SOCIAL MEDIA GUIDE

Join the virtual commencement celebration on social media. Be sure to tag NDSU and use the hashtag #NDSUGrad in your posts. Also feel free to share our updates from the following platforms:

**Facebook**
Post to your own timeline and use #NDSU.

**X**
Our handle is @NDSU.

**Instagram**
You can find us under “North Dakota State University.”

Congratulations to all #NDSUGrads. You have achieved your goal of earning a degree and we wish you the very best in the future! Thank you for being part of the commencement conversation on social media. #NDSUGrad
PROCessional .................................................. POMP AND CIRCUMSTANCE, EDWARD ELGAR
North Dakota State University Brass Ensemble
Associate Professor Jeremy Brekke, Conductor

PRESENTATION OF THE COLORS .................. NDSU AIR FORCE AND ARMY ROTC BATTALION

THE NATIONAL ANTHEM .............................. THE STAR-SPANGLED BANNER, FRANCIS SCOTT KEY
North Dakota State University Brass Ensemble
Associate Professor Jeremy Brekke, Conductor
10 a.m. Ashley Johnson
2 p.m. Lauren Kueper

Please remove your caps and remain standing until after the singing of the National Anthem.

WELCOME AND REMARKS .............................. PRESIDENT COOK

GREETINGS .................................................. MARK HAGEROTT
Chancellor, North Dakota University System State Board of Higher Education

INTRODUCTION OF STUDENT SPEAKER ............ DEAN KIMBERLY WALLIN
College of Arts and Sciences
10 a.m. ceremony

INTERIM ASSOCIATE DEAN CARRIE HAMMER
College of Agriculture, Food Systems, and Natural Resources
2 p.m. ceremony

STUDENT ADDRESS ....................................... KAYLA JONES
Graduating Class Representative
10 a.m. ceremony

BRIANA NGUYEN
Graduating Class Representative
2 p.m. ceremony

ADMINISTRATION OF OATH TO ........................ LTC. THOMAS C. PLANT
SECOND LIEUTENANT CANDIDATES
Professor of Military Science
10 a.m. ceremony
PRESENTATION OF CANDIDATES FOR DEGREES .............. PROVOST DAVID BERTOLINI

CONFERRAL OF HONORARY DOCTORATE ....................... PRESIDENT COOK
Denise K. Lajimodiere
Honorary Doctorate of Humane Letters
10 a.m. ceremony

HONOR SONG .................................................. BUFFALO RIVER SINGERS

CONFERRAL OF DEGREES ....................................... PRESIDENT COOK

PRESENTATION OF COLLEGES

10 A.M.
Arts and Sciences ........................................... Dean Kimberly Wallin
Health and Human Sciences .............................. Interim Dean Ron Werner-Wilson

2 P.M.
Graduate and Interdisciplinary Studies .................. Interim Dean Mark Nawrot
Agriculture, Food Systems, and Natural Resources .......... Interim Associate Dean Carrie Hammer
Business ................................................................ Dean Kathryn Birkeland
Engineering ................................................................ Interim Dean Alan Kallmeyer

CLOSING REMARKS ........................................... PRESIDENT COOK

NDSU SCHOOL SONG ................................. THE YELLOW AND THE GREEN, MINARD-PUTNAM
10 a.m. Ashley Johnson
2 p.m. Lauren Kueper

RECESSIONAL ............................................. THE CROWNING GLORY, ALFRED REED
North Dakota State University Brass Ensemble
Associate Professor Jeremy Brekke, Conductor

Please remain seated until the recessional concludes.
Denise K. Lajimodiere, an enrolled Citizen of the Turtle Mountain Band of Chippewa in Belcourt, North Dakota, has been involved in education for 44 years as an elementary school teacher, principal and professor. She was an associate professor in the NDSU School of Education's education leadership program.


Lajimodiere is a traditional Jingle Dress dancer and Ojibwe Birch Bark Biting artist. She lives in a cozy cottage near the lake on the Turtle Mountain Indian Reservation. She is North Dakota’s current Poet Laureate.

Lajimodiere earned bachelor’s, master’s and doctorate degrees from the University of North Dakota in Grand Forks.
CLASS REPRESENTATIVE

Kayla Jones  10 A.M. CEREMONY
Jones is receiving a Master of Education with an emphasis on higher education. She has been a member of the Black Student Association and the Presidents Council for Diversity, Inclusion and Respect for two years and hosted inclusivity panels on women in leadership and learning to lead. She’s also a member of the Blue Key Honor Society. Jones earned the Bison Student Leader of the Year Award and NDSU TRIO Student Support Services Distinguished Alumni Award. She was named YWCA Woman of the Year in Youth Advocacy and is an NDSU Tapestry of Inclusion inductee. A resident of St. Louis, Missouri, she is the daughter of Aaron and Natlyn Jones.

Briana Nguyen  2 P.M. CEREMONY
Nguyen was active on campus in the Asian Student Organization, Pre-Physician Assistant Club and in NDSU Student Government. She was a member of the Student Government Executive Team, serving as the group’s Executive Commissioner of Diversity and Inclusion. She’s an active and longtime member of Fargo’s Vietnamese community. She served as co-president of the Asian Student Organization and helped plan the group’s annual lunar festival. She was an NDSU Tapestry of Inclusion honoree as a senior. Nguyen will receive a Bachelor of Science in microbiological sciences. She is the daughter of Brian and Tiffany Nguyen.

SOLOIST

Ashley Johnson  10 A.M. CEREMONY
Johnson is earning her bachelor’s degree in vocal music education. She is a member of the NDSU Concert Choir, Madrigal Singers and Bison Arts Singers. Johnson was a soloist in the Challey School of Music’s productions of Messiah as well as a performer in the Madrigal Dinners. She was an officer of the NDSU Concert Choir for two years, served as spokesperson on the Challey School of Music Student Council and was the recipient of the 2023 Presser Award. Johnson recently finished her student teaching experience in Fargo and Puyallup, Washington. From Kasson-Mantorville, Minnesota, Johnson is the daughter of Randy and Kimberly Johnson. Her career goal is to share her love of music with the next generation of leaders.

Lauren Kueper  2 P.M. CEREMONY
Kueper is receiving a master’s degree in voice performance. She’s a member of the NDSU Concert Choir and music student council. She’s performed with the NDSU opera program and the FM Opera Chorus. Kueper, who is from Spirit Lake, Iowa, earned a bachelor’s degree from Augustana University. She is the daughter of John and Cathy Sandison. After graduation, Kueper will be teaching private voice and piano lessons and hopes to continue performing in the Fargo-Moorhead area.
Candidates will be presented by Interim Dean Mark Nawrot and marshaled by Changhui Yan and student marshal Kelly Nkanpira.

**DOCTOR OF PHILOSOPHY**

**Md. Golam Kafi Mia**+ Cellular and Molecular Biology

“Optimizing Ruminant Production Through Exogenous Vasoactive Intestinal Polypeptide Treatment”

Advisor: Kendall Swanson

**William E. Falkner** Discipline-Based Educational Research

“Curriculum Design and Assessment: the Development of a Nonmajor Biology Course-Based Undergraduate Research Experiences and its Effects on Students and Instructors”

Advisor: Lisa Montplaisir

**Christine M. Cornish** Environmental and Conservation Sciences

“Anthropogenic Treasurers on Freshwater Wetlands: a Microbial Perspective”

Advisor: Jon Sweetman and Marinus Otte

**Berkay Koyuncu** Environmental and Conservation Sciences

“Three-dimensional Structures of Flows in a River Bend: Open Surface and Ice-covered Condition”

Advisor: Trung Bao Le

**Josephine P. Johnson** Genomics, Phenomics and Bioinformatics

“Phenotypic Consequences of Deleterious Mutations in Pea (Pisum sativum L.)”

Advisor: Nonoy Bandillo

**Mario A. Morales**+ Genomics, Phenomics and Bioinformatics

“Next-Generation Seed Screening: High-Throughput Approaches to Pisum Sativum L. Genotype Analysis with Deep Learning Models, Computer Vision, and NLP”

Advisor: Nonoy Bandillo

**Katlyn A. Balstad**+ Environmental and Conservation Sciences

**Heather M. Davis** Environmental and Conservation Sciences

**Morgan S. Donaldson** Environmental and Conservation Sciences

**Elena Prado-Ragan**+ Environmental and Conservation Sciences

**Whitney M. Sauskojus** Environmental and Conservation Sciences

**Caroline L. Osborne**+ Genomics, Phenomics and Bioinformatics

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**MASTER OF SCIENCE**

**Natalie T. Acosta-Castellanos**+ Animal Sciences

“Role of Dietary Energy in Swine Diets: Benefits to Human Health and Animal Agriculture”

Advisor: Eric Berg

**Abdulrahman K. Alahmed**+ Cereal Science

“Enhancing Mechanical Properties and Water Interactions of Arabinoxylan Films from Corn Bran through Enzymatic-Chemical Modification”

Advisor: Senay Simsek

**Ohud H. Alam**+ Plant Pathology

“Small-Spored Alternaria Species Associated with Potato Leaf Spot”

Advisor: Julie Pashe

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**DOCTOR OF PHILOSOPHY**

**Ryan R. Buetow**+ Plant Sciences

“Factors Influencing Wheat Stand Establishment”

Advisor: Joel Ransom

**Anto Pradeep Raja Charles**+ Cereal Science

“Characterization of Pickering-Stabilized Corn Oil Olesofoams and Application in Bakery Products”

Advisor: Jiajia Rao

**Baochen Fang**+ Cereal Science

“Unlocking the Potential of Industrial Hemp Protein as an Emerging Functional Gelling Agent in Foods”

Advisor: Jiajia Rao

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Candidates will be presented by Interim Associate Dean Carrie Hammer and marshaled by Adam Marx and student marshal Kiley Kvamme.

**DOCTOR OF PHILOSOPHY**

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Advisor: Julie Pashe

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Advisor: Nonoy Bandillo

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“Next-Generation Seed Screening: High-Throughput Approaches to Pisum Sativum L. Genotype Analysis with Deep Learning Models, Computer Vision, and NLP”

Advisor: Nonoy Bandillo

**Katlyn A. Balstad**+ Environmental and Conservation Sciences

**Heather M. Davis** Environmental and Conservation Sciences

**Morgan S. Donaldson** Environmental and Conservation Sciences

**Elena Prado-Ragan**+ Environmental and Conservation Sciences

**Whitney M. Sauskojus** Environmental and Conservation Sciences

**Caroline L. Osborne**+ Genomics, Phenomics and Bioinformatics

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**Abdulrahman K. Alahmed**+ Cereal Science

“Enhancing Mechanical Properties and Water Interactions of Arabinoxylan Films from Corn Bran through Enzymatic-Chemical Modification”

Advisor: Senay Simsek

**Ohud H. Alam**+ Plant Pathology

“Small-Spored Alternaria Species Associated with Potato Leaf Spot”

Advisor: Julie Pashe

**Ryan R. Buetow**+ Plant Sciences

“Factors Influencing Wheat Stand Establishment”

Advisor: Joel Ransom

**Anto Pradeep Raja Charles**+ Cereal Science

“Characterization of Pickering-Stabilized Corn Oil Olesofoams and Application in Bakery Products”

Advisor: Jiajia Rao

**Baochen Fang**+ Cereal Science

“Unlocking the Potential of Industrial Hemp Protein as an Emerging Functional Gelling Agent in Foods”

Advisor: Jiajia Rao

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Candidates will be presented by Interim Associate Dean Carrie Hammer and marshaled by Adam Marx and student marshal Kiley Kvamme.
Brady J. Goettl  
Soil Science  
“Improving Nitrogen Management, Including the Use of Cover Crops, in North Dakota Cropping Systems”  
Advisor: Thomas DeSutter and Daivd Franzen

Matteo Grossi  
Cereal Science  
“Developing Low-Saturated Fat Oleofoams and Emulsion Foams for Food Applications”  
Advisor: Bingcan Chen

Jed D. Grow+  
Plant Sciences  
“Role of Dietary Energy in Swine Diets: Benefits to Human Health and Animal Agriculture”  
Advisor: Andrew Robinson

Zixuan Gu  
Cereal Science  
“The Role of Malting on the Development of Malting Barley Aroma”  
Advisor: Bingcan Chen

Aaron R. Hoppe  
Plant Sciences  
“Evaluating On-Farm Strip Tillage and Assessing Cover Crops for Waterhemp Suppression in Sugarbeet”  
Advisor: Thomas Peters

Phabian Makokha+  
Plant Sciences  
“Potato Production Using Narrow Row Width”  
Advisor: Andrew Robinson

Dante A. Marino+  
Plant Pathology  
Advisor: Luis del Rio

Jonathan J. Nguyen+  
Microbiology and Discipline Based Educational Research  
“Facilitating Curricular Reform Using the Microbiology Concept Inventory”  
Advisor: Danielle Condry

Rica Amor Saludares  
Plant Sciences  
“Multi-Trait Multi-Environment Genomic Prediction in Pulse Crops”  
Advisor: Nonyo Bandillo

Muxin Zhao  
Cereal Science  
“Impact of Minimally Processed Oil-Based Oleogels on Bakery Products: Evaluating Oxidative Stability and Antioxidant Enhancement in Oleogel and Associated Products”  
Advisor: Bingcan Chen

MASTER OF EDUCATION

Rene A. Boardman  
Agricultural Education

Anne M. Borseth  
Family and Consumer Sciences Education

Samantha E. Doneen  
Agricultural Education

Janessa Fisk  
Family and Consumer Sciences Education

Carie M. Moore  
Agricultural Education

Andrew Steiner+  
Agricultural Education

MASTER OF NATURAL RESOURCES MANAGEMENT

Steven Budka  
Andrew B. Koskela  
Samantha M. Stueber

MASTER OF SCIENCE

Namrata Acharya  
Plant Sciences

Mayowa S. Aderoju  
Plant Pathology

Evans T. Akoto  
Agribusiness and Applied Economics

Daniel Oppong Ampah  
Agribusiness and Applied Economics

Muhammad Anas  
Animal Sciences

Steven E. Anderson  
Animal Sciences

Tannis L. Anderson  
Plant Sciences

Rovel Emman G. Austria  
Plant Pathology

Ibukunoluwa Bankole+  
Plant Pathology

Apurva Bhopal  
Horticulture

Emmanuella Bredu  
Horticulture

Isaac T. Courneya  
Plant Pathology

Bhanu Dangi  
Plant Sciences

Pritika Devkota  
Cereal Science

Roshan Dhakal  
Plant Pathology

John T. Dunn  
Agribusiness and Applied Economics

Tyler D. Edvall  
Horticulture

Lexi Edwards  
Natural Resource Sciences

Rylie K. Elvers+  
Microbiology

Yssi L. Entzie+  
Animal Sciences

Richard I. Feir  
Agribusiness and Applied Economics

Guido Frega+  
Entomology

Bijaya Ghimire  
Plant Sciences

Ivymary G. Goodspeed+  
Plant Sciences

Grady Gullickson  
Animal Sciences

Connor C. Hagemeyer+  
Horticulture

Forrest J. Hanson  
Plant Sciences

Caleb Hauck  
Agribusiness and Applied Economics
Hayden T. Hogenson  
Agribusiness and Applied Economics

Justin W. Jacobs  
Plant Sciences

Matthew A. John  
Plant Pathology

Jay M. Johnson  
Natural Resource Sciences

Mary Kasakamu  
Animal Sciences

Harkamal Kaur  
Plant Pathology

Saurabha Koirala  
Plant Sciences

Yoko Kosugi  
Natural Resource Sciences

Anastasia K. Kurth  
Plant Sciences

Amanda Malik  
Cereal Science

Eduardo Melgar+  
Plant Sciences

Benjamin Menapace  
Natural Resource Sciences

Maram Fathi Mohammad Milad  
Horticulture

Madeleine S. Nichols  
Animal Sciences

Fatema Akter Nisha  
Microbiology

Aaron M. Ostlund  
Soil Science

Amanda B. Pease+  
Microbiology

Mishuk Roy  
Agribusiness and Applied Economics

Devon J. Schwarzrock  
Agribusiness and Applied Economics

Kathryn R. Slavick  
Animal Sciences

Bijula Mankara Sureshbabu  
Plant Pathology

Ayesha Tasmim  
Agribusiness and Applied Economics

Andres Torres+  
Plant Sciences

Miranda J. Vanderhyde+  
Microbiology

Carlos F. Velasquez Villegas  
Plant Sciences

Kaylee Weigel  
Microbiology

Riley R. Williamson+  
Microbiology

Cerly Rini Yeruva  
Plant Sciences

Israt Ansari Zaman  
Plant Pathology

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BACHELOR OF SCIENCE

- Sara A. Abel+  
  Veterinary Technology

- Angela A. Abrahamson  
  Veterinary Technology

- Anna C. Albrecht  
  Natural Resource Management

- Brenna G. Anderson  
  Animal Science

- Erika Anderson  
  Crop and Weed Sciences

- Natalie A. Anderson  
  Crop and Weed Sciences

- Nicholas D. Antonoplos  
  Microbiology

- Rivers D. Bachman  
  Agricultural Education

- Hayden D. Bakke  
  Precision Agriculture Technology and Management

- Karie A. Bauer  
  Equine Science

- Lilly Bina  
  Crop and Weed Sciences

- Kiersten Boehm  
  Horticulture and Urban Agriculture

- Hunter S. Brozio  
  Animal Science

- Megan D. Burns  
  Natural Resources Management

- Jacee Carlson  
  Crop and Weed Sciences

- Cecelia B. Carnivale  
  Animal Science

- John C. Chadwick  
  Economics

- Jaden R. Christ  
  Agribusiness

- Riley L. Christianson  
  Biotechnology

- Kimberly E. Conklin  
  Agricultural Education

- Braden M. Conlon  
  Agricultural Economics

- Hunter A. Covey  
  Economics

- Quinn Czech  
  Agribusiness

- Nicholas G. DeLaPointe  
  Microbiology

- Warrick H. Dilsie  
  Agricultural Economics

- Sabrina Dunlop  
  Agricultural Education

- Kerstin V. Duursma  
  Agricultural Economics

- Megan Duzan  
  Veterinary Technology

- Jaxon D. Edwards  
  Natural Resources Management

- Kayla Ehlis  
  Crop and Weed Sciences

- Joseph D. Ellison  
  Agricultural Systems Management

- Cade B. Fehr  
  Precision Agriculture Technology and Management

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* Cum Laude  ** Magna Cum Laude  *** Summa Cum Laude  + Summer Candidate
• Christy Finck  
  Animal Science

• Mackenzie S. Fiskness
  Crop and Weed Sciences

Kaylee R. Fallman
  Agricultural Education

Alexander J. Frerich
  Horticulture and Urban Agriculture

** Evan E. Friesz
  Agricultural Economics

Elizabeth K. Frohlich
  Horticulture and Urban Agriculture

Hannah M. Gebeke
  General Agriculture

*** Carly George
  Biotechnology
  Crop and Weed Sciences

Madalyn Gieseke
  Crop and Weed Sciences

• Lewis Goehring
  Natural Resources Management

• Robert M. Goff
  Natural Resources Management

• Christina Gruber
  Biotechnology

Emma J. Haberer+
  Veterinary Technology

• Gunnar J. Hagen
  Precision Agriculture Technology and Management

Jack G. Hagen
  Crop and Weed Sciences

*** Mia R. Haugan
  Microbiology
  Biotechnology

Abigail Haynes
  Animal Science

Kell C. Helmuth
  Microbiology

Carter J. Hemmesch
  Economics

Jaylynn J. Hicks
  Animal Science
  Equine Science

• Abigail Hoffarth
  Microbiology
  Biotechnology

Alexius Holter
  Crop and Weed Sciences

*** Emma Honeyman
  Agricultural Economics

Breanna Hosman
  Agricultural Education

• Carson J. Hought
  Crop and Weed Sciences

Carson J. Hovelson
  Agricultural Systems Management

• Greta Huber
  Animal Science

• Maria L. Jenkins
  Veterinary Technology

Madison P. Johnke
  Veterinary Technology

Laura M. Johnson
  Animal Science
  Veterinary Technology

• Ella C. Johnston
  Agricultural Economics

• Isabella Jurgens
  Animal Science
  Equine Science

Brennan D. Kitchin+
  Agricultural Economics

*** Aaron M. Klain
  General Agriculture

• McCartney T. Knutson
  Animal Science
  Equine Science

Jared J. Kohnen
  Agribusiness

Cade R. Korslien
  Agricultural Economics

• Cody A. Kurth
  Agribusiness

Karllee A. Kutz+
  Veterinary Technology

Ganon R. Kuznia
  Precision Agriculture Technology and Management

Josie E. Kvanbek
  Animal Science

• Alannah M. Larsen
  Animal Science

Brandt Larsen+
  Precision Agriculture Technology and Management

Joseph G. Leingang
  Agricultural Economics

Paige Lemar+
  Veterinary Technology

Macee Libbesmeier
  Agribusiness

• Derek C. Lloyd
  Crop and Weed Sciences

Ty H. Longtin+
  Precision Agriculture Technology and Management

• Jared Lovro
  Agricultural Education

• Jayden W. MacDonald
  Agricultural Education

• Carson Markovic
  Microbiology

*** Elias T. Markusen
  Agricultural Economics

• Jacob D. Maseth
  Animal Science

Mary Mbuthia+
  Veterinary Technology

• Alivia A. McCarthy+
  Veterinary Technology

Connor McCullough
  Economics

*** Zachary K. McGlynn
  Agricultural Economics

Megan K. McMillen
  Veterinary Technology

Ethan H. Melberg
  Agricultural Economics

Breanna Metzenhuber+
  Veterinary Technology

Brent M. Meyer
  Horticulture and Urban Agriculture

Madison A. Meyer
  Natural Resources Management
Jamie L. Miller
Horticulture and Urban Agriculture
Mason Miller
General Agriculture
• Joelle Moorhouse
Animal Science
Matthew Morin
Natural Resources Management
** Madison N. Myers
Agricultural Economics
Hanna Myrin+
Veterinary Technology
• Hunter J. Neibauer
Agricultural Economics
Abigail Nelson
Biotechnology
** Hayden R. Nelson
Crop and Weed Sciences
Jayce M. Nelson
Crop and Weed Sciences
• Lydia H. Nelson
Family and Consumer Sciences Education
** Beatrix S. Newman
Natural Resources Management
Briana L. Nguyen
Microbiology
• Zachary T. Nicholson+
Veterinary Technology
Anton K. Osowski
Crop and Weed Sciences
Trevor M. Otterson
Agricultural Systems Management
Jessica M. Paklonsky
Animal Science
** Tanner Payne
Natural Resources Management
Brady W. Petrangelo
Economics
Bailey Potter
Animal Science
Equine Science
Gabriel C. Quandt
Agricultural Economics
• April Rademacher
Precision Agriculture Technology and Management
• John E. Rath
Precision Agriculture Technology and Management
Alisyn M. Rathcke+
Veterinary Technology
** Ciara Richter
Animal Science
** Megan Rodine
Agricultural Economics
*** Jack Roehl
Crop and Weed Sciences
** Bailey J. Rogers
Animal Science
Angelina H. Ronning+
Veterinary Technology
• Madeline Ryan
Equine Science
Jake Sanders
Agricultural Economics
** Clarissa M. Satrom
Horticulture and Urban Agriculture
Mikaela C. Schindler
Natural Resources Management
Jeremy Schloer
Agricultural Economics
• Lauryn O. Smidt
Animal Science
Jon T. Spahn+
Economics
Finnian T. Speier
Economics
*** Aria A. Staiger
Agricultural Economics
Animal Science
Faye A. Stanton
Equine Science
*** Madison K. Starr
Agribusiness
Madeline R. Steele
Veterinary Technology
*** Jonah J. Steffl
Precision Agriculture Technology and Management
Crop and Weed Sciences
Joshua Streit
Agricultural Economics
Jared P. Tangen+
Agribusiness
Dani Tarver
Microbiology
Biotechnology
** Ashley Treiber
Animal Science
** Tristen T. Uglen
Precision Agriculture Technology and Management
*** Broden D. Ullyott
Natural Resources Management
Natalya Vanaken+
Animal Science
Equine Science
Alexis A. Vandeberghe
Animal Science
• Brittney Vickerman
Horticulture and Urban Agriculture
Parker L. Vinje
Agricultural Economics
*** Natalie Visich
Biotechnology
Microbiology
Owen Voigt
Agribusiness
** Wyatt D. Warkenthien
Biotechnology
Microbiology
Austin Weippert
Crop and Weed Sciences
Reese Wetzelstein
Animal Science
Mekenzie Whaley
Animal Science
** Sydney M. Wiebusch+
Veterinary Technology
Katie J. Wiese+
Veterinary Technology
Cole Williams
Crop and Weed Sciences
DOCTOR OF PHILOSOPHY

Toluolo V. Adesope Education
“Effects of Test-Optional Policy on Graduate Application, Enrollment and Diversity of Student Body.”
Advisor: Brent Hill

Ahmed J. Aljaberi+ Rhetoric, Writing and Culture
“Anti-Islam Websites and / or “Economies of Distraction”: Rhetoric of Hate in Online Environments”
Advisor: Lisa Arnold

Faez S. Alotaibi+ Chemistry
“Green Protocols for Indium-Mediated Allylation Reaction”
Advisor: Gregory Cook

Wathsala M. Amadouru Jayawardana Physics
“Investigation of 2D Thin Films in 3D Structures Involving Origami, Kirigami and Adhesion”
Advisor: Andrew Croll

Caitlin R. Anderson+ Biological Sciences and Discipline Based Educational Research
“An Exploration of Systems Thinking in Undergraduate Biology”
Advisor: Jennifer Momsen

Samantha Jo M. Archer Communication
“To Correct and Protect: Extending the Masspersonal Communication Model to Social Media Disagreements”
Advisor: Carrie Anne Platt

Samuel A. Birkholz+ Psychology
“Attention and Memory Function in Healthy Adults and Adults with Parkinson’s Disease”
Advisor: Jeffrey Johnson

Gagandeep S. Brar Biological Sciences
“Omics’ Approaches to Understand Ecology and Physiology of Bees”
Advisor: Julia Bowsher

Srinivasulu Dasanna Biochemistry
“Investigating Selected BECN1-Interacting Proteins That Regulate Autophagy”
Advisor: Sangita Sinha

Tarab M. Dahl Education
“Investigating Teacher and Student Perceptions of the Impacts of Standards-Based Grading and Instructional Practices”
Advisor: James Nyachwaya

Joseph C. Dahlgren+ Coatings and Polymeric Materials
“Investigation of Amphiphilic Polymers for Modification of Surface Properties in Marine Fouling-Release Coatings”
Advisor: Dean Webster

Shokoofoh Ghasemi+ Coatings and Polymeric Materials
“Integration of Computational Modeling and Experimental Advances in Material Design for Optimal Performance and Sustainability”
Advisor: Dean Webster

Margaret W. Githua Communication
“AI in Advertising of Counterfeit Products”
Advisor: Zoltan Majdik

Krystal D. Griege+ Chemistry and Discipline Based Educational Research
“Integration of Green Chemistry into the Undergraduate Organic Curriculum”
Advisor: James Nyachwaya and Alexey Leontyev

Sharmin Hossain+ Statistics
“Hypothesis Testing for Network Community Structure with Empirical Likelihood Test”
Advisor: Mingao Yuan

Nicholas Humphrey Emergency Management
“Exploring Meteorologists’ Knowledge of Human Behavior During Tornado Warnings: an Application of the Protective Action Decision Model”
Advisor: Caroline Hackerott

Idamawatte C. Idamawatta+ Statistics
“Infection Disease Modelling and Prediction Using Machine Learning”
Advisor: Bong-Jin Choi

Beau D. Jernberg Biochemistry
“Structural Basis of Key Conserved Cell-Surface Signaling Pathways Involved in Iron Import”
Advisor: Christopher Colbert

Alistair McInerny Physics and Discipline Based Educational Research
“Applying Theoretical Frameworks from Cognitive Psychology to Assess Faculty Professional Development and Student Reasoning in Physics”
Advisor: Mila Kryjevskaia

Yu Meng+ Rhetoric, Writing and Culture
“Rhetorical Tactics in the Debate about Wearing Face Coverings: Public Health Risk Communication during the COVID-19 Pandemic”
Advisor: Alison Graham-Bertolini

Candidates will be presented by Dean Kimberly Wallin and marshaled by Ron Degges and student marshal Emma Olson.
Lydia C. Nixon+ Biological Sciences
“Two Approaches to Bat Conservation: Stress Physiology of Wild Big Brown Bats and Human Perceptions of Bats in the Post-COVID Era”
Advisor: Erin Gillam

Ramsharan Pandey Coatings and Polymeric Materials
“Experimental and Computational Methods for the Development of Novel Environmentally Friendly Materials for Different Applications”
Advisor: Dean C. Webster

Bayan Shukr Statistics
“Nonparametric Tests”
Advisor: Rhonda Magel

Elliott W. Welker+ Education
“Variance in Application of Qualitative Expressions Across Demographics”
Advisor: Brent Hill

Wyatt D. Wilcox+ Chemistry
“Simple and Clean: Reducing Toxicity and Synthetic Complexity in Low Bandgap Conjugated Polymer Synthesis”
Advisor: Seth C. Rasmussen

Samuel R. Wyatt+ Biochemistry
“Structural Studies of the Mechanism by which Selected Interactions of the BECN1 CCD and BH3D Regulate Autophagy”
Advisor: Sangita Sinha

Shane C. Wyborny Biochemistry
“Analysis of the Interaction Between Calcium Activated Protein Phosphatase, Calcineurin, and its Primary Regulator, Rcan”
Advisor: Christopher Colbert

Bin Zhao Statistics
“Community Detection in Censored Hypergraph”
Advisor: Mingao Yuan

DOCTOR OF MUSICAL ARTS
Kewen Cheng
“An Examination of Selected CHINESE ETHNIC Choral Music from Inner Mongolia, Yunnan Province, and Central Plains Area”
Advisor: JoAnn Miller

Jesse J. Dunaway+
“Membra Jesu Nostrri: a Case for Oratorio”
Advisor: Mike Weber

MASTER OF ARTS
Nasih U. Alam
English
Kaitlynn M. Anderson
History
Fahmida Haque Chowdhury
English
Emily J. Dietz+
Communication
Shane W. Engeland
History
Petra L. Gunderson-Leith
History
Ashley M. Henley+
Communication
Minh K. Huynh+
English
Levi Magnuson
History
Rose-Marline Marcellus
Communication
Kaylee Moore+
Communication
Francisca D. Nyarko
Communication

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Cody Loud
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Mariah K. Zeien

• Cum Laude       •• Magna Cum Laude       ••• Summa Cum Laude       + Summer Candidate
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Molly Massar
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Terruth Massy
Criminal Justice

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Boone A. Morrow
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Simon E. Mueller
Environmental Design
Cole M. Myers
Psychology
Jayden T. Nadgwick
Environmental Design

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Magna Cum Laude
Summa Cum Laude
Summer Candidate
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<th>Name</th>
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<td>Isaiah L. Skiple</td>
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Ana L. Solberg*  
Political Science

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Mathematics

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Psychology

Michael D. Weber  
Biological Sciences

Matthew D. Weierke  
Criminal Justice

Allie M. Wendel  
Apparel, Retail Merchandising and Design

Winnie M. Weninger  
Strategic Communication  
Art

Kelsey Westrick  
Interior Design

Ethan A. Whitfield  
Art Education

Zebedee Willer  
Mathematics Education

Hailey J. Williams  
Criminal Justice

Jonah J. Williams  
Business Education

McKenna J. Williams+  
Biological Sciences

Isabel Willis+  
Mathematics  
Statistics

Aubrey D. Wirth  
Psychology  
Criminal Justice

Jaxon Wiseman  
Psychology

Kylee A. Wittwer  
Psychology

Kendra R. Wolthouse  
Biochemistry and Molecular Biology

Angela Wright  
Psychology

Yiqi Yuan+  
Apparel, Retail Merchandising and Design

Jaden N. Zander  
Spanish Education  
Spanish

Annah L. Zikmund  
Strategic Communication

Madison J. Zimdars  
Psychology

BACHELOR OF SCIENCE  
ARCHITECTURE

Sophia Austvold

Haytham Aziz

Dawson P. Bechtold

Tim R. Bjugstad

Chloe L. Bourdeau

Abigail K. Bueling

Katie Burandt

Emma R. Clark

Koate Deebom

Korri R. Dragt

Emeka E. Eneanya

Andrea Frank

Tyler Freese

Avena M. Fromayan

Giuliana V. Galindo Mata

Calia A. Halgrimson

Noah J. Helget

Isabelle Helseth

Cayden L. Henning+
• Thomas O. Himmelspach
• Ethan J. Holder
• Logan R. Holzer
  •• Brayden M. Kirk
  • Garrett L. Kleven
• Bronson D. Knight
• • Madeline E. Knoll
• • Tam J. Le
• • Alyssa M. Mancliman
• • Carson D. Mennen
• •• Morgan R. Nelson
• • Brady C. Odegard
• •• Loy D. Olson
  Madison A. Peterson
• • Britta R. Pfeifer
• • Robert A. Reber
• • Morgan Rodgers
• •• Lilly A. Saarala
• •• Ayden R. Schaffler
• • Noah T. Sirvio
• • Maeve E. Snapko
• • Alex J. Stalboerger
  Mason E. Stanius
• •• Derek M. Steffan
• • Mataiah A. Turner
• • Anthony Vergara Gonzalez
• •• Ethan A. Weber
• • Enya Weinandt
• • Cody D. Williamson
• • Josey X. Wilson
• • Philip A. Wyanowski
• • Emily Zaragoza
• •• Haddey M. Zastrow

BACHELOR OF UNIVERSITY STUDIES
• Emma C. Athmann
  Rusty J. Bender
  Timothy M. Birkeland+
  Maddison L. Block
  Jeffrey D. Borowicz

HUNTER G. CRONQUIST+
• Mark A. Crosswhite
• Teagan R. Decoteau
• Brandi L. Deutsch
• James Dunlap
• Anna Dworsky
• Courtney R. Frid
• Erin R. Gee
• Gavin P. Halverson
• Christina M. Herring
  •• Taylalyn Homiston
• Ilise N. Jennings+
• Connor B. Johnson
• Patricia Johnson
• Kelsey Kallio
• Cade S. Kellar
• Jayden M. Keller
• Kenyon B. Koch
• Camden K. Lotch
• Madison J. Majewski
• Lisa J. Melland
• Tareyn A. Messmer
• Katrina E. Morse
• Shawn M. Muhle
• Legonne J. Oriental+
• Amelia A. Pirkl
  •• Hope A. Pringle+
  Bob Rizo
• Sophia A. Roll
• Ashton Sagaser
• Mateo Sanchez
• Grace Schmidt
• Marcus Sheppard
• Boden Skunberg
• Jennifer R. Steiner
• Shooter B. Stewart
• Andrew C. Trites+
• Ellie N. Underdahl
• Kynzi F. Winger
• Hunter J. Zenzen

DOCTOR OF PHILOSOPHY

Taraneh Askarzadeh Transportation and Supply Chain
“Quantitative Evaluation of Drone-Based Linear Asset Condition Monitoring”
Advisor: Raj Bridgelall

Ihsan U. Khan Transportation and Supply Chain
“Identification, Investigation, and Spatial Analysis of Various Contributing Factors to Injury Severity in Different Crash types”
Advisor: Diomo Motuba

Taraneh Askarzadeh Transportation and Supply Chain
“Essays on Environmental Risk Analysis of Hazardous Materials Transportation”
Advisor: Pan Lu

Heshani A. Manaweera Wickramage+
Transportation and Supply Chain
“An Intelligent Low-Cost Lidar Solution for Rail Track Geometry Monitoring and Assessment with Advanced AI Algorithms and Processing Techniques”
Advisor: Pan Lu

Yihao Ren Transportation and Supply Chain
“An Intelligent Low-Cost Lidar Solution for Rail Track Geometry Monitoring and Assessment with Advanced AI Algorithms and Processing Techniques”
Advisor: Pan Lu

COLLEGE OF BUSINESS
Candidates will be presented by Dean Kathryn Birkeland and marshaled by Andrea Smith and student marshal Anna Kessel.
** Sophia K. Carlsen+  
Business Administration

** William I. Carpentier  
Finance

Andre M. Carrier  
Business Administration

Diego J. Castillo+  
Business Administration

Adam M. Cavalieri  
Marketing

Michael J. Cavo  
Business Administration

• Colin P. Claxton  
Finance

Isabel T. Cogger  
Finance

Anders K. Coomes  
Marketing

** Jaden Court  
Management

Jonah M. Davis  
Business Administration

Evan W. Deters  
Finance

** Cassandra N. DeVillers  
Marketing

Global Business

Ethan J. Dexheimer  
Marketing

** Ethan A. Dietz  
Management Information Systems

** Sidney T. Drew  
Marketing

Gabriel J. DuLac  
Business Administration

*** Jaxon Duttenhefer  
Accounting

** Beck O. Erholtz  
Finance

Andrew J. Erickson  
Finance

Angel R. Erickson  
Marketing

Caden J. Evanson  
Business Administration

• Maxwell D. Feggestad  
Finance

** Lydia J. Fellerman  
Finance

Business Administration

Kylee Fike+  
Hospitality and Event Management

Andrew J. Fischer  
Finance

Elizabeth M. Fischer  
Business Administration

Alex J. Flam  
Business Administration

• Isaiah J. Flaten  
Finance

Leah A. Flath  
Management

Megan A. Flatt  
Marketing

Ella Foley  
Accounting

Business Administration

Isabel M. Friederichs  
Marketing

Jediah R. Friesz  
Accounting

• Jack A. Fudge  
Accounting

Micah J. Gallagher  
Marketing

• Amber R. Geolat+  
Business Administration

• Isaiah G. Gerads  
Finance

Ryan J. Goodmanson  
Accounting

** Grant A. Gores  
Management Information Systems

** Nell Graham+  
Business Administration

Joseph J. Grant  
Business Administration

Madalyn J. Gries  
Marketing

Gabriel T. Grimesley  
Business Administration

Ryan P. Grindahl  
Marketing

** Kailey S. Groess  
Management

Economics

Business Administration

• Tyler J. Guertin+  
Management

Sydney Guida+  
Business Administration

Public History

Haylee M. Gunderson  
Marketing

Brier E. Gurbolt  
Marketing

• Cole V. Gustafson  
Business Administration

Aron D. Halilovic+  
Hospitality and Event Management

Allison K. Hall+  
Business Administration

Madison A. Hannah  
Business Administration

** Ray C. Hanson  
Finance

Isabella V. Harmoning  
Finance

Braden Hart  
Business Administration

** Wyatt M. Herzog+  
Accounting

Carter Hietala+  
Business Administration

*** Garret D. Hill  
Business Administration

Keeley Holm  
Marketing

*** Nicole G. Hoogland  
Finance

Nicholas Hubbard+  
Business Administration

** Makenna M. Hufford  
Marketing
Leyton R. Hugger  
** Cum Laude  
Finance

** Leo E. Ipsen+  
Marketing

** Alex P. Jacobson  
Magna Cum Laude  
Finance

Jon Jacobson+  
Summa Cum Laude  
Management Information Systems

** Leah R. Jans  
Cum Laude  
Marketing

Alex B. Janssen+  
Magna Cum Laude  
Finance

** William M. Jirik  
Summa Cum Laude  
Management Information Systems

Dylan F. Johanning  
Summer Candidate  
Finance

Maxwell D. Johnson  
Business Administration

Parker L. Johnson+  
Business Administration

Hayden Johnston+  
Business Administration

Tyler J. Kath  
Business Administration

Marketing

Shelbi J. Keller  
Marketing  
Finance

* Casey D. Kennell  
Marketing  
Finance

** Jacob Kinzler  
Accounting  
Finance

Aaron J. Klein  
Magna Cum Laude  
Accounting

** Madeline Knobbe  
Business Administration

Matthew M. Kraft  
Business Administration  
Finance

** Travis Kunkel  
Management Information Systems  
Magna Cum Laude

Molly R. Lamp+  
Business Administration  
Management

James I. Larson  
Business Administration  
Magna Cum Laude

Robert T. Lawler  
Business Administration  
Finance

Elizabeth A. Lawson  
Business Administration  
Finance

Katelyn M. Leathers  
Supply Chain Management  
Magna Cum Laude

Eric J. LeBrasseur  
Management Information Systems  
Business Administration

Bret T. Leitch+  
Supply Chain Management  
Accounting

Bradi S. Leshovsky  
Business Administration  
Marketing

* Taylor R. Leshovsky  
Management  
Accounting

** Lydia B. Lindgren  
Management Information Systems  
Finance

Michael P. Livingston  
Business Administration  
Marketing

Brett D. Luers+  
Supply Chain Management  
Marketing

David Lukens  
Marketing  
Marketing

Dylan Maetzold  
Business Administration  
Marketing

Payton Mages  
Business Administration

Zachary K. Mahin  
Business Administration  
Finance

Joshua T. Mallow  
Business Administration  
Finance

Jan A. Manalo  
Business Administration  
Management Information Systems

Blake H. Manthe  
Business Administration  
Finance

Jack W. McMahon  
Business Administration  
Marketing

Jackson A. Melquist+  
Business Administration  
Marketing

** Hunter E. Merkley  
Business Administration  
Finance

Grace M. Meschke+  
Business Administration  
Management

Jacob E. Meyer  
Business Administration  
Marketing

Grayce Mickelson  
Business Administration  
Marketing

Camden Miller  
Business Administration  
Marketing

Lily E. Miller  
Business Administration  
Management

Kaitlyn M. Mohler  
Business Administration  
Management

Devyn R. Morris  
Business Administration  
Management

* Marshall Motter  
Business Administration  
Management

** Kenna L. Munson  
Business Administration  
Finance

Adna Mustafic  
Business Administration  
Finance

David C. Navratil  
Business Administration  
Supply Chain Management

William Nels  
Business Administration  
Supply Chain Management

Aleah D. Nelson  
Business Administration  
Marketing

Raja Nelson  
Business Administration  
Marketing

Christopher P. Nguyen  
Business Administration  
Marketing

Nicholas J. Nuelle  
Business Administration  
Management Information Systems

Jessa L. Okeson+  
Business Administration  
Management Information Systems

Jose Ortega  
Business Administration  
Management Information Systems

Bryan Ortiz+  
Business Administration  
Management Information Systems

Jackson A. Palmer  
Business Administration  
Marketing

Raimey Pastorek  
Business Administration  
Marketing

Samuel R. Peterson  
Business Administration  
Finance

Jaxie Pogorelc  
Business Administration  
Finance

Brady J. Ponting  
Business Administration  
Marketing
<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
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<tbody>
<tr>
<td>Kelly A. Pratt</td>
<td>Business Administration</td>
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<td>Shaopeng Qi+</td>
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<td>Nicholas J. Streitz+</td>
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<td>Kaylee G. Svee</td>
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<td>Samantha A. Tate</td>
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<td>Anthony James Tschida+</td>
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<td>Halsten D. Thompson</td>
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<td>Dalton J. Tieman+</td>
<td>Business Administration</td>
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<td>Brooke E. Topp</td>
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<td>Kade Trottier</td>
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<tr>
<td>Benjamin Troumbly+</td>
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<td>Jacob Van Dusseldorp</td>
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<td>Jeremy S. Vig</td>
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<tr>
<td>Brady M. Vogt</td>
<td>Management Information Systems</td>
</tr>
</tbody>
</table>
COLLEGE OF ENGINEERING

Candidates will be presented by Interim Dean Alan Kallmeyer and marshaled by Scott Pryor and student marshal Dawson Galde.

DOCTOR OF PHILOSOPHY

Shadi M. Alian+ Computer Science
“Self-Care System for Diabetes Patients of American Indians: Case Study for Smart and Connected Health Using Artificial Intelligence and the Internet of Things”
Advisors: Juan Li

Maryam Sadat Amiri Tehrani Zadeh
Computer Science
“AI Approaches in Personalized Meal Planning for a Multi Criteria Problem”
Advisors: Juan Li

Ibrahim Bello Agricultural and Biosystems Engineering
“Development of Soybean formulate and bioprocessing for Biological Ammonia production”
Advisors: Ademola Hammed

Chanaka Sampath Cooray Bulathsinghalage
Computer Science
“Computational Methods for Bulk and Single-cell Chromatin Interaction Data”
Advisors: Lu Liu

Charles P. Fabijanic Mechanical Engineering
“Characterization of Supersonic Glass Nozzles for Use in Advanced Flow Diagnostic Methods”
Advisors: Jordi Estevadeordal

Sarah Ghazanfari Civil Engineering
“Multiscale Modeling of Nano-Clay: Exploring their Thermomechanical and Interfacial Behaviors”
Advisors: Wenjie Xia

Mary E. Godfrey Biomedical Engineering
“A Microstrip Transmission Line RF Biosensor: a Biosensing Device to Measure the Interaction Between Microliter Aqueous Solutions and Radio Frequencies”
Advisors: Daniel Ewert

Rasha A. Hendawi+ Software and Security Engineering
“Using Semantic Knowledge to Enhance Healthcare”
Advisors: Juan Li

Md. Sanaul Huda+ Agricultural and Biosystems Engineering
“Characterization and Optimization of Corn Oil Methyl Ester Production and the Refining Process of Distillers Corn Oil”
Advisors: Ewumbua Monono

MD Zahirul Islam Mechanical Engineering
“Light-Assisted 3D Printing of Continuous Carbon Fiber Reinforced Thermoset Composites”
Advisors: Chad Ulven

Rehnuma Maisha+ Agricultural and Biosystems Engineering
“Comparison of Soil Moisture Sensors for Irrigation Water Management”
Advisors: Dean Steele

Nimish V. Mathure+ Electrical and Computer Engineering
“Hardware Security and Formal Verification”
Advisors: Sudarshan Srinivasan
Wenjian Nie+ Civil Engineering
“Molecular Modeling of Nanocomposites Towards Understanding Dynamics, Relaxation and Thermomechanical Properties”
Advisor: Wenjie Xia

Kushal Kumar Ponugoti Electrical and Computer Engineering
“Formal Verification for Hardware Trojan Detection”
Advisor: Sudarshan Srinivasan

Md Mozammal K. Raju+ Electrical and Computer Engineering
“Impact on Ionic Conductivity and Activation Energy of Single and Multiple Doped LLZO; Finding an Inexpensive Transition Metal Nitrogen Embedded Into Titanium Carbide Base for Durable HER Activity”
Advisor: Qifeng Zhang

William J. Refling Mechanical Engineering
“Experimental Investigation of Passive and Active Flow Control Strategies for Unsteady Aerodynamics”
Advisor: Jordi Estevadeordal

Katherine A. Roth Industrial and Manufacturing Engineering
“Implementing Industry 4.0: a Study of Socio-Technical Readiness Among Manufacturers in Minnesota and North Dakota”
Advisor: Kambiz Farahmand

Mahek Sadiq Biomedical Engineering
“2D Nanomaterial, Ti3C2 Mxene-Based Scaffold Sensor for Cancer Detection and Tissue Engineering.”
Advisor: Danling Wang

Li Shang Civil Engineering
“Artificial Intelligence-Empowered Signal Processing and Structural Diagnosis for Metallic Pipelines and Other Civil Structures”
Advisor: Zhibin Lin

Ishan M. Subedi+ Software and Security Engineering
“Using Natural Language Processing Techniques to Automate and Improve the Quality of Software Requirements”
Advisor: Muhammad Zubair Malik

James M. Willenbring Software and Security Engineering
“Using Complexity Metrics to Support Sustainability of Computational Science and Engineering Software: Results from a Family of Empirical Studies”
Advisor: Gursimran Wala

Ratna D. Yasoda Civil Engineering
“Integrity of Wire-Arc Sprayed Zinc-Aluminum Coatings on Steel Under Aggressive Chemical and Thermal Environments”
Advisor: Ying Huang

MASTER OF CONSTRUCTION MANAGEMENT
Nemar Z. Anam

Abhirup Chanda
Computer Science
Shamima Tasneem Chowdhury+ Agricultural and Biosystems Engineering
Sifat Karim Chowdhury
Mechanical Engineering
Savannah Drey+
Mechanical Engineering
Robert M. Fedor+
Computer Science
Margaret W. Githua
Software and Security Engineering
Bigya Gyawali
Civil Engineering
Joel G. Hedløf
Mechanical Engineering
Matthew P. Hustings
Computer Science
Marwa N. Jarada
Computer Science
Avery L. Jorgensen
Mechanical Engineering
Sangeet Karna+
Mechanical Engineering
Wijesinghe S. Karunarathna
Mechanical Engineering
Lee Kohlin+
Mechanical Engineering
Venkata Bhavana Koppapur
Computer Science
Yongchao Ma
Computer Science
Srabana Maity+
Electrical and Computer Engineering
Md Ochiuddin Miah
Computer Science
Dylan J. Miska
Computer Science
Gaurav Naib+
Computer Science
Soraya E. Nevin
Biomedical Engineering
Tam T. Nguyen+
Civil Engineering
Daniel G. Nygard
Software and Security Engineering
Thinh H. Phan
Electrical and Computer Engineering
Paula G. Pickett
Mechanical Engineering
Mahendra Reddy Pilli
Computer Science
Jacob A. Reinholz
Mechanical Engineering
Jonathan Rivard+
Computer Science
Benjamin D. Rybacki
Computer Science
Nitesh Shanka+
Computer Science
David J. Smith
Mechanical Engineering
Sarah Talebzadeh
Electrical and Computer Engineering
Chengyao Tang
Computer Science

MASTER OF SCIENCE
Syed Fateen Ahmed+
Electrical and Computer Engineering
Md Al-Amin
Computer Science
Ridhanya Sree Balamurugan+
Electrical and Computer Engineering

* Cum Laude  ** Magna Cum Laude  *** Summa Cum Laude  + Summer Candidate
Julian E. Thrash
Electrical and Computer Engineering
Preston D. Wilson∗
Agricultural and Biosystems Engineering

MASTER OF ENGINEERING
Brandon M. Neri
Electrical and Computer Engineering

MASTER OF SOFTWARE ENGINEERING
Zachariah K. Dean∗
Nicholas C. Jenson
Allan A. Pirillis
Christina A. Wofford

BACHELOR OF ARTS
Zachary D. Buck
Computer Science
Marisa A. Rose
Computer Science
Kpenabari K. Taoh
Computer Science

BACHELOR OF SCIENCE
Ren B. Aamodt
Computer Science
Ebenezer E. Alomenu
Computer Science
Andrew L. Amell
Computer Science
Madison Ashbach
Computer Science
Mathematics
Lance R. Balstad
Computer Science
Brian J. Beutz
Computer Science
Carter Buchta
Computer Science
Neal J. Buerman
Computer Science
Logan T. Dusek∗
Computer Science
Steven Eddy
Computer Science
Statistics
Michael D. Faust
Computer Science
Robert M. Fedor
Computer Science
Amanda P. Fetzer
Computer Science
Cole M. Gartner
Computer Science
Brandon Gasser
Computer Science
Camron V. Glassmann
Computer Science
Elijah D. Gray
Computer Science
Brandon J. Grossman
Computer Science
William V. Grube
Computer Science
Matthew E. Hritzko
Computer Science
Bohdan Ivanshyshyn
Computer Science
Levi A. Iverson
Computer Science
Samuel R. Janhonen
Computer Science
Aaron Janssen
Computer Science
Blake T. Johnston
Computer Science
Carson R. Keeping
Computer Science
Clayton Klemm
Computer Science
Sean L. Kresien-Bunker
Computer Science
Alexander J. Lorentz
Computer Science
Jack Lyrek
Computer Science
Skylar J. Markegard
Computer Science
Tanner Marthaler
Computer Science
Zachary J. Mitzel
Computer Science
Sokiri A. Monokajo
Computer Science
Tshibola Ngoyi
Computer Science
Tyler J. Paulson
Computer Science
Nafis A. Piyal
Software Engineering
Deborah Pompa
Computer Science
Lucia A. Potter
Computer Science
Logan Rachey
Computer Science
Dylan A. Rangel
Computer Science
Jake C. Riley
Computer Science
Jonathan Rivard
Computer Science
Jack D. Sherven
Computer Science
Skyler Skees
Computer Science
Darius Smith
Computer Science
William M. Sokosoda
Computer Science
Harrison B. Swift
Computer Science
Le Yang Tan
Computer Science
Dylan T. Uphus
Computer Science
Caleb J. Wright
Computer Science
BACHELOR OF SCIENCE
AGRICULTURAL AND
BIOSYSTEMS ENGINEERING
Li Ian Koh
Cole W. Nissen
Brady M. Serie+
Wyatt P. Thorson
Hannah R. Voigt
Cameron A. Wake
Maison R. Zimmer

BACHELOR OF SCIENCE
CIVIL ENGINEERING
Trevor J. Anderson
Kathryn J. Barna
Justin D. Crandall
Katrina L. Dietz
Christopher M. Duke
James P. Erickson
Jared S. Fitterer
Logan Fridge
Carter T. Jones
Matthew R. Kasella
Addie Lipetzky
Quincy G. Miller
Jordan P. Miranda
Weston Mitchell
Maxwell Olson
Brett T. Overvold
Mateo Ramirez
Colby D. Rance
Michael Salwei
Makayla Schilling
Carter Schoneberg
Pearce J. Skwira
Cooper L. Snyder
Matthew Tolifson
Nicholas L. Verwey
Kathleen Villeneuve
Benjamin Werner
Payton M. Wetzel
Kane J. Wisnewski

BACHELOR OF SCIENCE
COMPUTER ENGINEERING
Ismail Soliman Aly
Madison Ashbach
Trevor T. Bertram
Brandon C. Jahn
Jacob S. Koshiol
Jericho D. Limke
Luis Maria
Brandon T. Olson
Vincent G. Rose
Eric Schmieg
Ethan C. Severson
Oscar Siocha
Nathan J. Thiner
Aaron J. Weyer
Karina D. Whaley

BACHELOR OF SCIENCE
CONSTRUCTION ENGINEERING
Connor Coenen
Elijah J. Dale
Jared E. Dick
Nicholas R. Olien
Gary L. Phelps
Adam R. Thompson
Charles M. Vance

BACHELOR OF SCIENCE
CONSTRUCTION MANAGEMENT
Christopher R. Anderson
Matthew J. Asche
Logan R. Beilke
Riley J. Bryant
Nash P. Dahlheimer
Cole S. Ehrke
Allison M. Eickmeyer
Joseph K. Fernstrom
Cutler A. Ferris
Trent Folit
Michael J. Forseen
Barak Gartner
Cole F. Gerber
Dylan J. Gietzen
Noah S. Grant+
Benner W. Homan
Kyle G. Jacobson
Jeremy J. Knight
Tye J. Lebahn+
Max J. Loosbrock
Thomas J. Lothspeich
Tyler J. Martin
Brooks A. Martinson
Zachary T. McCormick
Hollie A. McFarlin+
Owen Mears
Mitchell M. Mehr
Alexander J. Morgan
Samuel R. Olson
Kate M. Pelarski
Derek J. Peterson
Alex R. Reader+
Devin E. Roberts
Brody M. Schultz
Keegan A. Shimley
Maria K. Sornsin
Riley A. Stencel
Dylan T. Stradling
Braxton W. Ulrich
Anissa S. Walker
Matthew C. Wehe
Ian J. Ziebarth
Austin J. Zurn

* Cum Laude       •• Magna Cum Laude       ••• Summa Cum Laude       + Summer Candidate
BACHELOR OF SCIENCE
ELECTRICAL ENGINEERING
Rishab G. Advani
Isaac K. Blazek
• William L. Dezurik
** Beth Dittberner
Jordan M. Frethem
Anna Gieser
Ruben Graciano-Ruíz
Donovan D. Guest
Samson J. Hagen
Kieran G. Hammer
• Zachary R. Hass
** Jack A. Johnson
Shyanne Jones+
** Tanner J. Kempf
Macy A. Krueger
Logan M. Massee
Max J. Nelson
** Aaron S. Rameiier+
Kristofer T. Robison
Samuel A. Swanson+

BACHELOR OF SCIENCE
ENVIRONMENTAL ENGINEERING
• Kira Eliason
** Hannah J. Everett
** Nicholas L. Verwey
Kathleen Villeneuve
• Thomas M. Zupko

BACHELOR OF SCIENCE
INDUSTRIAL ENGINEERING AND MANAGEMENT
** Benjamin S. Asheim
Zachary S. Buschena
Andrew P. Herrboldt+
Courtney T. Halter
Anders B. Johnson
Benjamin J. Joy
Daniel J. Katzenmeyer
Megan R. LaLonde
Bryson K. Lund
• Luke V. Nathe
Gabrielle E. Ott
** Benjamin Ramlar
Mitchell K. Rogers
** Blake G. Schmidt
** Jacob M. Schwarz
** Matthew Scott

BACHELOR OF SCIENCE
MANUFACTURING ENGINEERING
Jacob R. Anderson+
Henry L. Derks
James J. Frischman
Alexander T. Kleich
• Wyatt S. Kluver

BACHELOR OF SCIENCE
MECHANICAL ENGINEERING
*** Jacob D. Bear
Elizabeth Beckstrom
Tanner J. Bernhardson
Brian J. Bloms
• August Bubliauskas
Benjamin A. Buchert
Joseph J. Cadry
*** Kaleb C. Carson
Kyle J. Conway
*** Carter Daly
** Connor F. Dilse
Carter Ehlers
Terick S. Frazer
** Gavin T. Fredrichs
* Alexander D. Geer
Mitchell H. Gutzkow
Caleb J. Hagen
*** Cole Herbel
• Seth D. Hernandez
Benjamin A. Herrera
• Alex L. Hoang
• Nathan J. Hoffman
Katherine E. Hollikko
Daniel C. Howman
Tanner J. Huber
Spencer E. Imholte
Sarah Juuetten
Justin D. Kettleson
Garett B. Klavon
Lawson A. Kraft
Trevor D. Kramer
Jack A. Krupich+
Brandon L. Larson
• Robert Lokken
Isaac T. Maki
Brady A. Malecha
** Jena Marcolina
• Maxwell P. Mazzei
• Merrick M. Meyer
Alesha Moss
Jared K. Motschenbacher
Elizabeth Murray
Lincoln W. Nash
• Caleb N. Nelson
Cody D. Nulph
Cole D. Ogren
Michael D. Overbo
David M. Pearson
Benjamin J. Peterson
** Hunter M. Pickerigin
Nathan A. Pike
• Samuel J. Pletan
Eric Reinke
Riley J. Reitmeier
Michael H. Rodriguez
Joseph J. Rowland+
*** Enoch D. Satrom
** Brandyn Scegura
Thomas F. Schaeubauer
Christopher A. Schlecht
Christian J. Schlosser
Melanie Schluender
*** Noah L. Schmidt

• Cum Laude       ** Magna Cum Laude       *** Summa Cum Laude       + Summer Candidate
Calvin J. Schochenmaier  
Nikoli Schoenborn  
Tucker J. Schrapp  
Andrew M. Schumacher  
Matthew D. Stanczak  
Jacob A. Sundberg  
Tristan Teason  
Nolan Urahn  
Kyle Vonasek  

Ethan J. Werner  
Thomas J. Wirhuski  
Tyler R. Wright  

** DEGREE AWARDED  
POSTHUMOUSLY  
Ross Allmaras  
Mechanical Engineering

COLLEGE OF HEALTH AND HUMAN SCIENCES

Candidates will be presented by Interim Dean Ronald Werner-Wilson and marshaled by Carla Gross and student marshal Katie Ferrand.

DOCTOR OF NURSING PRACTICE

Austin Anderson  
“Improving Caregiver Burden for Professional Caregivers of Dementia Patients”  
Advisor: Dean Gross

Kanchan Bhattarai  
“A Practice Improvement Project Improving Tobacco and Nicotine Dependence Treatment Education in Doctor of Nursing Practice Program”  
Advisor: Kelly Buettner-Schmidt

Brooke D. Campbell  
“Implementation of Interprofessional Education: Respiratory Management in Amyotrophic Lateral Sclerosis”  
Advisor: Heidi Saarinen

Sierra M. Entzel  
“An Assessment of Barriers to Nurse Practitioners’ Utilizing Pharmacogenetic Testing for Depression”  
Advisor: Carrie Nelson

Amanda Fechner  
“Adolescent Obesity Pathway: Updating Clinical Practice Guidelines in Primary Care”  
Advisor: Mykell Barnacle

Mary O. Habib  
“Assessing Burnout and Resiliency in Doctor of Nursing Practice Students”  
Advisor: Carrie Nelson

Megan Harrington  
“Developing a Modified Diabetes Education Project in a Global Health Setting”  
Advisor: Dean Gross

Faune L. Himmelspach  
“Colorectal Cancer Education: Utilization of an Inflatable Colon and Small Media at a Health Fair in Central North Dakota”  
Advisor: Kerri Benning

Madeline K. Iversen  
“Healthcare Professionals’ Education Regarding Human Trafficking Identification and Resources”  
Advisor: Heidi Saarinen

Morgan L. Kautzmann  
“Improving Care of Pregnant Women Through Provider Education of Group Prenatal Care”  
Advisor: Allison Peltier

Jessica L. Kurtz  
“Advance Care Planning: Implementing Online Education for Rural Primary Care Providers”  
Advisor: Kerri Benning

Nora C. Mettler  
“Childhood Obesity Conversations: Motivational Interviewing for the Brief Primary Care Visit”  
Advisor: Heidi Saarinen

Sarah A. Nielsen  
“Pediatric Preparedness in a Rural Health System”  
Advisor: Dean Gross

Katherine Okeeve  
“Associations Between Human Papillomavirus Vaccine Hesitancy and Resistance and Social Media Engagement”  
Advisor: Allison Peltier

Hayli J. Ova  
“Dermoscopy Education to Improve Provider Confidence in Skin Cancer Identification”  
Advisor: Dean Gross

Chirsann Richter  
“Mental Health: Implementation of the SMHAT-1 Tool to Screen for Mental Health Concerns Among Collegiate Athletes Attending a Midwestern University”  
Advisor: Mykell Barnacle

Morgan F. Schneider  
“Initiation of an Adolescent School-Based Electronic Nicotine Delivery System Prevention Program”  
Advisor: Dean Gross

Stephanie L. Slivnik  
“Emergency Provider Education for Management of Patients with Suicidal Ideation in Rural Minnesota”  
Advisor: Heidi Saarinen
Anna L. Stibral
"Preconception and Prenatal Care: Assessing and Influencing Knowledge, Attitudes, and Intentions in Women of Childbearing Age"
Advisor: Allison Peltier

DOCTOR OF PHILOSOPHY
Kishore Chittimalli+ Pharmaceutical Sciences
"Amandine/Mas Related G-Protein-Coupled Receptor Member D (MrgD) Pharmacology in the Gut-Bone Marrow Axis in Aging"
Advisor: Yagna Jarajapu

Amy L. Geinert Counselor Education and Supervision
"School Counselors and their Use of Short-Term Movement in Counseling Sessions"
Advisor: Carol Buchholz Holland

Steven R. Giddens Counselor Education and Supervision
"Embarking on the Analytical Odyssey: a Phenomenological Exploration of the Psychoanalytic Journey of Formation"
Advisor: Jodi Tangen

Emily E. Kinkade+ Developmental Science and Gerontology
"Ambivalent Ageism Among Service Providers and Informal Caregivers"
Advisor: Heather Fuller

Michael Kjellerson Health, Nutrition, and Exercise Science
"Therapeutic Ultrasound: Providing an Educational Intervention on Best Practice Techniques and their Implications"
Advisor: Shannon David

Lindsey J. Leitner+ Counselor Education and Supervision
"Mamal Method of Supervision"
Advisor: Jodi Tangen

Robert O. Lester+ Counselor Education and Supervision
"Moral Dilemmas, Moral Agents: a Conversation Analysis of David Epston's Narrative Therapy"
Advisor: Jodi Tangen

Terriann Muller Dahlberg Counselor Education and Supervision
"The Relationship Between Attachment Styles, Adverse Childhood Experiences, and Generalized Anxiety Symptomology Among Counselors-in-training"
Advisor: Todd Lewis

John Perez Counselor Education and Supervision
"Currently Untitled, but will be Studying Assemblies of God Pastors in the Midwest Region and their Attitudes Toward Mental Illness"
Advisor: Carol Buchholz Holland

Riddhi J. Trivedi Pharmaceutical Sciences
"Dual Functionalized Polymeric Nanoparticles Encapsulating Emtricitabine and Bictegravir for Delivery Across the Blood Brain Barrier for the Management of HIV Associated Neurocognitive Disorders (HAND)"
Advisor: Jagdish Singh

DOCTOR OF PHARMACY
Habiba A. Afifi
Kyle T. Allbee
Conner J. Armstrong
Alison Bailey
Baylee J. Berg
Alli Bushaw
Brooke E. Busse
McKayla R. Christianson
Gena L. Cornelius
Joy Dahlen
Crystal Y. Deng
Adam J. Dufner
Sydney Dykhuizen
Kinsey L. Erickson
Onyekachukwu O. Eyiomegwu
Ryan S. Fernholz
Mohammad F. Gaal
MaKayla L. Geyen-Helget
Rachel L. Grande
Benjamin J. Grant
Jenna L. Hahn
Sara M. Hoag
Kyle P. Holstein
Tristan A. Houle
Madelyn J. Johnson
Noah J. Johnson
Leandre R. Kalhagen
Daniel M. Kennedy
Tanya Le
Nathan T. Lee
Paige A. Litzau
Audrey E. Long
Leah J. Lowenberg
Kpah C. Matadi
Tori C. McDougald
Brian R. Meissner
Sidney R. Milbrandt
Lyvia M. Moser
Faith E. Nelson
Joshua Nelson
Ellisha A. Pastorek
Alexa A. Ruehle
Alec J. Sanders
Jaxson D. Schmalzl
Cadyn S. Schock
Erik J. Sjursen
Anna Skarphol
Mackenzie L. Snyder
Charles M. Tademy
Whitney K. Thomas
Myhien T. Tran
Allison P. Welsh
Kayla M. White
Sarah A. Wirz
Rose P. Yang
Shinoby Yang
Hanwei Zhou
MASTER OF ATHLETIC TRAINING
Tyler J. Guckeen
Katie A. Nielsen*
Trekyn J. Pfaff

MASTER OF EDUCATION
Ashley K. Bonn
Counseling
Riley Gira
Counseling
Kylie E. Gullickson
Counseling
Marion Harris
Counseling
Reganne M. Heger
Counseling
Elizabeth J. Lembke
Counseling
Madison Moch
Counseling
Jadin L. Norby
Counseling
Mesa V. Potts
Counseling
Kayle E. Sraedler*
Counseling
Kayci S. Tallakson
Counseling
Rachana T. Wright
Counseling

MASTER OF SCIENCE
Alvaro Alvarez Carrasco
Health, Nutrition, and Exercise Science
Sarah Andrew
Health, Nutrition, and Exercise Science
Brandon D. Benth
Health, Nutrition, and Exercise Science
Jordan Bentz
Human Development and Family Science
Terezia Bolibruch
Health, Nutrition, and Exercise Science
Jacob Chavez
Health, Nutrition, and Exercise Science
Connor J. Copeland
Health, Nutrition, and Exercise Science
Samantha L. FitzSimmons
Health, Nutrition, and Exercise Science
Andrew Garner
Health, Nutrition, and Exercise Science
Deegan Gearding
Health, Nutrition, and Exercise Science
Jayson C. Gregory*
Health, Nutrition, and Exercise Science
Delowar Hossain
Pharmaceutical Sciences
Eric Ihde*
Health, Nutrition, and Exercise Science
Eliza K. Johnson
Health, Nutrition, and Exercise Science
Olivia M. Kallies*
Human Development and Family Science
Kelly R. Knoll
Health, Nutrition, and Exercise Science

Joseph D. Koenecke
Health, Nutrition, and Exercise Science
Brandon J. Lewis*
Health, Nutrition, and Exercise Science
Michael Lyons
Health, Nutrition, and Exercise Science
Alexandria E. Maples
Health, Nutrition, and Exercise Science
Tiffany D. McCoy
Health, Nutrition, and Exercise Science
Claire Miner
Health, Nutrition, and Exercise Science
Tyler Prasnicki
Health, Nutrition, and Exercise Science
Daniel Sharrah
Health, Nutrition, and Exercise Science
Sara Simenson
Counseling
Jenna Sulka
Health, Nutrition, and Exercise Science
Fue Yang
Human Development and Family Science

MASTER OF PUBLIC HEALTH
Holly A. Allen
Daniel Martin
Lisa J. Meader
Doreen A. Odera
Tahni Parisien

MASTER OF PUBLIC HEALTH
IN EPIDEMIOLOGY
Mohammed Najeeb Abed Abed
Adebanjo Adeyeye*
Juliana Antwi
Cristalyne Bell*
Uchenna C. Chijioke-Ofoma*
Hattie F. Conklin
Kianna E. Dufault
Danielle G. Ginther
Surbhi Gupta*
Iyobosa S. Omorogie*
Olivia Persinger
Samuel F. Saidu
Benjamin F. Springer
Trevor S. Theurer

BACHELOR OF SCIENCE
Hailey N. Abrahamson
Human Development and Family Science
Ardelsham A. Adam II
Health Services
Isabell S. Appalasin
Health Services
• Elianna Aiits
Nutrition Science
Lojain A. Al Zenad
Radiologic Sciences
Bria J. Amundson
Radiologic Sciences
Aleah L. Anderson
Human Development and Family Science
Cambrie L. Anderson
Human Development and Family Science

• Cum Laude •• Magna Cum Laude ••• Summa Cum Laude • Summer Candidate
Erin M. Anderson*  
Radiologic Sciences

Hannah M. Anderson  
Human Development and Family Science

Sydney E. Anderson*  
Radiologic Sciences

Vincent L. Anderson  
Sport Management

• Hannah Andrews  
Pharmaceutical Sciences

Samantha R. Anklam  
Radiologic Sciences

Philip Azanu-Soetor  
Pharmaceutical Sciences

* Hannah E. Bailly  
Human Development and Family Science

• Sydney M. Barnell  
Exercise Science

*** Joshua Batesole  
Exercise Science

Chandra L. Bauck  
Human Development and Family Science

* Zach J. Belk  
Radiologic Sciences

Baillee M. Berg  
Human Development and Family Science

** Maren Berntson  
Exercise Science

Brita L. Birkeland  
Nutrition Science

*** Kennedy Black  
Exercise Science

*** Cori Bonik  
Pharmaceutical Sciences

*** Taylor L. Brandenburg  
Human Development and Family Science

Abigail C. Brekhus  
Radiologic Sciences

• Rachel K. Brenden  
Pharmaceutical Sciences

Jaden M. Breth  
Human Development and Family Science

Mercedes M. Brown  
Human Development and Family Science

* Elijah S. Buchholz  
Exercise Science

Damianna H. Byerly  
Human Development and Family Science

Marieelle Campbell  
Human Development and Family Science

Caleb J. Carlisle  
Sport Management

*** Nathan T. Carlson  
Pharmaceutical Sciences

*** Emily Christensen  
Radiologic Sciences

** Eva J. Churchill  
Exercise Science

*** Drew A. Coalwell  
Exercise Science

Grace D. Collins  
Human Development and Family Science

Elizabell Delgado  
Pharmaceutical Sciences

London E. Dietrich  
Exercise Science

*** Michael J. DiNardo III+  
Radiologic Sciences

Katherine C. Dittmann  
Human Development and Family Science

Jillian S. Dollinger  
Human Development and Family Science

Faith M. Dominick  
Human Development and Family Science

*** Zoe Doscher  
Human Development and Family Science

Joseph Dotty  
Sport Management

* Kate E. DuFaut  
Human Development and Family Science

*** Varissa R. Dumas-Rector  
Human Development and Family Science

*** Mikayla R. Eisenschenk  
Human Development and Family Science

Joseph W. Ekstrom  
Pharmaceutical Sciences

* Makayla D. Evanger*  
Radiologic Sciences

Dayne M. Evans  
Human Development and Family Science

Abigail Faulkner  
Human Development and Family Science

*** Samuel Fernholz  
Exercise Science

Emma A. Fike  
Radiologic Sciences

** Elise Fischer  
Radiologic Sciences

Hannah E. Flaa  
Human Development and Family Science

Jennifer J. Flaten  
Radiologic Sciences

Aaliyah M. Foertsch+  
Radiologic Sciences

** Lydia Fortin  
Radiologic Sciences

Hannah E. Fried  
Human Development and Family Science

*** Taylor R. Garrett  
Pharmaceutical Sciences

** Cheyenne Gillespie  
Pharmaceutical Sciences

Luke H. Goettel  
Sport Management

Courtney M. Gould+  
Radiologic Sciences

*** Autumn G. Grasswick  
Pharmaceutical Sciences

*** Savannah J. Green  
Sport Management

* Logan J. Guenterberg  
Sport Management

Brianna L. Haley+  
Human Development and Family Science

** Nakayla L. Halmrast  
Human Development and Family Science

Madalyne K. Halverson  
Health Services

** Rylee R. Halvorson  
Human Development and Family Science

Emma C. Hanson*  
Human Development and Family Science

Madison M. Hanson  
Human Development and Family Science

Kaylee J. Harles  
Human Development and Family Science
• Allie M. Hebl†  
Pharmaceutical Sciences  
Abigail L. Heggeness  
Human Development and Family Science  
** Mary E. Heil  
Human Development and Family Science  
*** Halli Heimbuch  
Nutrition Science  
Erin Hennen  
Radiologic Sciences  
*** Mallory K. Henriksen  
Pharmaceutical Sciences  
Taylor G. Henry  
Human Development and Family Science  
• Allison R. Hilde  
Human Development and Family Science  
• Kellen J. Hinsz  
Exercise Science  
• Ella P. Holtberg‡  
Human Development and Family Science  
• Kaitlyn J. Houle  
Human Development and Family Science  
** Taylor B. Ilg  
Human Development and Family Science  
** Laken Jacobson  
Exercise Science  
*** Kenzie R. Jacques  
Human Development and Family Science  
• Isabell H. Jensen†  
Radiologic Sciences  
*** Josh Johannes  
Radiologic Sciences  
Adreann M. Johnson  
Health Services  
Erin M. Johnson†  
Radiologic Sciences  
Olivia J. Johnson  
Human Development and Family Science  
*** Rylie Johnson  
Pharmaceutical Sciences  
Taylor N. Johnson  
Human Development and Family Science  
• Olivia M. Kallies  
Human Development and Family Science  
Stephanie M. Kanipe  
Human Development and Family Science  
** Allie M. Kappenman  
Human Development and Family Science  
Raegan R. Kath  
Human Development and Family Science  
Kendra A. Kelley  
Human Development and Family Science  
Kayla M. Kidder  
Sport Management  
** Jacob Kieser  
Exercise Science  
** Kendra Kisner  
Nutrition Science  
** Abigail M. Klamann  
Exercise Science  
*** Brock E. Klimmek  
Pharmaceutical Sciences  
* Hailey E. Knoll  
Radiologic Sciences  
** Khiana J. Knuth  
Human Development and Family Science  
Clairice A. Kowalke  
Radiologic Sciences  
** Kendra Kremer  
Human Development and Family Science  
Elizabeth M. Krogen  
Human Development and Family Science  
*** Tori Kuper  
Pharmaceutical Sciences  
* Matthew Langford  
Exercise Science  
Abby Lech†  
Pharmaceutical Sciences  
** Julia Lee  
Medical Laboratory Science  
Kennedi M. Leino  
Human Development and Family Science  
*** Alexia Lekander  
Human Development and Family Science  
Sydney R. Lepel  
Radiologic Sciences  
** Morgan E. Lesteborg  
Pharmaceutical Sciences  
*** Taiha M. Lick  
Human Development and Family Science  
** Sydney M. Lider  
Medical Laboratory Science  
** Reese M. Lightenberg  
Sport Management  
Isabelle Lorenz  
Medical Laboratory Science  
Allyson L. Luthi  
Pharmaceutical Sciences  
** Jason V. Ma  
Pharmaceutical Sciences  
** Jocelynn R. Madeke  
Radiologic Sciences  
Genevieve E. Madison  
Radiologic Sciences  
Julia Maree O. Manalo  
Human Development and Family Science  
Skyler J. Manney  
Human Development and Family Science  
• Emily K. Manton  
Radiologic Sciences  
• Ashley Mauland  
Medical Laboratory Science  
• Benjamin D. Mayer  
Medical Laboratory Science  
Kaylee A. McClary  
Human Development and Family Science  
** Olivea McDonald  
Medical Laboratory Science  
** Ange S. Mensah  
Pharmaceutical Sciences  
Amber L. Messer  
Radiologic Sciences  
Hailey Miletto  
Human Development and Family Science  
Ryan T. Milhausen  
Exercise Science  
• Jenna L. Mittelstaedt  
Human Development and Family Science  
Elom K. Mlapa  
Medical Laboratory Science  
Jordan Moe  
Medical Laboratory Science  
• Keira L. Moen  
Radiologic Sciences  
• Carissa Mohrman  
Human Development and Family Science
Madison Momerak  
** Human Development and Family Science  
** Marli C. Mueller  
** Human Development and Family Science  
** Joseph Nauer  
Exercise Science  
Jessica L. Nelson  
Human Development and Family Science  
• Matthew Nelson  
Sport Management  
*** Katie A. Nielsen  
Exercise Science  
Lindsey C. Noeske  
Human Development and Family Science  
• Carissa Oberg  
Exercise Science  
Jocelyn E. Ochowicz  
Human Development and Family Science  
Elizabeth M. Olmscheid  
Human Development and Family Science  
*** Breanna M. Olson  
Medical Laboratory Science  
Lily N. Olson  
Human Development and Family Science  
Miranda M. Olson  
Human Development and Family Science  
** Michael T. Omvig  
Pharmaceutical Sciences  
Anansa S. Osei-Mainoo+  
Radiologic Sciences  
• Hannah M. Oslund  
Human Development and Family Science  
** Xavier Pahl  
Pharmaceutical Sciences  
Madisen A. Patten  
Radiologic Sciences  
Sarah Paul  
Human Development and Family Science  
• Graham M. Pelton  
Sport Management  
Alison I. Peterson  
Human Development and Family Science  
Kylee L. Peterson  
Human Development and Family Science  
*** Kaylee M. Poppen  
Pharmaceutical Sciences  
Calle J. Porter  
Human Development and Family Science  
*** Taylor Quan  
Exercise Science  
** Kassandra J. Raasch  
Medical Laboratory Science  
*** Victoria A. Reed  
Pharmaceutical Sciences  
*** Elizabeth G. Reuter  
Human Development and Family Science  
*** Sarah E. Richman  
Pharmaceutical Sciences  
Taylor R. Riedinger  
Pharmaceutical Sciences  
Kelby M. Rinas  
Human Development and Family Science  
*** Corey D. Ringsaker  
Pharmaceutical Sciences  
• Baleigh E. Ripplinger+  
Radiologic Sciences  
Grace L. Robinson  
Human Development and Family Science  
Karlie Robson+  
Health Services  
• Alex W. Roerick  
Radiologic Sciences  
Jada K. Rogers  
Human Development and Family Science  
Rachel E. Ronquist+  
Radiologic Sciences  
• Dylan L. Rose  
Pharmaceutical Sciences  
*** Heather M. Rothenberger  
Pharmaceutical Sciences  
Samantha L. Rustom  
Human Development and Family Science  
Emma E. Sanford  
Exercise Science  
India D. Scalia+  
Human Development and Family Science  
** Josie L. Schafer  
Nutrition Science  
** Jacob J. Schepp+  
Pharmaceutical Sciences  
*** Elle M. Scherfenberg  
Pharmaceutical Sciences  
** Laura A. Scheuring  
Sport Management  
Peter L. Schirrick  
Pharmaceutical Sciences  
• Elena Schmidt  
Health Services  
Kate E. Schmiesing  
Health Services  
*** Sarah Schmitz  
Pharmaceutical Sciences  
Morgan Schopp+  
Radiologic Sciences  
** Makenzie A. Schwalter  
Human Development and Family Science  
*** Natalie J. Schuh  
Pharmaceutical Sciences  
*** Abigail Schulte  
Human Development and Family Science  
Psychology  
Tyler A. Schweigert  
Exercise Science  
** Jaida P. Seyer  
Human Development and Family Science  
Lauren Shekore  
Human Development and Family Science  
** Rebekah G. Sherma  
Human Development and Family Science  
*** Madison F. Shreffler  
Pharmaceutical Sciences  
Tamika M. Silva  
Pharmaceutical Sciences  
*** Leah J. Skaar  
Sport Management  
** Payton K. Smith  
Exercise Science  
Psychology  
• Kole A. Snyder  
Radiologic Sciences  
*** Abbie L. Sobzak  
Radiologic Sciences  
Sarah Stanelle  
Human Development and Family Science  
Indigo H. Stankiewicz+  
Human Development and Family Science

• Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
+ Summer Candidate
• Ana Stecker
  Medical Laboratory Science
• Aubrei Steiner
  Exercise Science
*** Sophia Steiner
  Pharmaceutical Sciences
• Ella L. Stokka
  Radiologic Sciences
*** Emily Stover
  Exercise Science
*** Emily Stueland
  Human Development and Family Science
Jenna Sufka
  Nutrition Science
** Madelyn R. Swanson
  Pharmaceutical Sciences
• Jonathan T. Tinklenberg
  Exercise Science
• Van M. Tran
  Radiologic Sciences
** Phillip J. True
  Pharmaceutical Sciences
*** Jessica D. Undem
  Sport Management
** Halee Uzpen
  Medical Laboratory Science
** Emma R. Vansteevooort
  Human Development and Family Science
Katie A. Vasquez
  Pharmaceutical Sciences
** Nevaeh Vasquez
  Human Development and Family Science
** Janessa M. Volk
  Human Development and Family Science
Natalie L. Yotava
  Radiologic Sciences
*** Allyson C. Waletski
  Pharmaceutical Sciences
• Connor Walker
  Sport Management
Abby Wandler
  Human Development and Family Science
• Camee J. Wanger
  Radiologic Sciences
Kinsey M. Wensmann
  Radiologic Sciences
*** Kendra M. White
  Pharmaceutical Sciences
*** Allie M. Wiens
  Radiologic Sciences
*** Carter R. Williams
  Exercise Science
Jacob J. Wilson
  Radiologic Sciences
McCayla K. Winkler
  Pharmaceutical Sciences
*** Amy E. Worum
  Pharmaceutical Sciences
Madison Wrobleski
  Human Development and Family Science
• Amber R. Wunderlich
  Radiologic Sciences
• Madison J. Wutzke
  Pharmaceutical Sciences
Jessica Yang
  Health Services
• Landrey J. Yantzer
  Medical Laboratory Science
Yang Zhao
  Pharmaceutical Sciences
Maggie R. Zieske
  Human Development and Family Science
Kayla Zimmerman
  Human Development and Family Science

BACHELOR OF SCIENCE NURSING
Favour Ahaneku
Ifeoluwagbemiduro Alabi
Reagan C. Applegren
• Kaitlin M. Arnhalt
Olivia D. Azzouzi
Josie Baldzicki
Kaleb Barnes
*** Amelia M. Barry
Alexis Bentz
Kara M. Berg
Kiauna L. Bergh
Alicia A. Biewer
** Kora M. Biffert
Lindsey W. Bradley
Allison K. Briscoe
Julia Brito
• Jordan R. Burkhat
Sasha M. Carrier
Darian D. Charvat
• Michelle E. Darvis
** Gretchen A. Dodds
Brianne Dosch
LesLee J. Dows
• Emma R. Dragseth
Makiah R. Evanson
Bailey B. Evenson
• Gracelyn Fergusson
• Emily Fleischhacker
Keeona M. Franklin
*** Ella J. Fridley
• Emily A. Gerhardt
Kaitlin C. Gerszewski
** Claire Hagen
• Kristen N. Hall
• Claire S. Hauge
Mckenna A. Heidt
• Grace Heier
• Halle E. Hess
Hayden N. Hewitt
Iryna Hoppe
Madyson J. Houle
Jennifer L. Huft
Emily A. Ehren
• Macy K. Jakubiec
Jeremy Jimenez
Cassidy L. Johnshoy
Katie J. Johnson
Kaylie A. Kirchenwitz
Taylor M. Kloster
Martha Kpor
Elisabeth S. Kuball
Kaelen E. Langness
Tram N. Le
Kathlynn L. Lee
*** Kyrie Link

38 • Cum Laude    ** Magna Cum Laude    *** Summa Cum Laude    * Summer Candidate
Sadie Lupeke
Olivia J. Macziewski
Aliceyn M. Magelky
Hailey M. Massey
Jasmin S. Mauch
Vanessa S. Maurice
Emily L. Miller
Ceara Miske
Bruce Navratil
Kordon H. Obenauer
Laura Paulsrud
Elizabeth K. Perdue
Lexi N. Pierce
Alix E. Pottinger
Kathryn G. Prichard
Alexis M. Promersberger
Paige A. Rosencrans
• Brandon J. Rostberg
• Madison K. Roth
Benjamin C. Ryberg
Shaylee L. Schiller
• Ermuun B. Schmidt
Kylee M. Schmitz
Gabrielle K. Schuchard
Dennise M. Sieh
** Alyssa R. Snyder
Nina M. Sonetti
Olivia Soukup
McKenzie C. Steckler
Ryann A. Steiner
• Kaylee A. Stevens
Amber M. Papenfuss
** BréAnn M. Sullivan
*** Hope A. Ternes
Hannah M. Thinnes
Holli B. Tollefson
*** Olivia R. Urness
** Allie L. Wahlund
** Hannah L. Zimmel

• Cum Laude       •• Magna Cum Laude       ••• Summa Cum Laude       + Summer Candidate
North Dakota had been a state a little less than a year when Gov. John Miller signed a bill on March 8, 1890, designating a square mile of land adjoining Fargo as the site of the new campus and demonstration farm under the name, North Dakota Agricultural College.

A commitment to the federal government was honored by establishing a college of agriculture and mechanic arts under the Morrill Act of 1862. The course of studies was to be a harmonious blend of technical and academic subjects.

Known as a people’s college, NDSU was part of a bold new experiment to provide access to a college education for the common person. That was how it started.

NDSU is a national model of a successful student-focused, land-grant, research institution. The university is a vibrant institution that enrolled more than 11,950 students during fall 2023 in its undergraduate and graduate programs.

As an R1-ranked research university by the Carnegie Classification of Institutions of Higher Education, NDSU is committed to student success and advancement of research. Proud of its historic land-grant mission, NDSU provides cultural and educational outreach to the residents of the state, region and beyond. Reporting $164 million in research expenditures in FY21, NDSU ranks 141 among all institutions in the National Science Foundation’s Higher Education Research and Development (HERD) Survey. NDSU conducts research across a wide variety of disciplines including food, energy, and water security; cybersecurity, life sciences, entrepreneurship and innovation, and materials.
NORTH DAKOTA STATE BOARD OF HIGHER EDUCATION

Casey Ryan Grand Forks
Kevin Black Minot
Tim Mihalick Minot Chair
Danita Bye Stanley
Jeffry Volk West Fargo
John Warford Bismarck
Curtis Biller Fargo

Lisa Montplaisir
Faculty Advisor
North Dakota State University
Sadie Hanson
Student Member
University of North Dakota
Michael Linnell
Staff Advisor
Minot State University

NDSU PRESIDENTS

President Term
Stockbridge, Horace E. 1890 - 1893
Powers, J. B. (Acting) 1893 - 1895
Worst, John H. 1895 - 1916
Ladd, Edwin F. 1916 - 1921
Keene, Edward S. (Acting) February - September, 1921
Coulter, John Lee 1921 - 1929
Minard, Archibald E. (Acting) July - September, 1929
Shepperd, John B. 1929 - 1937
West, John C. (Acting) 1937 - 1938
Eversull, Frank L. 1938 - 1946
Longwell, John H. 1946 - 1948
Hultz, Fred S. 1948 - 1961
Hazen, Arlon G. (Acting) 1961 - 1962
Albrecht, H.R. 1962 - 1967
Loftsgard, L.D. 1968 - 1987
Koob, Robert (Acting) October 1987 - May 1988
Ozbun, J.L. 1988 - 1995
Chapman, Joseph A. 1999 - 2009
Hanson, Richard (Interim) 2009 - 2010
Bresciani, Dean 2010 - 2022
Cook, David 2022 - present
The academic processional that officially preludes the Commencement ceremonies on college and university campuses is one of the oldest and most colorful customs that link 21st century education with its early origins.

To signal the achievements of their students, American institutions of higher learning conduct a formal ceremony to award the appropriate degrees earned at the conclusion of prescribed study. The action of taking the degree — baccalaureate, master’s or doctorate, as well as the designation of the day itself — is Commencement. Various explanations of the term Commencement are possible. The most likely is that centuries ago the bachelor, originally an apprentice, began an apprenticeship upon that day; and with the degree of M.A. and Ph.D., the masters and doctors commenced their work upon the day their degrees were conferred. So today, students, having finished their preliminary education, set out upon the career for which they have prepared.

**ACADEMIC APPAREL**

As cited in Academic Heraldry in America (Sheard, 1962), the academic regalia worn at Commencement is of medieval origin. The scholars of Bologna, Salamanca, Paris, Oxford, Cambridge, Louvain and Heidelberg dressed in a manner to distinguish themselves from the merchants and other townspeople. Since the 11th century, when the rise of universities began, “learned clerks” robed themselves in gowns, caps and hoods, thus marking a difference between “town and gown.”

By this apparel they were recognized as belonging to the teaching guild, which was the Guild of the Master of Arts. In this organization, the bachelor was the apprentice of the master. This relationship was the forerunner of today’s academic structure.

Today, customs vary in different parts of the world. Generally in Europe, professors wear the type of garment customary in the university where they are lecturing. In the United States, professors continue to wear the gown and hood of the university from which they received their highest degree. The gown, in origin, may have been simply a type of overcoat to protect the teacher from the cold in unheated buildings; the cut or style seems to be derived from ecclesiastical attire. It has usually been black; however, in recent years some institutions have adopted a school color for their gowns. The gowns of bachelors and masters are usually without trimmings of any sort, whereas those of doctors are faced down the front with velvet and adorned with three velvet bars on the sleeves.

The cap or “mortarboard” may have come from the squarish cap worn by the masons of the Middle Ages, or perhaps was suggested by the shape of the books that occupied so much of the scholar’s time. Attached to a button atop the “mortarboard” is a tassel. The tassel is worn on the left side by individuals receiving or have received a degree. For photography purposes, a candidate’s tassel may be worn on the right side of the mortarboard.

The hood, a triangular fold of cloth worn over the back of the gown, is faced with colors which denote the field of study represented by the wearer’s degree; the colors of the lining are those of the college or university that granted the degree. The length of the hood is correspondingly longer with each higher degree.
The wide velvet borders extending down the front of the doctoral gown, the velvet bars on the sleeves and the borders of most hoods, are colored according to the scholarly field of the wearer. The most usual of these doctoral hood colors are the following:

<table>
<thead>
<tr>
<th>Color</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>blue violet</td>
<td>Architecture</td>
</tr>
<tr>
<td>white</td>
<td>Arts, Letters and Humanities</td>
</tr>
<tr>
<td>copper</td>
<td>Economics</td>
</tr>
<tr>
<td>light blue</td>
<td>Education</td>
</tr>
<tr>
<td>orange</td>
<td>Engineering</td>
</tr>
<tr>
<td>brown</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>crimson</td>
<td>Communication</td>
</tr>
<tr>
<td>purple</td>
<td>Law</td>
</tr>
<tr>
<td>lemon</td>
<td>Library Science</td>
</tr>
<tr>
<td>pink</td>
<td>Music</td>
</tr>
<tr>
<td>dark blue</td>
<td>Philosophy</td>
</tr>
<tr>
<td>sage green</td>
<td>Physical Education</td>
</tr>
<tr>
<td>salmon pink</td>
<td>Public Health</td>
</tr>
<tr>
<td>gold</td>
<td>Science</td>
</tr>
<tr>
<td>scarlet</td>
<td>Theology</td>
</tr>
<tr>
<td>maize</td>
<td>Agriculture, Food Systems, and Natural Resources</td>
</tr>
<tr>
<td>brown</td>
<td>Landscape Architecture and Environmental Design</td>
</tr>
<tr>
<td>white</td>
<td>Arts, Humanities and Social Sciences</td>
</tr>
<tr>
<td>drab</td>
<td>Business</td>
</tr>
<tr>
<td>light blue</td>
<td>Education</td>
</tr>
<tr>
<td>orange</td>
<td>Engineering</td>
</tr>
<tr>
<td>maroon</td>
<td>Human Development</td>
</tr>
<tr>
<td>apricot</td>
<td>Nursing</td>
</tr>
<tr>
<td>olive green</td>
<td>Pharmacy</td>
</tr>
<tr>
<td>golden yellow</td>
<td>Science and Mathematics</td>
</tr>
<tr>
<td>white</td>
<td>University Studies</td>
</tr>
</tbody>
</table>

While the arrangement of colors is pleasing to the eye and add beauty and impressiveness to ceremonial processions, there is historic significance attached to their selection. The white for arts and letters comes from the white fur of the Oxford and Cambridge B.A. hoods. The red for theology, as used by cardinals for centuries, follows the traditional color of the church. The purple for law comes from the royal purple of the king’s courts. The green for medicine, from the stripe in the army surgeon’s uniform, and earlier from the color of medicinal herbs.

The degrees in philosophy are shown by blue, the color of truth and wisdom. Science by gold-yellow, which signifies wealth contributed by scientific discoveries. Pink was taken from the pink brocade prescribed for the Oxford doctors of music. Olive, a shade of green, was selected for pharmacy, which is closely allied to medicine; while russet brown, the color of dress worn by old English foresters, indicates forestry.

Graduate candidates wear a hood colored according to the scholarly field of the wearer.

<table>
<thead>
<tr>
<th>Color</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>maize</td>
<td>Agriculture, Food Systems, and Natural Resources</td>
</tr>
<tr>
<td>brown</td>
<td>Landscape Architecture and Environmental Design</td>
</tr>
<tr>
<td>white</td>
<td>Arts, Humanities and Social Sciences</td>
</tr>
<tr>
<td>drab</td>
<td>Business</td>
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<tr>
<td>light blue</td>
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<td>golden yellow</td>
<td>Science and Mathematics</td>
</tr>
<tr>
<td>white</td>
<td>University Studies</td>
</tr>
</tbody>
</table>

UNIVERSITY MACE

The mace has an ancient history of use as a symbol of authority. Originally used by knights or a royal bodyguard to protect a king in processions, the mace evolved to assume more ceremonial functions by the 14th century.

The NDSU institutional mace was created for NDSU’s centennial. Dr. Fredrick G. Walsh was appointed by President Loftsgard to help create the mace as the leader of the 1986 centennial committee. The mace was designed by Dr. Walsh’s son, Fredrick H. Walsh. It was introduced during President Ozbun’s inauguration on Sept. 14, 1989.

Today, the NDSU mace is carried by the stage marshal, the presiding officer of the Faculty Senate, as he leads the president and other platform party dignitaries in commencement processions.
GRADUATION HONORS

WITH HONOR: Graduation with honor applies only to the baccalaureate degree. Graduate courses will not be included in the computation. Candidates who entered NDSU as freshmen and who have earned an institutional grade-point average greater than or equal to 3.5 and less than 3.7 will be graduated Cum Laude, an institutional grade-point average greater than or equal to 3.7 and less than 3.9 will be graduated Magna Cum Laude, and an institutional grade-point average greater than or equal to 3.9 and up to 4.0 will be graduated Summa Cum Laude. All final grades on the NDSU academic record will be included in grade-point average calculations for graduating with honor. The honor medallion is a gold medallion on a yellow ribbon and is worn around the neck. The medallion features the NDSU seal.

Other academic honors include the following:

ALPHA EPSILON, national honor society of agricultural, biological and food engineers: A double intertwined black and gold honor cord is worn around the neck. To qualify, juniors and seniors in agricultural and biosystems engineering must be in the top one-fourth and one-third, respectively, of their class in the College of Engineering and uphold high standards of character and leadership.

BETA GAMMA SIGMA, international business honor society: A blue and gold cord is worn around the neck. Students, by class, who qualify are: juniors, top 7%; seniors, top 10%; and graduate students, top 20%.

BLUE KEY, national honor society: A blue and gold medallion with a blue ribbon is worn around the neck. Blue Key recognizes students for remarkable leadership and outstanding service to the university and the community. Academic achievement of members must be within the top 35% of their class.

ETA KAPPA NU, the honor society of IEEE: A gold cord with blue and red tassels is worn around the neck. IEEE-HKN encourages and recognizes outstanding character, attitude and scholarship among electrical and computer engineers. Students must be in the top fifth of their sophomore class, top quarter of juniors, top third of seniors or graduate students recommended by faculty.

GAMMA SIGMA DELTA, international agriculture honor society: A forest green and light tan honor cord is worn around the neck. Membership is conferred upon selected students who have demonstrated superior teaching, research or service to agriculture while maintaining a 3.5 grade-point average. Members represent agricultural excellence at the undergraduate, graduate and post-graduate levels.

GOLDEN KEY, international honor society: A gold medallion on a blue and gold ribbon is worn around the neck. Golden Key recognizes juniors and seniors from all disciplines who are in the top 15% of their class.

LAMBDA BETA HONOR SOCIETY, national respiratory care honor society: A forest green and black ribbon pin is worn on the gown. Members must have completed at least 50% of their course work and rank academically in the top 25% of the respiratory care class.

LAMBDA PI ETA, national communication honorary society: A gold cord is worn around the neck. To qualify, members must have a cumulative grade-point average of 3.0 with a 3.25 in their communication major courses.

MORTAR BOARD, national honor society: A gold medallion is worn around the neck. Mortar Board recognizes college seniors for distinguished ability and achievement in scholarship, leadership and service. Members also must meet at least a 3.0 grade-point average.

NATIONAL RESIDENCE HALL, honorary: A navy blue honor cord is worn around the neck. To qualify, members must demonstrate leadership and academic qualities within the top 1% of the residence hall population.

ORDER OF OMEGA, national fraternity and sorority life honorary society: A gold stole is worn around the neck. Order of Omega recognizes the top 3% of juniors and seniors who have exemplified high standards in the areas of scholarship with a 3.25 grade-point average; and leadership and involvement within their respective organization(s), fraternity or sorority, campus and local community.

PHI ALPHA THETA, national history honor society: A pale blue and red cord is worn around the neck. Members represent excellence in historical research at all levels: undergraduate, graduate and post-graduate.

PHI ETA SIGMA, national honor society: A black and gold cord worn around the neck. To qualify, students must have a 3.5 institutional grade-point average at the close of any full-time semester during their first year.
PHI KAPPA PHI, honorary scholastic society: A gold stole is worn around the neck. Members are chosen from among students in the top 10% of their class.

PHI UPSILON OMICRON (PHI U), honorary human development and education society: Double cords of entwined purple, white and yellow are worn around the neck. Academic achievement must be within the top 35% of majors in the field who qualify for membership.

PI LAMBDA THETA, international education honor society: A gold cord is worn over the left shoulder. A division of PDK International, Pi Lambda Theta recognizes undergraduate juniors, seniors and graduate students who are pursuing degrees in education-related fields and who have a cumulative GPA of 3.50 or higher.

PI SIGMA ALPHA, national political science honor society: A cloisonné, medallion on a red ribbon, is worn around the neck. To qualify, students must have a cumulative grade-point average of 3.0 and have a 3.0 grade-point average in all political science courses.

PI TAU SIGMA, international mechanical engineering honor society: A white stole with the Pi Tau Sigma coat of arms is worn around the neck. To qualify as juniors, members must be in the top one-eighth of their engineering class; as seniors, members must be in the top one-fifth of their engineering class.

PSI CHI, national psychology honor society: A silver stole is worn around the neck. To qualify, members must have a 3.0 cumulative grade-point average, a 3.5 major grade-point average and rank in the upper 35% of their class.

PUBLIC HEALTH ASSOCIATION, A navy, white and khaki braided cord is worn around the neck. To qualify, Master of Public Health students must have a 3.0 GPA. These students have demonstrated outstanding community service, health promotion, and the provision of health educational opportunities on campus and throughout the community for two or more semesters.

RHO CHI SOCIETY, national pharmacy honor society: A purple and white honor cord is worn around the neck. To qualify, members must have completed their second year of the professional program. Membership is offered to the top 20% of the class.

SIGMA THETA TAU, international honor society of nursing: An orchid and white cord is worn around the neck. To qualify, members must have a 3.0 grade-point average, rank in the upper 35% of their nursing class and meet the expectation of academic integrity.

SIGMA TAU DELTA, international English honor society: A red stole is worn around the neck. Undergraduate members must rank in the top 35% of their class. Graduate members must have at least a 3.3 grade-point average.

STUDENT GOVERNMENT: A green and gold cord is worn around the neck. To qualify, members of Student Government must have achieved a 3.0 cumulative grade-point average.

TAU BETA PI, national engineering honor society: A white satin collar with the Bent embroidered in gold is worn around the neck. To qualify as juniors, members must be in the top one-eighth of their engineering class; as seniors, members must be in the top one-fifth of their engineering class.

TAU SIGMA DELTA, national architecture honor society: A red stole with gold embroidery is worn around the neck. To qualify, juniors or seniors must have a 3.0 grade-point average and be in the upper 20% of their class.

UNIVERSITY HONORS PROGRAM: A gold medallion on a green ribbon is worn around the neck. Honors program graduates have completed, in addition to their primary majors, a four-year curriculum of interdisciplinary honors courses and have produced and publicly presented a senior honors thesis.

UPSILON PI EPSILON, national computer science honor society: Medallion with burgundy ribbon is worn around the neck. To qualify, undergraduate students must be upperclass status in the top 35% of their class and have a minimum grade-point average of 3.3, with at least a 3.5 grade-point average in 24 or more credits of computer science courses. Graduate students must have at least 18 upper-division computer science credits with a minimum grade-point average of 3.5.

VETERAN HONOR SOCIETY: A red, white and blue braided cord is worn around the neck, adorned with a medallion representing the student’s branch of service. To qualify, the student must have at least a 3.0 cumulative grade-point average and represent the North Dakota State University veteran community in a positive way.
HONORARY DOCTORATES

1939
Dean H. L. Bolley, D.Agr.

1940
Arni Helgeson, D.Agr.
George Will, D.Sc.
Philip S. Rose, D.Agr.
M. L. Wilson, D.Agr.
Henry H. Kildee, D.Agr.

1943

1946
Dr. L. Van Es, D.Agr.

1948
O. A. Stevens, D.Sc.

1949
Jack Pyle, LL.D.
Dr. F. L. Hovde, LL.D.

1950
J. L. Coulter, D.Sc.
Alex Lind, LL.D.

1951
Clyde H. Bailey, D.Sc.

1952
D. Milton Ladd, LL.D.

1953
Dr. H. L. Walster, D.Sc.

1954
Dean R. M. Dolve, D.Sc.

1955
Dean W. F. Sudro, D.Sc.
Newell P. Beckwith, D.Sc.

1956
Roy Johnson, D.Sc.

1957
John Haw, D.Sc.

1958
Dr. Melvin Brodshaug, Litt.D.
Duke de Vallombrosa, LL.D.

1959
Donald Fletcher, D.Sc.
James B. Konen, D.Sc.

1960
T. E. Stoa, D.Sc.
Robert B. Parrott, LL.D.

1961
E. J. Haslerud, D.Sc

1962
Charles E. Kellogg, D.Sc.
H. H. Flor, D.Sc.
George E. Abbott, D.Sc.
Edward A. Steinhaus, D.Sc.

1963
Dr. Irvamae Applegate, D.Sc.
Dr. Milton M. Briggs, D.Sc.
Dr. Patrick H. Costello, D.Sc.
Dr. James Scott Long, D.Sc.

1964
Reuben W. Askanase, LL.D.
W. B. Baker, LL.D.
Ernest J. George, D.Sc.
Clarence F. Kelly, D.Sc.

1965
Dr. Marlin George Cline, D.Sc.
H. Christine Finlayson, D.Sc.
Justice Samuel Freedman, LL.D.
Lois Phillips Hudson, Litt.D.
Alvin A. Johnson, D.Agr.
Dr. Lyle W. Phillips, D.Sc.
Clarice Guulickson Taylor, D.Sc.
Lawrence Welk, D.Mus.

1966
Harold B. Bachman, D.Mus.
Dr. Leon O. Jacobson, D.Sc.
Robert Pearson, D.Sc.
Glenn J. Talbott, D.Agr.
Vernon O. Trygstad, D.Sc.

Special Convocation
Dec. 15, 1966
General Harold K. Johnson, L.H.D.

1967
Patrick E. Haggerty, D.Sc.
Dr. E. F. Knipling, D.Sc.
Dr. Casper I. Nelson, D.Sc.
Dr. O. Meredith Wilson, L.H.D.

1968
C. N. Nelson, D.Sc.
Charles R. Walgreen Jr., D.Sc.

During Inaugural
April 11, 1969
Dr. Clifford M. Hardin, D.Sc.

1969
Clifford H. Willson, D.Sc.

1970
Gilmore T. Schjeldahl, D.Sc.
Senator Milton R. Young, D.Sc.

1971
Lawrence B. Hall, D.Sc.
George A. Rogler, D.Sc.

1972
Dr. H. R. Albrecht, D.Sc.
Clifford Still, D.F.A.

1973
William L. Guy, LL.D.
Dr. G. Wilson Hunter, D.Sc.

1974
Miss Mercedes Bates, D.Sc.
Dr. Reinhard Wolff, D.Sc.

1975
Miss Peggy Lee, D.Mus.
Irwin R. Rector, D.Sc.

1976
Paul M. Gallagher, LL.D.
Thomas S. Kleppe, LL.D.
Satenig S. St. Marie, LL.D.

1977
Albert Doerr, D.Sc.
Harold Schafer, LL.D.
Larry Alfred Woiwode, Litt.D.

1978
Mark Andrews, LL.D.
Dr. David Schindler, D.Sc.

1979
Roland F. Harding, D.Sc.

1980
Quentin N. Burdick, LL.D.
Dr. Beverly Pfeifer Lynch, Litt.D.

1981
M. Truman Fossum, D.Sc.
Louis L’Amour, Litt.D.
John L. McCormick Jr., LL.D.

1982
Katherine K. Burgum, D.Sc.
Dr. Robert W. Coon, D.Sc.

1983

1984
Brynhild Haugland, LL.D.
1985
Edwin M. Anderson, D.Sc.
John H. Ladish, D.Sc.

1986
James H. Critchfield, D.Sc.
Richard P. Critchfield, L.H.D.
William A. Schlossman, LL.D.

1987
Robert M. Hendrickson, LL.D.

1988
Dr. Marvin E. Jensen, D.Sc.
Glen J. Schoessow, D.Sc.

1989
Howard M. Olson, D.Sc.

1990
Warren B. Diederich, D.Sc.
Fred B. Scheel, LL.D.
William J. Grosz, D.Sc.
David M. Gipp, LL.D.
C. Warner Litten, LL.D.
Donald J. Kenna, D.Sc.
Harold J. Klosterman, D.Sc.
Anne Stegner, LL.D.
Glenn S. Smith, D.Sc.
Stanley W. Bale, D.Sc.

1991
Lloyd Thompson, D.Sc.

1992
Aldrich C. Bloomquist, D.Sc.
Harvey K. Nelson, D.Sc.
Art Bunker, LL.D.

1993
Dr. Robert O. Brandenburg, D.Sc.
William C. Marcil, Litt.D.
George A. Sinner, L.H.D.

1994
Jean Mason Guy, L.H.D.
Peter Schickele, D.F.A.

1995
Dr. Jack F. Carter, D.Sc.
Robert N. Spolum, LL.D.

1996
Dr. Philip E. Austin, LL.D.

1998 May
Lendal H. Kotschevar, LL.D.
Ronald D. Offutt, LL.D.

1998 December
Dr. James M. Sugihara, D.Sc.

1999 May
Alf H. Clausen, D.Mus.
Dr. R. James Cook, D.Sc.

1999 December
Robert C. Dawson, LL.D.

2000 May
David W. Bemauer, D.Sc.
Douglas J. Burgum, LL.D.

2000 December
Ervin E. Kaiser, LL.D.

2001 May
Dr. A. Catherine Cater, D.F.A.
Dr. Evelyn R. Morrow Lebedeff, LL.D.

2001 December
Byron Dorgan, LL.D.

2002 May
John Q. Paulsen, LL.D.
Fred G. Paavola, D.Sc.

2003 May
Ian B. Edwards, D.Sc.
Michael E. Hanson, D.Sc.

2004 December
General Charles F. Wald, LL.D.

2005 May
James Rosenquist, D.F.A.

2006 May
Steve Swiontek, LL.D.

2006 December
Russell F. Freeman, LL.D.

2007 May
Frank Jennings, LL.D.
James Meier, D.Sc.

2007 December
John Dean, D.Agr.
Sheldon Ellig, LL.D.
Harold Newman, LL.D.

2008 May
Myron Bright, LL.D.
Dr. Calvin Fercho, D. Sc.

2008 December
Maj. Gen. Darrol G. Schroeder, L.L.D.
Maj. Gen. Terry L. Scherling, LL.D.

2009 May
Robert Challey, LL.D.

2010 May
Esther Myers, LL.D.

2010 December
Barry Batcheller, D.Sc.

2012 December
Gregg Halverson, D.Agr.

2015 May
Dr. Myron J. Johnsrud, D.Agr.

2015 December
Robert Challey, LL.D.

2016 May

2018 December
Spencer Duin, D.Sc.

2019 December
Dr. Berdell Funke, D.Sc.

2020 May
William Goetz, D.B.

2022 May
Neal Fisher, D.Agr.

2023 May
Sheila Challey, D.Hum.Litt.

2023 December
Norma Peltier, D.Agr.

2024 May
Dr. Denise K. Lajimodiere, D.Hum.Litt.

HONORARY DOCTORATES

HONORIS CAUSA

Agriculture
Business
D.Agr.
D.B.
D.F.A.
D.Hum.Litt.
D.Mus.
D.Sc.
D.Sc. in Mil. Sci.
J.D.
L.H.D.
Litt.D.
LL.D.

Human Letters
Music
Science
Military Science
Laws
Humanities
Letters
Laws
HO! A CHEER FOR GREEN AND YELLOW
UP WITH YELLOW AND THE GREEN,
THEY’RE THE SHADES THAT DECK OUR PRAIRIES
FAR AND WIDE WITH GLORIOUS SHEEN,
FIELDS OF WAVING GREEN IN SPRINGTIME
GOLDEN YELLOW IN THE FALL —
HOW THE GREAT HIGH-ARCHING HEAVEN
LOOKS AND LAUGHS UPON IT ALL.

OH, SAY CAN YOU SEE BY THE DAWN’S EARLY LIGHT:
WHAT SO PROUDLY WE HAILED AT THE TWILIGHT’S LAST GLEEING?
WHOSE BROAD STRIPES AND BRIGHT STARS, THRU THE PERILOUS FIGHT,
O’ER THE RAMPARTS WE WATCHED, WERE SO GALLANTLY STREAMING?
AND THE ROCKETS’ RED GLARE, THE BOMBS BURSTING IN AIR,
GAVE PROOF THROUGH THE NIGHT THAT OUR FLAG WAS STILL THERE.
OH, SAY DOES THAT STAR-SPANGLED BANNER YET WAVE
O’ER THE LAND OF THE FREE AND THE HOME OF THE BRAVE?

WORDS BY A.E. MINARD
MUSIC BY DR. C.S. PUTNAM

BY FRANCIS SCOTT KEY

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