N. APPERT

*Third prize*

HIMAN RADOW

TAU BETA PI PRIZE

RICHARD S. OLSON

ETA KAPPA NU PRIZE

RALPH E. HAMMOND

THE PI TAU SIGMA PRIZE

EDWIN HARTZMAN

CHI EPSILON PRIZE IN CIVIL ENGINEERING

MILES S. KERSTEN

ALPHA KAPPA GAMMA PRIZE

MARGARET BOESEL

PHI LAMBDA UPSILON PRIZE

WILLIAM E. LUNDQUIST

ALPHA CHI SIGMA PRIZE

WILLIAM E. LUNDQUIST

CHEMISTRY FACULTY PRIZE

KENNETH C. JOHNSON

LOUISE M. POWELL PRIZES

GLADYS RINDE

GRACE WELCH

ROLLIN E. CUTTS PRIZE IN SURGERY

GEORGE S. BERGH

# University of Minnesota

SUMMER SESSION  
COMMENCEMENT EXERCISES  
1932



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



## ORDER OF EXERCISES

President LOTUS D. COFFMAN, Presiding

PROCESSIONAL—Le Prophete - - - - - *Meyerbeer*

SUMMER SESSION STUDENT ORCHESTRA

ABE PEPINSKY, Director

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—"Morality and the Present Crisis"

GEORGE F. ARPS, Ph.D.

Dean, College of Education, Ohio State University

MUSIC—Italian Symphony - - - - - *Mendelssohn*

Saltarello

SUMMER SESSION STUDENT 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 term of the Summer Session degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

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

#### BACHELORS OF ARTS

†*cum laude*

A. CARL MAURITZ AHLEN

JOSEPH S. FLORES

#### BACHELORS OF ARTS

ELEANOR HARRIET ANDERSEN

ROBERT WELLS KLINGEL

JOE BERGER

DOROTHYBELLE MCCREE

WILLIAM CHARLES BLETHEN

RAY MORGAN

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.

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

ALEXANDER BAYOFF

RALPH E. BLYBERG

KENNETH E. BENSON

ROGER BRYAND HOOPER

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

## BACHELORS OF ELECTRICAL ENGINEERING

KARL HENRY BRUSCKE  
STEVE GADLER  
CLIFFORD J. HAUGE

ROBERT MAURICE LOMMEN  
SCOTT J. McDERMOTT  
ROBERT LYLE WESTBEE

## THE SCHOOL OF CHEMISTRY

### BACHELORS OF CHEMICAL ENGINEERING

AMBROSE LEON HOFFMAN  
CHARLES KENNETH KNOX

CECIL CLIFFORD MARCH  
GEORGE MICHAELSON  
WILLIAM RUSSELL PASICH

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

### BACHELORS OF SCIENCE

*(Course in Agriculture)*

CLYDE FRANKLIN BAUMHOFER

DANIEL ELLSWORTH BRADY

### BACHELOR OF SCIENCE

*(Course in Forestry)*

HERMAN FRANKLIN OLSON

### BACHELORS OF SCIENCE

*(Course in Home Economics)*

ELIZABETH HONORE CASHMAN  
DOROTHY SUTTON DOW  
MARY BETTY ELDER

THEON ESTELLE HALVERSON  
MIRIAM E. MULLINS  
VIRGINIA JAMISON PETERS

## 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
EDITH M. FOLLANSBEE	HELEN URQUHART
NORA F. HANSEN	BEULAH H. WALLAR
KENNETH LLEWELLYN JULSON	ROSE BEARTICE WEIDNER

BACHELORS OF SCIENCE

LINAIRE CLARISSA ALEXANDER	RUTH ESTHER FREEHAUF
BESS OPAL ALLEN	THOMAS RUDOLPH GILSDORF
O. HENRY ANDERSON	FRANK J. GOODRICH
THELMA ANDERSON	ELISABETH B. GOVE
FLORENCE ROSALIN BECK	ANNA HELEN GUTHORSMEN
RICHARD LOUIS BENESH	MABEL HAMMOND
MARGERY FRANCES BERENS	EVA ELIZABETH HAVELA
AGNES O. BERGLAND	ANNA VICTORIA HAWKINSON
CHESTER A. BISEL	WILLIAM DEMING HEDBACK
LILLIE A. BLAIR	LOUISE HILDER
SIGURD STEWART BOCKMAN	RACHEL I. HORNING
DOROTHY E. BOWENS	CORLIS JAMES HUNTLEY
HAZEL B. BROWN	MARY LILLIAN HURLEY
FLORENCE CATHERINE BUBOLTZ	ELVERA DOROTHEA INGEBRIGTSON
DOROTHY ELMARA BURLINGAME	MARGARET ARLINE JACKSON
MYRTLE SHERMAN BUZZELLE	ELIZABETH MARION JAMES
HAROLD E. CLOUTIER	GEORGE W. JANKE
MARGARET E. COLLINS	FORREST H. JONES
JAMES VINCENT A. COLOSIMO	GEORGE A. KAKELA
CHARLES RUSSELL COOK	MARGARET S. KEIZER
AUGUSTA ALVIDA DAUM	ELIZABETH ISLER KITTS
LUCY ADAMS DONLIN	MARJORIE RUTH KNIGHT
HERBERT PAUL DUBKE	RALPH H. KNOWLES
FLORENCE PHILORA ELVIN	ELEANOR S. KRAVIG
FLORENCE ELIZABETH ESSEN	ALBIN GEORGE KREZOWSKI
ELIZABETH KOENIG FORSCHNER	EVELYN ELAINE KRON

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

FLORENCE ELLA LEITZ  
SELMA S. LINDBERG  
LUELLE BELLE MCGOVERN  
MERYLE M. MILLER  
ELIZABETH MARY NEWTON  
DOROTHY WALLACE OWENS  
MARGARET E. OWENS  
GUNTILD PAULSON  
ERNA PETREA PETERSEN  
CARL ELMER PETERSON  
ALBERT KENNETH PHILSTROM  
BESSIE ANN RAY  
ILENE S. ROOT  
RUTH M. ROSENBERGER  
RICHARD JOHN SABIN  
BERGIT SAMUELSON  
PERRY JAMES SANDELL

JOSEPH N. SCHLOESSER, B.A.  
LEILA HARRIET SCONBERG  
G. J. SEDLACEK  
CHARLES W. SELDEN  
CLARA E. SIMON  
KATHERINE AGNES SLINEY  
OLIVE K. SPRESTER  
CLINTON WHEELER SYMONDS  
RUTH E. TEMPLIN  
EDWIN J. THOMA  
AGNES HILL WILSON, B.A.  
WINIFRED WOLTMAN  
ALMA H. WRETTLING  
SYBIL M. YATES  
ANNE ZAKULA  
HORACE G. ZIMMERMAN

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

**BACHELORS OF SCIENCE**

*(Course in Home Economics)*

ELVERA MILDRED CARLSON  
ANNA C. ERIKSON  
MARGARET LOUISE HARTMANN  
ANNE PEARSON  
RUBY EDVINA RANDOLPH

MILDRED STENSWICK  
ALMA CHARLOTTE SWENSON  
FRANCES VAN VOORHIS  
RUTH M. WOOLERY

**THE SCHOOL OF BUSINESS ADMINISTRATION**

**BACHELORS OF BUSINESS ADMINISTRATION**

KERMIT BIERKAMP  
FRED JAMES COOK  
STANFORD DONALD LOHMANN  
JOHN J. MACKAY, 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\***

JOHN RALPH GRIEBLER

SHERWOOD REED STEADMAN, B.S.

\* Degrees to be conferred as of June 6, 1932.

**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, Triaenophorus Tapeworms of  
Fishes

FRANCIS ELMER BENZ

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

MARJORY WHITNEY BAILEY

B.A. '30, Ohio Wesleyan University  
Major, Child Welfare  
Minor, Psychology  
Thesis, A Scale of Block Construc-  
tions for Young Children

MAURINE BOIE

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

MILRRED CECELIA BAKKE

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

MARY MEDA BURKE

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

BETTY BAUER

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

CLARENCE JOHANNES CARLSEN

B.A. '15, Augsburg College  
Major, History  
Minor, Philosophy  
Thesis, Elling Eielsen, Pioneer Lay-  
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

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

ELISE HART GREEN  
B.A. '31, McGill University  
Major, Child Welfare  
Minor, Psychology  
Thesis, Friendships and Quarrels among Preschool Children

WILTON BERNARD GUNDLACH  
B.A. '22, Macalester College  
Major, Educational Administration  
Minor, Educational Psychology  
Thesis, Ability of High School Pupils in Common Fractions

MARION ETHEL HAIGH  
B.A. '21, Macalester College  
Major, English  
Minor, Comparative Literature  
Thesis, The Romantic Tendencies in the Works of Joseph Addison

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



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.

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

SIGFRED LEONARD LUNDHOLM

B.A. '17, Gustavus Adolphus  
Major, Education  
Minor, Educational Psychology  
Thesis, Banking in the School Cur-  
riculum

MARY SOPHIA MEIGHEN

B.S. '30, University of Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, An Informational Unit on  
Barter and Primitive Money

SOPHIA MIRVISS

B.A. '31, University of Minnesota  
Major, Psychology  
Minor, Zoology  
Thesis, The Relation of Blood Sugar  
Level to Spontaneous Activity in  
Rats

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

DEFORREST AÜBERG OLSON

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

MARJORIE LOU PAGE

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

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

FRANCIS GORDON SCHOFF

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

EDITH PENNELL TAYLOR

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

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

MARVEL GRACE WOOLDRIK

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

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 College; Correlation of Strength, Body Build, Weight, and Intellectual and Athletic Achievement

GUSTAF MAGNUS CARLSON

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

BERTHA BOWMAN PETERSON

B.S. '26, University of Manitoba  
Major, Home Economics  
Minor, Sociology  
Thesis, A Survey of Home Economics in Schools for the Deaf; and of the Marital and Occupational Status of Their Alumnae, with a View to Curricula Development

YU-JEN LIAO

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

## 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 Col-  
lege  
Major, Civil Engineering (Struc-  
tural)  
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

B.M.E. '21, Ohio State University  
Major, Mechanical Engineering  
Minor, Mathematics  
Thesis, Performance Tests of a  
Steam-Generating Unit Using Nat-  
ural Gas as Fuel

WILLIAM WELDIN MARTENIS

B.M.E. '30, University of Minnesota  
Major, Mechanical Engineering  
Minor, Mathematics and Mechanics  
Thesis, The Relative Merits of In-  
dustrial Floorings

## MASTERS OF SCIENCE

### *In Radiology*

FRED HENRY DECKER

B.A. '21, Hope College  
M.D. '27, Rush Medical College  
Major, Radiology  
Minor, Pathology  
Thesis, Leukopenia and Leukocytosis  
in Lymphoblastoma; Their Reaction to Roentgen Therapy

MILO TRUMAN HARRIS

M.D. '28, University of Texas  
Major, Radiology  
Minor, Pathology  
Thesis, The Spectrophotometric Analysis of the Color of the Skin Following Irradiation by Roentgen Rays

## 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

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

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

CHARLES EDWIN MANGELS

B.S. '14, M.A. '16, University of  
Missouri  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry and Phys-  
ical Chemistry  
Thesis, Physico-Chemical Studies on  
Wheat Starches  
Major Adviser, Professor C. H.  
Bailey

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.  
Arny and H. K. Hayes

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. in Pa-  
thology '29, University of Minne-  
sota  
Major, Surgery  
Minor, Pathology  
Thesis, The Physiology of the Colon:  
An Experimental Study  
Major Adviser, Dr. F. C. Mann

# University of Minnesota

COMMENCEMENT CONVOCATION  
FALL QUARTER  
1932



NORTHROP MEMORIAL AUDITORIUM  
Thursday, December 22, 1932, Eleven-Fifteen O'Clock

# PROGRAM

PRESIDENT LOTUS D. COFFMAN, Presiding

PROCESSIONAL—"Song of the Marching Men" - *Henry Hadley*

THE UNIVERSITY CONCERT BAND  
GERALD R. PRESCOTT, Conductor

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

THOMAS FRANKLIN KANE, Ph.D., LL.D.  
President of the University of North Dakota

MUSIC—"Ruy Blas" Overture - - - - *Mendelssohn*

THE UNIVERSITY CONCERT BAND

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—"Royal Decree" March - - *W. P. English*  
THE UNIVERSITY CONCERT BAND

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SMOKING

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

## THE MEDICAL SCHOOL

### GRADUATES IN NURSING\*

ELIZABETH RACHEL ADDISON	ADELINE KLEIN
ELIZABETH EVELYN ALBERTS	DOROTHY ELIZABETH PRICE
NORMA LUELLE 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*

EDMUND BORYS	EARL W. LOOSE
	WINIFRED E. POPPE

### BACHELORS OF ARTS

WILLIAM McMILLAN BAKER	BEULAH KATHERINE JOHNSON
ROGER BARRETT	JAMES B. KAMINSKI
THEODORE JOHN CATLIN	JEANNE MARY KIEKENAPP
ROGER JOHN OWEN CUMMING	JEANNETTE LATTI
BERNICE DAHLIN	BETTY WILLIAMS LEMASTER
MILFORD WEST DOWNIE	MARION RAYMOND McCRARY
ARTHUR C. EKORN	EVERETT ALLEN OLSON
SUSAN THOMPSON EVANS	EMIL F. REDMAN
CHARLES G. HAYDEN	LEONARD WILLIAM SWANBECK

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to March 23, 1933.

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

BACHELORS OF SCIENCE

ELIZABETH J. DOOLEY

RACHEL B. ROTHNEM, B.A.

THE COLLEGE OF ENGINEERING AND ARCHITECTURE

BACHELOR OF AERONAUTICAL ENGINEERING

HAROLD V. ANDERSON

BACHELOR OF AGRICULTURAL ENGINEERING

ARNO R. SCHWANTES

BACHELORS OF CIVIL ENGINEERING

ROBERT GEVING ANDERSON

LAURENCE HENRY HALLIN

ALEXANDER BAYOFF

CARL ANDREW MAREKANEN

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

BACHELORS OF SCIENCE

*(Course in Agriculture)*

NELS P. HANSON

JOSEPH JOHN MAYAN

ERNEST A. PALMER

*(Course in Forestry)*

ROAN CARL ANDERSON

CHARLES J. LAZZARO

EDWIN JACOB BENDER

ORLO E. SOLAND

ARTHUR GEORGE HORN

WALTER MORRISON ZILLGITT

*(Course in Home Economics)*

ERMA W. BOEHME

ALMA LEIDER RICHARDSON

HOPE EDITH HOSMER

LILLIAN B. TIMBERLAKE

LILA RUTH OWENS

CATHERINE HELEN TWEEDDALE

MARGARET L. PRINDLE

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

REUBEN DONALD CHIER

WYMAN JOHN ROBERTS

GEORGE WILLIAM CLIFFORD

FRANCIS IRVIN SABO

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

RAYMOND THOMAS SHIMA

ROBERT T. GAMMELL

SISTER MARIA THEODOSIA LAUFER

JOHN ALTON GILLEN, B.A.

HARVE A. STANCHFIELD

PHILIP GORDON

KENNETH EDWARD STEIN

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

GUDRUN BENSON  
AGNES JEAN KEAN

JENNIE HENRIETTE SCHEIE  
EDITH MARGARET SULLIVAN  
BLANCHE WAGNER

## BACHELORS OF SCIENCE

LINAIRE CLARISSA ALEXANDER  
BESS OPAL ALLEN  
HARRIET BAKER  
JAMES W. CROSSETT  
NELVA M. DEGROODT  
GRACE M. DOUGHERTY  
HELEN I. ERICKSON  
LENNART HENNING ERICKSON  
LOLA AGNES FAY  
ELIZABETH K. FORSCHNER  
ANNETTE CEIL GILLESPIE  
GRACE MARIE GRAHAM  
GUIDA JEAN GREEN  
DAGMAR MARIE HEDIN  
MARGARET HEFFRON  
SADIE G. HIGGINS  
TOBY G. KAPLAN  
MARGARET S. KEIZER  
RALPH H. KNOWLES  
ELEANOR S. KRAVIC  
GLADYS EDNA MARTINSON

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  
GENEVIEVE ESTHER RUE  
ELVA RUTLEDGE  
ANNA ALINE RYDOSZ  
LEILA HARRIET SCONBERG  
G. J. SEDLACEK  
BARBARA ANNA THOMPSON, G.N.  
AGNES ESTELLE VOLLBRECHT  
MILDRED MATHILDA WELANDER  
MARGARET BYRAM WHITE  
MARIE ADELINE WOODERS  
ALMA H. WRETLING  
ESTHER LILLIAN ZUELCH

# 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

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

## BACHELORS OF SCIENCE

*(Course in Agriculture)*

ENOCK EMMANUEL BJUGE

*(Course in Home Economics)*

VERA MARGUERITE BUTTON

STELLA BLANCHE KAUL

THERESA E. JOHNSON

ALICE ESTELLE MOLLENHOFF

ALMA CHARLOTTE SWENSON

## THE SCHOOL OF BUSINESS ADMINISTRATION

### BACHELORS OF BUSINESS ADMINISTRATION

MAYNARD ARTHUR ALSAKER

THOMAS SCOTT McCART

EVERETT F. BACH

DONALD FRANCIS McCONNON

JOSE PULIDO CARPIO

GORDON McRAE

KENNETH LAMBERT DRYG

CARMINE LIONEL MOREEN

\*DONALD C. EIDE

HAROLD RUNNIE NESS

ROBERT EUGENE EVANS

ROBERT HUMPHREY REED

ELIZABETH LILLIAN GOTTLIEB

MABEL GREGORY REEVES

ROMOLA GRISWOLD

MARSHALL LEOPOLD REMUND

HAROLD H. HUTCHINGS

MILLARD O. SOLEM

MAURICE GEORGE IDELKOPE

HERMOD STRANDSKOV

HARRY NATHAN LANGFUS

WOODROW ALBERT WILSON

BURTON A. LARSON

JOHN LAWRENCE YOERG

## UNIVERSITY COLLEGE

### BACHELOR OF ARTS

*†cum laude*

JAMES ZECK

### BACHELOR OF ARTS

IONE JUNE SOBOTKA

## BACHELORS OF SCIENCE

FRANCIS XAVIER KERR

WILBUR O. PALM

## THE COLLEGE OF DENTISTRY

### DOCTORS OF DENTAL SURGERY

JAMES FRANCIS CONLON

ROBERT MALCOLM FARRISH

PAUL Q. EDGREN

JOHN ADDISON HOWLAND

\* Degree to be conferred as of June 6, 1932.

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

FREDRICK C. LIPPMANN  
CLEMENT THOMAS NICKOLAY  
LEONARD JENNINGS PETERSON

PETER BERNARD POLLOCK  
JACK ROSEVE  
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

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

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

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

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

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

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

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 Industrial  
Teachers

FRED KENNETH PICH

B.S. '31, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, The Practices of Life Insurance  
Companies in Farm Mortgage  
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 Positions  
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

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ROBERT T. GAMMELL	SIMEON A. MULLEN, B.S.
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WILLIAM THEODORE GREENFIELD, B.S.	CARL J. POTTHOFF, B.S.
BURTON PIPER GRIMES, B.A.	WYMAN JOHN ROBERTS
C. GUSTAV HANSON, B.S.	FRANCIS IRVIN SABO
ALBERT THEODORE HAYS	RAYMOND THOMAS SHIMA
ROBERT HEBBEL	WILLIAM CHAUNCEY SIEGMANN, B.S.
CAROLINE ELIZABETH HELMICK, B.A.	HARVE A. STANCHFIELD
HENRY E. HOFFERT, B.A.	KENNETH EDWARD STEIN
ROBERT RICHARD KIERLAND	THEODORE WILLIAM STRANSKY
CARL WILLIAM KRAUSE, B.A.	CHARLES GORDON UHLEY, B.A.
NOLTON SENARD LIEBERMAN, B.S.	ULFERT RAY ULFERTS, B.S.
CARL JOHN THEODORE LUND, B.A.	LLOYD ASHLEY WHITESSELL
KENNETH P. MALVEY, B.A.	CARL GUSTAVE WINGQUIST
LEONARD JEROME MONSON, B.A.	HYMAN JOSEPH WOLKOFF, B.A.
	MARJORIE WULFF, B.S.

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

‡ Degree conferred post obitum.

§ Degree conferred as of December 18, 1930.

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 Institu-  
tions Approved for Teacher Train-  
ing by the Federal Board for Vo-  
cational 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 Advan-  
tages and Disadvantages of Minne-  
sota Agriculture in World Compe-  
tition

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 Intelli-  
gence

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 Acti-  
vated Silica Gel and Coconut Char-  
coal

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