The University of Minnesota

FORTY-SEVENTH
ANNUAL COMMENCEMENT
1919

THE UNIVERSITY ARMORY
THURSDAY, JUNE NINETEENTH, AT TEN O'CLOCK
ORDER OF EXERCISES

MARCH—"Triumphant March"
Verdi
SYMPHONY ORCHESTRA
KARL SCHEURER, Director

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.

INVOCATION

JOHN CORRIN HUTCHINSON, B.A.,
Professor of Greek Emeritus of the University of Minnesota

COMMENCEMENT ADDRESS—"The World-Wide Unrest"

CYRUS NORTHROP, LL.D.,
President Emeritus of the University of Minnesota

LARGHETTO—From Second Symphony
Beethoven
SYMPHONY ORCHESTRA

CONFERRING OF DEGREES

President MARION LEROY BURTON, D.D., Ph.D., LL.D.

ANNOUNCEMENT OF HONORS AND PRIZES

AWARDING OF DISTINGUISHED SERVICE MEDAL

To Colonel WILLIAM JAMES MAYO, M.D., Sc.D., LL.D., F.R.C.S.,
Regent of the University
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.

The audience will remain in their places until those in academic costume have left the hall.
CANDIDATES FOR GRADUATION

THE COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

BACHELORS OF ARTS

Edna Honoria Akre
Doris Jessamine Allen
Ruth Elsie Anderson
Eva Louise Andrews
Harriet Katherine Apel
Louise Arosin
Elizabeth Ruth Bahlly
Winifred Isabel Bailey
Frances Hall Baird
Lorna Beers
Margaret Genevieve Beggin
Ruth Evelyn Berg
Margaret Alavoisa Blanchard
Mary Thacher Blanchard
Roland Blanchard
Alma Gladys Bohme
Agnes Helen Bolin
Clara Brees
Ada Brown
Bernice Brown
Elizabeth Gates Brown
Frances Leone Buechler
Muriel Pierce Burdick
Genevieve Burrell
Anna Mary Buss
Grace Margaret Challman
Mabel Virginia Coffee
Edith Cohen
Ellen Nelson Colleran
Florence Margaret Condon
Dorothy Cousins
Alexander Robertson Cowie*
Mildred Jane Crawford
Florence Dale
Dorothy Darling
Benedict Spinoza Deinard*
Lelia Louise Delaplane
Palma Elizabeth Deringer
Lucy Elizabeth Dillon

Mae Donaldson
Isabel Downing
Annabel Drenckhahn
Margaret Drum
Paul Henry Dunnavan*
Fred Emmanuel Eastburg
Doris Edwards
Irma Lucile Egan
Lurain Eichten
Edith Empy
Agnes Erickson
Ethel Erickson
Helen Irene Evans
Meredith Evans
Ruth Adelaide Evenson
Esther Farnham
Naomi Field
Ruth Severence Field
Bertha Fineman
Kathleen Frazee
Gertrude Virginia Freeman
Gudrun Gabrielson
Alice Louise Gall
Grace Caroline Garland
Alice Glenesk
Ellen Marguerite Goodrich
Robert Gladding Green
Grace Lillian Gunlaugsen
Anita Louise Hampe
Carrie Hansen
Hazel Andre Hansen
Gilbert Erskine Harris*
Marion Elizabeth Harris
Mildred Hartsough
Katherine Hartzell
Ludwig John Hauser*
Agnes Victoria Hedberg
Bessie Heimark
Esther Helgeson

* Credit granted for war service.
ESTHER HEMKE
ESTHER HENDRICKSON
ANITA ALICE HERBERT
JOHN EDGAR HOFF
LILLIAN HOFF
NEWTON EDWIN HOLLAND
GLADYS MARION HOLT
MURLEN FRANCES HOLTON
ELSA OTTILIA HORN
CAROLINE KATHRYN HORSCH
CORA EMILY HOUGHTON
LOIS NEDA HONEY
MARY ANDERSON HUNTER
MARGARET HURLY
DOROTHY IRISH
ESTHER NANCY JENSEN
MARGARET ADELAIDE JOHNS
FLORENCE ELIZABETH JOHNSON
MARGARET LOUISE JOHNSON
SARA JANE KAUFMAN
AGNES MARY KEENE
MARGARET ELIZABETH KENDALL
ANNAS KENKEL
LYDIA KLEFFMAN
ERNA REGINA KNOCKE
ROY FRED KORFHAGE
ERMA MAY KRANK
LUCILE MARIE KRAZ
FRANK KREY
ELSIA ELIZABETH KRUSE
ELIZABETH LAGAARD
MONICA LANGTRY
ARTHUR GORDON LIDDICOAT
CARL JOHN LIND
MARIE ROSETTE LOBDELL
DORIS DOWNING LOHFF
MadelinE StephensON LONG
MARIE LOUISE LOW
IRWIN LUDOLPH
ELIZABETH LYNKEY
GRACE LORRAINE MCCLURE
MARY LAURENTINE McSHANE
FRANCES MARION McKECHNIE
ANN LENNOX MACPHAIL
WINIFRED HELEN MACKAY
CLARENCE RETZ MARSHALL
NORINE MARTIN
MARIE DOROTHEA MARTINEZ
CAROLINE MARIE MAUREK
LAURA HARTE MENK

DOROTHY SHREVE MERRILL
PRUDENCE MERRIMAN
YUN TAI MIAO
GLADYS GENEVIEVE MILLER
ELLA MARTHA MOELLER
ADA CORINNE MORELAND
TERESA AURELIA MORRISON
FRANCES JULIA MOYNAHAN
KATHERINE MURPHY
GENEVIEVE ELAINE MYERS
HOWARD EDWARD NELSON
NINA VIOLA NELSON
RUTH NELSON
DIXIE NICKELL
PAUL EMERITZ NORMAN
KATHLEEN FRANCES O'BRIEN
CHARLES ELMER OLSON
ESTHER EVANGELINE OLSON
ROGER OSCARSON
IRENE PATRICK
ADOLPH PAULSON
ROSE MARY PECOR
LUella GENEVIEVE PESEK
ELSIE PETERS
ALICE MARIA PETERSON
MILDRED IRENE PETERSON
RALPH ARTHUR PETERSON
MARION FRANCES PICKARD
GLADYS EUGENIA POEHLER
CLAIRA RAITCH
ELSIE WILLIMINA REETZ
ANNETTE MARIE REYNAUD
NONA CARYL REYNAUD
ELEANOR ROBINSON
AGNES KATHERINE ROONEY
COORD FREDERICK ROOSEN
CLAIRA BELL RUSSELL
DOROTHY MARGUERITE RYAN
GLADYS MARY RYAN
FLORENCE MYRTLE SANDERS
RUBY SANDERSON
MARGARET RUTH SCALLY
EARL ORIOl GREGOR SCHMITT
HELEN SCHMITT
MARGARET ELIZABETH SCHMITT
BEATRICE SCHOW
EMILY SCHULTE
OTTILIE SCHURR
DOROTHY ELIZABETH SHARP
BLANCHE CATHERINE SMITH

* Credit granted for war service.
Eunice Marcia Smith
Marion Sogard
Edna Lois Sontag
Rosalia Sook
 Ebba Juliana Trandberg Sorensen
Meta Marie Sorensen
Gretchen Steinhauser
HeLEN Stock
Russell Losey Strang*
Dorothy Bassett Strong
Marie Inez Sundheim
HeLEN Tawney
Mildred Hillevi Thelin
Agnes Mary Tomczak
HeLEN Toomey
Mary Agnes Tracy
HeLEN Hill Turner
Eva Eunice Vallentyne

Anna Marie van der Hagen
Marie van der Hagen
Esther Vig
Yuanita Dorothy von Bohland
Owen Harding Wangensteen
Ruth Rebecca Warren
Marian Helen Wash
Marsha Elizabeth Watson
Grace Evelyn Wheeler
Lydia Salome Wik
Lorna Jane Wilson
William Hart Wilson*
Claire Margaret Winzenburg
Katherine Wise
Alma Bertha Wolean
Adelaide Woolsey
Helen Elizabeth Zanger
Lucile Edith Ziegelmaier

BACHELORS OF ARTS

In Music

Signe Adolfson
Isabel Avery
Dorothy Chapman
Edith Cotton
HeLEN Covart
Viola Gangestad
Maybelle Greenberg
Agnes Hanson
Dorothy Meder

Nellie Robbins
Gladys Rosenberg
Ruth Ross
Cora Sather
Gertrude Schaller
Jeannette Smith
Ragni Sondergaard
Angeline Webber
Leona Will

BACHELORS OF SCIENCE

Lucius Franklin Badger, B.A.
Alfred Nicholas BesseSEN, Jr.
Daniel Holland BesseSEN
Joseph Frederick Bicek
Henry Harold Blaustone
Paul Gerhard Boman, B.A.
Harold Samuel Boquist, B.A.
Alexander Edward Brown
Clarence William Brunkow, B.A.
William Cantwell
Asa Glenn Churchill
Earl Roy Crow
Raymond Martin Eppard
Walter Henry Fink
Allen Richard Foss
Verne Smith Gearey

Adolph Edward Gourdeau
Emil Daniel Hauser
Louis Arthur Hauser, B.A.
Victor Paul Hauser, B.A.
Joel Carl Hultkrans
David Hjalmar Johnson, B.S., M.S.
George Marius Landrock, B.A.
LeRoy James Larson
John Leonard Lee
Ewing Cleveland McBeath, D.D.S.
Benjamin Martin
Charles Earl Merkert
Theodore Muller
Louis Julius Pankow
Erling Platou
Edward Alexis Regnier

* Credit granted for war service.
THE COLLEGE OF ENGINEERING AND ARCHITECTURE

MECHANICAL ENGINEERS

Edward Ignatius Anderson, B.S. in Eng.*

BACHELORS OF SCIENCE

In Engineering

Arthur Baker
Hieram Kenneth Briggs
Raymond Joseph Bros
Edgar William Christensen
Edward Harold Coe
Richard Alexander Cosh
Ernest Harold Cotton
Archie Joseph Dowd
John Freeman Drinkall
George Robertson Duncan
Harry Cass Elliott
Rudolph Tilden Elstad
Ross Milton Foltz
David Grimes
Walter King Hartman
Edward Maxwell Hartzberg
Henry Irwin Hawlik
Robert Heinemann
Frank William Jordan
Harvey Ernest Kapphahn

Frederick Klass
Herbert Andrew Kroze
Harold Severin Langland
Oscar Clarence Lee
Carroll Eugene Lewis
Eugene Lilly*
Donald Eddy Marshall
George Nickol Moffat
Gustaf Adolph Nelson
Richard Hall Olson
William Joseph Pavek
Albert Edward Peterson
Arthur Perry Peterson
Alfred Carl Petrich
Joe Willard Pierson
Charles Hubert Reeve*
Oscar Leonard Rosenthal
Theodore Sander, Jr.
Edwin Walter Swanson
Arthur Howard Williams

Milton Sidney Wunderlich

BACHELORS OF SCIENCE

In Architecture

Edgar Walter Buenger
George Brookes Deane
David Joseph Deneen
George Chase Emery

George Fraser
Jefferson Merritt Hamilton
Ralph Warner Hammett
John Saul Schwartz

Stewart Vern Wright

*Credit granted for war service.
THE COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

BACHELORS OF SCIENCE

Course in Agriculture

FRANK HARSHMAN BROWN
EVERETT ALLEN COE
HAROLD GLENN DAVIS*
FORDYCE ELY
PAUL AUGUSTINE FLINN
EDWIN ALBERT HANSON
GEORGE HERBERT HARDISTY*
HARRY HOWARD HILL*
MILTON EARLE HILLIARD

LOUIS SYLVESTER KELEHAN
MARCELLUS WILLIAM KNOBLAUCH*
EPHRAIM JOHN KÖNEKMAN
ANDREW ANTHONY KOSZITZA
GUY THOMAS PRESTON*
BENJAMIN IVES SCOTT*
FREDERIC ACKLEY TRIPP
WARREN CLELAND WAITE*
MILLARD CLARENCE WESTGATE*

CLINTON GRAHAM WORSHAM

BACHELOR OF SCIENCE

Course in Forestry

ROMAYNE LYON BACKUS

BACHELORS OF SCIENCE

Course in Home Economics

EDNA PHYLLIS AMIDON
JENNIE MARIE ANDERSON
MABEL ALPHILDE ANDERSON
LUCY ROBERTA ASHENDEN
JOHANNA BAUMBERGER
ELNA VIOLET BOSS
MABEL OTELIA BRUNSTAD
MIRIAM GENEVIEVE CLOSE
CLAIRA MAR DUNLOP
FRANCES DUNNING
MARION UPHAM EUSTIS
BERNICE FULLERTON
CHRISTINA GAUMITZ
RUTH JULIETTE GILBERTSON
SADIE LIELLA GRIMM
DIKKA HILLESTAD
ETHEL SABENA KADELC
HELEN ALMA LATHROP
Hazel Jorgine Lauritzen
LILY ANNE LENHART
THERESA ANN LUCIUS

MARION SCOTT MCCALL
AGNES MCCARTHY
LAURA ALICE MCKAY
SARAH DOROTHY MUNSON
DOROTHY MAY NEWTON
MARGARET MARY ALICE JANE NOLAN
MARTHA MIRIAM NORSENN
MYRITL DORINDA PAULSON
LILLIAN POPPITZ
BLANCHE SERSSEN
FERN MARIE SEWELL
ELIZABETH SPIETERSBACH
LILLIAN BEATRICE STENSEN
MARIAN MARGARET STEWART
ANNA REBECCA THOMPSON
LAURA AMELIA TIMME
HARRIET ELIZABETH TODD
AUREL ADDIE WARNER
AMY MABEL WESSEL
FLORA DELL WILLIAMS
BESSIE CAROLINE WILLIS

* Credit granted for war service.
THE LAW SCHOOL

BACHELORS OF LAWS

Lucas Montrose Bacon
Harry Jacob Bikson
Edward Brunsdale
Gerald Thomas Carroll
Herbert Drews
Howard Oliver Dykman, B.A.

Irving Mitchell Frisch, B.A.
Ivan Oscar Hansen, B.A., M.A.
Gilbert Erskine Harris
Arthur Wilson McMillan, B.A.
Hugh Garfield Parker
Paul Reyerson, B.A.

THE MEDICAL SCHOOL

DOCTORS OF MEDICINE

Hilding Cornelius Anderson, B.S., M.B.
Walter Stephen Broker, B.S., M.B.
Herbert Henry Charles Buscher, B.S., M.B.
Leroy Adelbert Calkins, B.S., M.B.
Wyman Charles Cole, B.S., M.B.
Solomon Fineman, B.S., M.B.
Ruben Columbus Fjellman, B.S., M.B.
Silas Walmartar Giere, B.S.
Stillman John Hathaway, B.S., M.B.
Arthur David Hawkins, B.S., M.B.
Edgar Thomas Herrmann, B.S., M.B.
Hillard Herman Holm, B.S., M.B.
Arnold Larson, B.S., M.B.
Charles Louis Lick, B.S., M.B.
Roy Casper Little, B.S.
Rudolph Charles Otto Logefeil, B.S., M.B.
Theodore Christian Lund, B.S.
George Elmer McGearry, B.S., M.B.
John Charnley McKinley, B.S., M.B.
Frank Beattie Morrissey, B.S., M.B.
John Mulder, B.S., M.B.
Morris Nathanson, B.S., M.B.
Edgar Hughes Norris, B.S., M.A.
Nellie Cecilia Elaine Pederson, B.S., M.B.
John Nelson Perkins, B.S., M.B.
William Thomas Peyton, B.S., M.B.
Frieda Jeannette Radusch, B.A., B.S., M.B.
Christian Larson Roholt, B.S., M.B.
Lloyd Howard Rutledge, B.A., M.A., M.B.
Virgil Joseph Schwartz, B.S., M.B.
William Raymond Shannon, B.S., M.S.
Edward Phelan Slater, B.S., M.B.†
Chester Arthur Stewart, B.A., M.A., Ph.D.‡
John Henry Wallinga, B.S., M.B.
Samuel Arthur Weisman, Ph.B., B.S., M.B.
Laurits Ylvisaker, B.A., M.B.

BACHELORS OF MEDICINE

Frederick William Behmler, B.S.
Martin Berghelm, B.A., B.S.
Earl Jeffrey Thorne Bratruде
James Bain Carey, B.S.
William Greene Crandall, B.S.
Rudolf Lennard Crook, B.S.
Donald Herbert Daniel, B.S.
Irl Davis, B.S.
Wendell Downing, B.A.

Frederick Henry Carl Dubbe, B.S.
Claude Joseph Ehrenberg, B.S.
Swan Ericson, B.S.
Herman Albert Fassender, B.S.
Aloys Thomas Haas, B.S.
Manley Hewitt Haynes, B.S.
Frank Gustav Hedenstrom, B.S.
Julius Heimark, B.A.
Siegfried Frederick Herrmann, B.S.‡

† Died October 5, 1918. Degree of Doctor of Medicine granted post obitum.
‡ Honorable mention is made of this candidate for his thesis involving original investigation.
Robert Joseph Hodapp
Charles Hymes, B.S.
Arthur Charles Johnson, B.S.
Hugh Toland Jones, B.A., B.S.
Benjamin Karpfman, B.A., M.A.†
Robert Helm Kennicott, B.A.
Thomas James Kinsella, B.S.†
Alfred Ernest Lange, B.S.
Clarence Myhren Larson, B.S.
Algott Siegfried Lineer, B.S.
Hymen Shalit Lippman, B.S.
Samuel Litman
Oscar Locken, B.A., B.S.
Roger Mattson, B.S.
Harry Arthur Miller, B.A., B.S.
Russell Wright Morse, B.S.
Leo Thomas Murphy, B.S.
Orville Norman Nelson, B.S.

Anton Harry Nerad, B.S.
Edgar Hughes Norris, B.S., M.A.
Martin Daniel Ott, B.A.
Harold Edward Richardson, B.S.
Leo George Rigler, B.S.
Roy Elmer St. Clair, B.A., B.S.
Leo Morton Schultman, B.S.
William Raymond Shannon, B.S., M.S.
Abraham Shedlov, B.S.
Faust Peter Silvernelle, Ph.B.
Joseph Michael Sprafka, B.S.
Chester Arthur Stewart,
B.A., M.A., Ph.D.††
Oscar Highland Ternstrom, B.S.
Leon Julius Tiber, B.S.
Oscar Lloyd Veach, B.S.
Oswald Silvanus Wyatt, B.S.
Thomas Otto Young, B.S.

GRADUATES IN NURSING
Frances Andriette Anderson
Ragnhild Bertine Bjeldanes
Martha Ellen Bowser
Milre Joan Burmeister
Jone Elizabeth Corliss
Hazel Pearl Fryckman
Olga Hanson
Alma Cecelia Haupt, B.A.
Hortense Hilbert, B.A.
Dorothy Kurtzman

Alice Marie Lough
Nora Lund
Pearl Lillian McIver
Edna Mabel Magnus
Inalane Maureen Maguire
Luella Henrietta Olson
Martha Elise Saeter
Jennie Olive Schey
Helen Patricia Smitka
Florence Lavin Warner

THE COLLEGE OF DENTISTRY
DOCTORS OF DENTAL SURGERY‡
Albert Frank Anderson
Harry Anderson
Lloyd Anderson
Arthur Verne Aronson
Claude William Bierman
Henry Rudolph Brandt
Fiske Irving Brooks
Earl Russel Carpenter
James Harold Conway
Maynard Edwin Cook
Leo Albert Daum
Fred Vernon Davidson
Walter Olof Dille

Newton Julian Dobson
Harry Ingman Egdaahl
Virgil Elliott
James Milton Foster
Benjamin Fuller
Jalmer Gletne
Otto Ferdinand Hallum
Ralph Kimberley Hawley
Robert Lester Hedburg
August William Johnson
Roman Peter Kline
Louis Charles Krause
Frans Albin Larson

‡ The class this year is the first in America to be graduated from a four-year course.
†† Honorable mention is made of this candidate for his thesis involving original investigation.
THE SCHOOL OF MINES
ENGINEERS OF MINES

Sidney Augustus Frellsen
Bert Goldberg

Samuel Bernhard Goldberg
Walter Ralph Mellem

ENGINEER OF MINES
In Geology
Joseph Orrin Hosted

METALLURGICAL ENGINEER
Wen Ping Pan, B.S. in Chem.

THE COLLEGE OF PHARMACY
BACHELOR OF SCIENCE
In Pharmacy
Margaret O'Connell

PHARMACEUTICAL CHEMISTS

Harley Ernest Anderson
Ramlal Balaram Bajpai
Howard Sidney Gross
Rose Louise Holec

James Bruce Mayo
Edna Viola Lueda Newhouse
Ethel Rasmussen
Clifford Florain Taplin

Henry Wasielewski

GRADUATE IN PHARMACY
Joseph Benjamin Sugarman
THE SCHOOL OF CHEMISTRY
CHEMICAL ENGINEERS
Thorfin Rusten Hogness, B.S. Harold Kimball Hawkey

BACHELORS OF SCIENCE
Earl Britzius Fischer
Harold Kimball Hawkey
Arthur Koch
Albrecht Herman Reu
Raymond Winslow

BACHELORS OF SCIENCE
In Chemistry
Arthur Charles Beckel
Leslie Gust Engstrom
Leslie Carson Brooks
Frank Joseph Heck
Stuart John Thorson

THE COLLEGE OF EDUCATION
BACHELORS OF ARTS
In Education
Gertrude Blanch Austin
Marian Gertrude Drake
Mary Guinn
Esther Hain
Amanda Hedvig Johnson
Roland Joseph*
Helen Kingstedt
Clara Krefting
Gladys Lee
Hazel Eugenie Linstrom
Paul Edward Lutz

Helcn Frances Maguire
Calista Mary Miles
Afra Myron
Bernadetta Marie Paton
Gladys Poole
Evelyn Mildred Purdy
Leonel Reidnnger
Louise Smith
Selmer Edvin Syvertson
Alice Howell Underwood
Glenn Farrand Varner

Wilhelm Arthur Ziegler

THE GRADUATE SCHOOL
MASTERS OF ARTS
Grace Mary Arthur
B.A. ’17, Hamline
Major, Psychology
Minor, Education
Thesis, An Absolute Intelligence Scale, a Study in Method

Martin Henry Bertram
Concordia College
Major, German
Minor, Education
Thesis, Goethes ideale Frauengestalt

* Credit granted for war service.
JEAN CATEL  
B.A. '09, B.S. '11, L.L. '13, Lille  
Major, English  
Minor, Romance (French)  
Thesis, Distinctive Images in Some Modern American Poets

WILMA EMILY EUSTIS  
B.A. '18, Minnesota  
Major, History  
Minor, Political Science  

HUGH GRAHAM  
B.A. '07, Ireland  
Major, Education  
Minor, English  
Thesis, Early Irish Monastic Schools

JOHN WALTER GRUNER  
B.A. '17, New Mexico  
Major, Geology  
Minor, Chemistry  
Thesis, Geologic Reconnaissance of the Southern Part of the Taos Range, New Mexico

JULIA FRANCES HERRICK  
B.A. '15, Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, A Method of Ascertaining the Direction of Penetrating Radiation

SIEGFRIED FREDERICK HERRMANN  
B.S. '15, Hamline  
Major, Bacteriology  
Minor, Pathology  
Thesis, The Effect of Foreign Protein on Antibody Production

JUDITH ALYMER JACOBS  
B.A. '17, Minnesota  
Major, Educational Psychology  
Minor, Education  
Thesis, Relation of Achievements in Army Tests to Achievements in University Subjects

JOHN WILLIAM JOHNSON  
B.A. '98, Carleton  
Major, Education  
Minor, Scandinavian  
Thesis, The Junior High School, with Special Reference to Its Minimum Essentials

CARL EDWARD JULIEN  
B.E. '04, Columbia  
Major, Metallography  
Minor, Geology  
Thesis, The Occurrence and Dissociation of Martensite and Austenite in Hypereutectoid Steel

JEAN FRANCES MACINNES  
B.S. '16, Illinois  
Major, Plant Pathology  
Minor, Botany  
Thesis, Wheat Scab

HELEN ADAMS MACKEEN  
B.S. '18, Minnesota  
Major, Anatomy  
Minor, Pathology  

VALBORG TAYLOR OLSON  
B.A. '18, Minnesota  
Major, Romance (French)  
Minor, Romance (Spanish)  
Thesis, Voltaire's Oedipe and Racine

ALBERT ERIK PEARSON  
B.A. '13, LL.B. '16, Minnesota  
Major, Education  
Minor, Scandinavian  
Thesis, Rights and Duties of Public School Teachers

GLADYS POOLE  
B.A. '19, Minnesota  
Major, Education  
Minor, Educational Psychology  
Thesis, The Relation between Ability, the Salaries Paid and the Experience of Rural Teachers of Minnesota
SAMUEL RALPH POWERS  
B.A. '12, Illinois  
Major, Education  
Minor, Chemistry  

HARRY BENJAMIN SMITH  
B.S. '97, Minnesota  
Major, Education  
Minor, Agricultural Education  
Thesis, Organization and Presentation of an Agricultural Curriculum for a Rural Consolidated School

FRANK LESTER ROBERTS  
B.A. '18, Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, Changes in the Mammary Gland of the Albino Rat during the Second Half of Pregnancy

TERESA MARY SWEETSER  
B.A. '17, Trinity  
Major, Sociology, Social and Civic Work  
Minor, Psychology  
Thesis, A Survey of the Social Service Done by Catholic Agencies in the Twin Cities

CHARLES KIRKLAND ROYS  
B.A. '97, Princeton  
M.D. '02, Columbia  
Major, Anatomy  
Minor, Anthropology  
Thesis, Some Growth Changes in the Walls of the Thorax in the Human Fetus

FAITH THOMPSON  
B.A. '17, Minnesota  
Major, History  
Minor, Political Science  

JOSEPH ALOYSIUS SCHABERT  
B.A. '16, St. Thomas  
Major, Psychology  
Minor, Philosophy  
Thesis, Individual Differences in Emotional Response as Measured by the Psycho-Galvanic Reflex

LUCIE TOMLINSON  
B.A. '18, Minnesota  
Major, Romance (French)  
Minor, Romance (Spanish)  
Thesis, Voltaire's Zaire and the Tragedies of Racine

SISTER HENRICA LEIFELD  
B.A. '16, St. Catherine  
Major, German  
Minor, Middle High German  
Thesis, Dramatic Elements in the "Novellen" of Theodor Storm

RUTH MARGARET VAN CAMP  
B.A. '18, Hamline  
Major, Psychology  
Minor, Education  

SISTER JEANNE MARIE BONNETT  
B.A. '17, St. Catherine  
Major, Educational Psychology  
Minor, German  
Thesis, Standard Vocabulary Tests for Mental and Educational Diagnosis

RUTH ELINOR UNDERWOOD  
B.A. in Educ. '18, Minnesota  
Major, Romance (French)  
Minor, Romance (Spanish)  
Thesis, Voltaire's Oreste and Racine

DORA VALENTINE SMITH  
B.A. '16, Minnesota  
Major, English  
Minor, History  
Thesis, The Use of Accident in the Novels of Thomas Hardy

EDNA MARY WOLF  
Ph.B. '11, Hamline  
Major, Psychology  
Minor, Chemistry  
Thesis, Quantitative Studies of the Relation of Oxygen Concentration to Oxygen Consumption in the Leech Erpobdella Punctata
MASTERS OF SCIENCE

FREDERIK WALDEMAR HVOSLEF
B.S. '17, Minnesota
Major, Mechanical Engineering
Minor, Mathematics

WALTER JOACHIM KOPPEN
B.S. '15, Washington State College
Major, Horticulture
Minor, Farm Management
Thesis, The Cost of Apple Production in Thirty-five Representative Orchards in Minnesota

CARL KURTZWEIL
B.S. '17, Iowa State College
Major, Agronomy
Minor, Cytology
Thesis, Differentiating Characters and Their Inheritance in Marquis, Preston, and Bluestem Spring Wheat

MASTERS OF SCIENCE

In Neurology

CHARLES EDWARD NIXON
B.A. '08, Pacific Union College
M.D. '15, University of Southern California
Major, Neurology
Minor, Pathology

MASTER OF SCIENCE

In Experimental Surgery

CARLETON DEDERER
B.A. '04, Cornell
M.D. '07, Columbia
Major, Surgery
Minor, Pathology
Thesis, Transplantation of the Kidney and Ovary

MASTERS OF SCIENCE

In Surgery

EDMUND JOSEPH HORGAN
M.D. '08, George Washington
Major, Surgery
Minor, Pathology
Thesis, The Histogenesis of Carcinoma in the Islets of the Pancreas

IVAN WODROW MCDOWELL
M.D. '08, Medical College of Virginia
Major, Surgery
Minor, Pathology
Thesis, Cancer of the Stomach
WILLIAM OSCAR OTT  
B.S. '10, Louisiana  
M.D. '14, Chicago (Rush)  
Major, Surgery  
Minor, Pathology  
Thesis, Surgical Aneurysms

THADDEUS BENJAMIN REEVES  
B.S. '09, Clemson College  
M.D. '14, Virginia  
Major, Surgery  
Minor, Pathology  
Thesis, A Study of the Arteries Supplying the Stomach and Duodenum and Their Relation to Ulcer

WILLIAM JOSEPH TUCKER  
B.A. '10, M.A. '12, M.D. '14, St. Louis  
Major, Surgery  
Minor, Pathology  
Thesis, Infections of the Kidney

EDWARD HOWLAND WELD  
B.A. '05, M.D. '07, Michigan  
Major, Surgery  
Minor, Roentgenology  
Thesis, Renal Absorption with Particular Reference to Pyelographic Mediums

MASTER OF SCIENCE  
In Pediatrics  
ALBERT GUY ALLEY†  
M.D. '05, Minnesota  
Major, Pediatrics  
Minor, Chemistry

DOCTORS OF PHILOSOPHY

GEORGE DELWIN ALLEN  
B.A. '07, Oberlin  
M.S. '10, Chicago  
Major, Animal Biology  
Minor, Physiology  
Thesis, Quantitative Studies on the Rate of Respiratory Metabolism in Planaria

GEORGE ELMER HOLM  
B.S. '14, Carleton  
M.S. '15, Minnesota  
Major, Biochemistry  
Minor, Organic Chemistry  

CLARENCE CARLETON BAUSMAN  
B.A. '16, M.S. '17, Minnesota  
Major, Botany  
Minor, Plant Pathology  
Thesis, Studies on the Morphology of Some Australian Algae

JOHN LUDWIG AUGUST HUCHTHAUSEN  
R.M. '92, Concordia  
M.A. '16, Minnesota  
Major, German  
Minor, Comparative Philology  
Thesis, Ideas of Freethinking Protestant Pastors in Modern German Novels

ARTHUR MONRAD JOHNSON  
B.A. '04, Minnesota  
Major, Botany  
Minor, Entomology  
Thesis, A Revision of the Section Boraphila Eugler of the Genus Saxifraga

† Died October 23, 1918. Degree of Master of Science in Pediatrics conferred post obitum.
WILLIS ERNEST JOHNSON  
B.A. '18, M.A. '18, Minnesota  
Major, Education  
Minor, Sociology  
Thesis, The Formation of Standards of Educational Achievement for a State

RIVERDA HARDING JORDON  
B.A. '93, M.A. '13, Yale  
Major, Education  
Minor, Educational Psychology  
Thesis, The Relationship between Nationality and School Progress

FRANCES ERMA LOWELL  
B.A. '15, M.A. '17, Minnesota  
Major, Psychology  
Minor, Education  
Thesis, A Group Intelligence Scale for Primary Grades

VINNIE ARAH PEASE  
B.S. '07, Puget Sound  
M.S. '16, Washington  
Major, Botany  
Minor, Organic and Phytochemistry  

ADOLPH RINGOEN  
B.A. '09, M.A. '13, Iowa  
Major, Animal Biology  
Minor, Anatomy  
Thesis, The Origin of the Eosinophil Leucocytes of Mammals

IRENE SANDIFORD  
B.A. '13, Radcliffe  
Major, Medicine  
Minor, Physiology  
Thesis, Clinical Metabolism

WILSON PORTER SHORTRIDGE  
B.A. '07, Indiana  
M.A. '11, Wisconsin  
Major, History  
Minor, Economics  

DOCTOR OF PHILOSOPHY

In Surgery

JOHN LOUIS BUTSCH  
B.S. '06, M.D. '11, M.S. '15, Johns Hopkins  
Major, Surgery  
Minor, Medicine  
Thesis, Ulcers of the Gastro-Intestinal Tract with Special Reference to Gastro-Jejunal Ulcers
DOCTOR OF PHILOSOPHY

In Obstetrics and Gynecology

LEE WILLIS BARRY
M.D. '11, Michigan
Major, Obstetrics and Gynecology
Minor, Anatomy
Thesis, The Effects of Inanition in the Pregnant Albino Rat with Special Reference to the Changes in the Relative Weights of the Various Parts, Systems, and Organs of the Offspring
HONORS AND PRIZES

HONORS

HONOR GRADUATES OF THE MILITARY DEPARTMENT TO BE REPORTED TO THE ADJUTANT GENERAL OF THE UNITED STATES ARMY AND THE ADJUTANT GENERAL OF THE MINNESOTA NATIONAL GUARD

Edward Harold Coe, E. '19  Theodore Sander, Jr., E. '19
Benjamin Allen Gincold, Md. '23  Russell Losey Strang, A. '19

DEGREES WITH HONORS

In English
Annette Reynaud

In Geology
Frank Krey

In German
Esther Hendrickson  Esther Strand

In History
Agnes Erickson  Mildred Hartsough
Elizabeth Lynskey

In Norwegian
Clara Krefting

In Rhetoric
Madeline Stephenson Long

THE ALBERT HOWARD SCHOLARSHIP
James Christian Lindberg, M.A. '05, Nebraska

THE GEORGE H. PARTRIDGE SCHOLARSHIPS

Winifred Bailey, A. '19  Minnie Carlson, A. '21
Marie Bauduin, C.U.  Cora Emily Houghton, A. '19
Jaqueline Bertillon, S.L. '21  Margaret Johnson, A. '19
Eunice Tollifson, A. '21
PRIZES

THE '89 MEMORIAL PRIZE IN HISTORY

MILDRED LUCILE HARTSOUTH

THE JOURNAL PRIZES IN HISTORY

First Place
No award
Second Place
MABEL GROVER, A. '20
DEGREES CONFERRED SINCE JUNE 20, 1918

BACHELORS OF ARTS

Hugh Barber*  Ethel Jones
Carolyn Baston  Hattie Emma Lehmann
Ralph Bigelow Beal*  Elinor Lynch
Bess Benham  Mary Lyons
Claire Cowperthwaite  Isabel Metcalf
Wanda Harriet Cupp  Helen Minerva Moore
Pearl Davis  Stanley Mulholland
Hjalmar Eclov*  Paul Justin Northrup*
Julia Harrison  James Stoakes Notestein*
Louis Arthur Hauser  Ward Hubbell Olmsted*
Neil Currie Head*  Joseph Struett
Alexander Helmick*  Elmer Reno Wilk*
Albert Eaton Hill  George Elmer Williams
Mattie Wilson Huston  Yuan Dau Wong

In Education

Arthur Anderson  Mary Hazel Haley
Harriet Ione Bozarth  Lorraine Elizabeth Joyce
Joseph James Brom  Georgina Louisa Lommen
Grace Leona Covell  Joseph Frederick Muench
Arthur Carl Selke

BACHELORS OF SCIENCE

(Academic-Medical)

Carl Arvidson  Anton Nerad
Walter Wisner Denny, B.A.  Arthur Pedersen
Claude Joseph Ehrenberg  Willard Carl Peterson
Charles Flocken, V.S.  Christian Roholt
Frances Ford, B.S. in H.E.  George Runnerstrom
John Henry Gammell, B.S. in Eng., M.E.  Leon Steffens

Leon Tiber

In Engineering

Leon Battles

* Credit granted for war service.
Course in Home Economics

ISABEL BIRNBERG
DOROTHY DODGE
AUGUST FILBERG
HARRIET HANSON
GERTRUDE HOFFMAN
FLORENCE JEPSON

BLANCHE LEE
FANNY LIPPIT
EUNICE McBRIDE
HAZEL OLSON
HARRIET MARY PIERCE
PEARL THOM

(School of Chemistry)

DONALD LEE JOHNSON

In Chemistry

GOODWIN JOSelowitz

DOCTOR OF MEDICINE
(as of June, 1917)

FLORIEN VAUGHN, B.A.

BACHELORS OF MEDICINE

EGBERT BORGESON, B.S.†
FRED BREGEL†
WALTER BROKER, B.S.
HAROLD DIEHL, B.A.††
CLIFFORD EKELUND, B.S.†
SELMER GAUSEMEL, B.S.†
EVERETT HARTLEY, B.A.†
DAVID KADESKY, B.S.†
WILLIAM KENNEDY, B.S.†

ARNOld Larson, B.S.
THOMAS LOWE, B.S.†
JOHN CHARNLEY McKINLEY, B.S., M.A.
nellie PEDERSON, B.S.
ARTHUR PLANKERS, B.S.†
FRIEDA RADUSCH, B.A., B.S.
CHRISTIAN ROHOLT, B.S.
HARRY SCHULTES, B.S.†
Julius Sturre, B.S.†

ARTHUR ZIEROLD, B.S., D.D.S.

DOCTORS OF DENTAL SURGERY

Ernest Arthur Farmer
Jorgen Halvorsen

Harvey Hicks
Jacob KrusheF

STEPHEN JOSEPH ROELIKE

METALLURGICAL ENGINEER

LIANG LEE†

GRADUATE IN PHARMACY

CLAIRE FLANDERS

† Degree of Metallurgical Engineer granted post obitum.
† These students were members of Base Hospital 26, entered active service, and were therefore awarded the degrees of Bachelor of Medicine and Doctor of Medicine as of June, 1918.
†† Honorable mention is made of this candidate for his thesis involving original investigation.
HONORS AND PRIZES ANNOUNCED ON CAP AND GOWN DAY, MAY 22, 1919

HONORS

PHI BETA KAPPA

Signe Adolfson
Harriet Katherine Apel
Lorna Doone Beers
Margaret Genevieve Beggin
Roland Blanchard
Alma Gladys Boehme
Benedict Spinoza Deinard
Lelia Delaplane
Agnes Ragna Erickson
Ruth Adelaide Evenson
Mildred Lucile Hartsough

Esther Hendrickson
Lois Neda Huney
Lucile Marie Kranz
Frank Frederick Krey
Madeleine Stephenson Long
Elizabeth Lynskey
Kathleen Frances O'Brien
Annette Marie Reynaud
Eleanor Thirza Robinson
Edna Lois Sontag
Esther Strand

SIGMA XI

Henry Barker
Lee Willis Barry
Anne Gertrude Benton
William Cantwell
Edward Wilson Davis
Harold Sheely Diehl
Raymond Adams Dutcher
Ralph John Garber
John Gruner

Siegfried Frederick Herrmann
Julia Frances Herrick
Frederik Waldemar Hvoslund
Helen Adams Mackeen
Oscar William Oestlund
Frank Lester Roberts
Charles Herbert Rogers
Oswald Rognley
Marvin James Van Wagenen
Freeman Weiss

LAMBDA ALPHA PSI

Harriet Katherine Apel
Lorna Doone Beers
Margaret Genevieve Beggin
Gertrude Harper Beggs
Meta Boutyn
Ruth Evelyn Berg
Alma Gladys Boehme
Anna Buss
Jean Catel
Mary Ellen Chase
Anna Cherry
Alexander Robertson Cowie
Albert Dahlby

Lelia Delaplane
Daniel Ford
Ellen Marguerite Goodrich
Marguerite Guinotte
Elizabeth Hawthorn
Esther Hendrickson
James Theodore Hillhouse
Ralph House
Sigurd Bernhard Hustvedt
Rewey Belle Inglis
Elizabeth Jackson
Edith Harriet Jones
Lucile Marie Kranz
MADELINE STEPHENSON LONG
THOMAS ROY MATHER
CHARLES WASHBURN NICHOLS
OLIVE NOTT
VALBORG TAYLOR OLSON
ANNA PHelan
MARION FRANCES PICKARD
FRANK MILLER RARIG

MARTIN BRONN RUUD
STANLEY RYPINS
HELEN MARGARET SCURR
SISTER HENRICA LEIFELD
ESTHER STRAND
MARIE INEZ SUNDHEIM
EVA VALLENTYNE
SAMUEL VASCONCELOS

LEWIS EDWARD ARNOLD
GEORGE BROOKES DEANE
FRANCIS ALBRIGHT DEVER
GEORGE ROBERTSON DUNCAN
HARRY ELLIOTT
SAMUEL BERNIARD GOLDBERG
RALPH WARNER HAMMETT
HARRY JOSEPH KORSlund

TAU BETA PI

LEWIS EDWARD ARNOLD
GEORGE BROOKES DEANE
FRANCIS ALBRIGHT DEVER
GEORGE ROBERTSON DUNCAN
HARRY ELLIOTT
SAMUEL BERNIARD GOLDBERG
RALPH WARNER HAMMETT
HARRY JOSEPH KORSlund

TAU BETA PI

HAROLD LANGLAND
WALTER JULIUS LEE
CLARENCE LEONARD NELSON
PETER IRVIN PETERSON
RICHARD MILTON PETERSON
CLAYTON MADISON REASONER
GEORGE LEO TUYE
JAMES DUANE WHEELER

MILTON SIDNEY WUNDERLICH

OMEGA ETA MU

LLOYD CORNELIUS ANDERSON
KENNETH EARL BRITZIUS
MAYNARD EDWIN COOK
FRED VERNON DAVIDSON
HARRY INCMAN EDGAHL
VIRGIL DOW ELLIOT
BENJAMIN FRANKLIN FULLER
RALPH KIMBERLEY HAWLEY
AUGUST WILLIAM JOHNSON
ROMAN PETER KLINE

OMEGA ETA MU

LOUIS CHARLES KRAUSE
FRANS ALBIN LARSON
JOHN GEORGE MEISSER
ELMER JOSEPH MOHN
REGINALD RAY REED
WILLARD LOUIS SAHR
FREDERICK THIERS
LEROY THOMAS
REUBEN ULVESTAD
INGVALD SIGURD VEENEN

WARD TREBOR WILLIAMS

ALPHA OMEGA ALPHA

WENDELL LANPHEAR DOWNING
SWAN ERICSON
MANLEY HEWITT HAYNES
SIEGFRIED FREDERICK HERRMANN
HUGH TOLAND JONES

ALPHA OMEGA ALPHA

THOMAS JAMES KINSELLA
RUSSELL WRIGHT MORSE
MARTIN DANIEL OTT
FAUS PETER SILVERNALE
EDGAR HUGHES NORRIS

WILLIAM RAY SHANNON

TAU SIGMA DELTA

FLORIAN KLEINSCHMIDT

TAU SIGMA DELTA

HARRY JOSEPH KORSlund
GAMMA SIGMA DELTA

FRANK BROWN
CLIFFORD PENNY FITCH
ROSS AIKEN GORTNER
EDWIN HANSEN
HERBERT KENDALL HAYES

GEORGE HARDISTY
WILLIAM ALBERT RILEY
ELVIN CHARLES STAKMAN
WARREN WAITE
CLINTON WORSHAM

PHI LAMBDA UPSILON

FERDINAND COLLATZ
ELDEN BENNETT HARTSHORN
FRANK JOSEPH HECK
GEORGE ELMER HOLM
CHARLES HURD
ARTHUR LOUIS KOCH

ALONZO GUSTAVUS MAYERS
ARThUR PARRETT
PAUL SHARP
ARTHUR EDWARD STOPEL
ALFRED SCOTT
STUART THORSON

LUDWIG JOSEPH WEBER

MU PHI DELTA

FRED VERNON DAVIDSON

THERESA MAIER
RUTH CHARLOTTE ROSS

DELTA SIGMA RHO

FRANCES KELLEY

DELTA PHI LAMBDA

EVA LOUISE ANDREWS
LORNA DOONE BEERS
ESTHER FARNHAM
MADELINE STEPHENSON LONG
ELIZABETH LYNSEY

KATHLEEN FRANCES O'BRIEN
ELLA OERTING
CLARA RAVITCH
ANNELTE MARIE REYNAUD
MARGUERITE MAE SHANNON

HELEN TOOMEY

ZETA KAPPA PSI

RUTH ELSIE ANDERSON

EVA LOUISE ANDREWS
GLADYS POOLE

UNIVERSITY ART CLUB

FRANCES ADAMS
RUTH CARLSON
FRANCES DONNELLY
 MARTHA HEAD
VIVA HEWITT

EDITH JAMES
LEAH MILLER
VIRGINIA NORBY
HELEN ZESBAUGH
MARThA ZESBAUGH

ORDER OF THE COIF

HERBERT HERMAN DREWS

IVAN OSCAR HANSEN
GILBERT ERSKINE HARRIS
MINNESOTA STATE PHARMACEUTICAL ASSOCIATION
SCHOLARSHIP
Elizabeth Malerich, P. '20

THE MOSES MARSTON SCHOLARSHIP
IN ENGLISH
Alexander Robertson Cowie

THE ST. PAUL COLLEGE WOMAN'S CLUB SCHOLARSHIPS

Edith Lois Brocker, A. '22
Leila Elizabeth Munson, A. '20
Lois Collinson Roberts, A. '22
Charlotte Larkin, A. '23

THE MINNEAPOLIS COLLEGE WOMAN'S CLUB
SCHOLARSHIP
Frances Ford, B.S., Md. '21

THE NINA MORAIS COHEN SCHOLARSHIP
Bessie Kashermand, A. '21

THE FACULTY WOMEN'S CLUB SCHOLARSHIP
Vere Kinney, A. '20

THE WOMEN'S SELF-GOVERNMENT ASSOCIATION
SCHOLARSHIP
Elizabeth Malerich, P. '20

THE MINNEAPOLIS WOMEN'S CLUB SCHOLARSHIP
Sophie Holzheid, A. '21

THE GET TOGETHER CLUB SCHOLARSHIP
Minerva Kellogg, Ag. '20

CLASS OF 1890 FELLOWSHIP
Edith Harriet Jones

THE SHEVLIN FELLOWSHIPS
Science, Literature, and the Arts
Theodore Christian Blegen, B.A. '12, M.A. '15

26
Agriculture
MARSHALL HERTIG, B.S. '16.

Medicine
HAWTHORN COLLINS WALLACE, B.A. '14, Muskingum, M.D. '19, Rush Medical

Chemistry
ELDEN BENNETT HARTSHORN, B.S. '12, Dartmouth

CONFERENCE MEDAL
ERLING PLATOU, Md. '21

THE AMERICAN INSTITUTE OF ARCHITECTS MEDAL
EDGAR BUENGER

PRIZES

THE JOHN S. PILLSBURY PRIZE
First Place
SAMUEL MASLON, A. '20

Second Place
GEORGE PERCY HOUGH, L. '20

Third Place
GLENN VARNER

THE FRANK H. PEAVEY PRIZE
First Place
ROSE FEIGELMAN, A. '21

Second Place
CHARLES ARTHUR IRWIN, A. '21

Third Place
MILTON KODAS, A. '21

THE EDWIN AMES JAGGARD PRIZE
HERBERT H. DREWS

THE ROLLIN E. CUTTS PRIZE IN SURGERY
THOMAS JAMES KINSSELLA, Md. '20
THE BRIGGS PRIZE IN FOUNDRY PRACTICE

First Place
Alexander Walker Luce, E. '21

Second Place
Lloyd Armstrong Elmer, E. '21