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

**Facebook**
You can post directly to our timeline or to your own.

**Twitter**
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. #NDSUtrue
PROCEDURAL ........................................ POMP AND CIRCUMSTANCE, EDWARD ELGAR
Minnesota Orchestra Recording

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

THE NATIONAL ANTHEM ................. THE STAR-SPANGLED BANNER, FRANCIS SCOTT KEY
Elijah O’Sullivan, Soloist

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

WELCOME AND REMARKS ...................... PRESIDENT BRESCIANI

INTRODUCTION OF STUDENT SPEAKER ........ DEAN DAVID BERTOLINI
College of Arts, Humanities and Social Sciences
10 a.m. ceremony

DEAN KIMBERLY WALLIN
College of Science and Mathematics
2 p.m. ceremony

STUDENT ADDRESS ................................. ZEINA ABOUELZAM
Graduating Class Representative
10 a.m. ceremony

MARIAN TAIWO
Graduating Class Representative
2 p.m. ceremony

ADMINISTRATION OF OATH
TO SECOND LIEUTENANT CANDIDATES ........ LTC MATT B. CHITTY
AR, Professor of Military Science
10 a.m. ceremony
PRESENTATION OF CANDIDATES FOR DEGREES ............ DR. MARGARET FITZGERALD
Provost

CONFERAL OF HONORARY DOCTORATE .................. PRESIDENT BRESCIANI
Prakash Mathew
Honorary Doctorate of Humane Letters
10 a.m. ceremony

CONFERRAL OF DEGREES ......................... PRESIDENT BRESCIANI

PRESENTATION OF COLLEGES
10 A.M.
Graduate and Interdisciplinary Studies | pg. 6 ................. Interim Dean Benton Duncan
Arts, Humanities and Social Sciences | pg. 11 .................... Dean David Bertolini
Engineering | pg. 21 ........................................ Dean Michael Kessler
Human Sciences and Education | pg. 31 .................... Co-Interim Deans Jill Nelson and Jim Deal

2 P.M.
Agriculture, Food Systems, and Natural Resources | pg. 7 . Vice President, Dean and Director Greg Lardy
Business | pg. 16 ................................................ Dean Scott Beaulier
Health Professions | pg. 26 ....................................... Dean Charles Peterson
Science and Mathematics | pg. 38 .................................... Dean Kimberly Wallin

CLOSING REMARKS ......................... PRESIDENT BRESCIANI

NDSU SCHOOL SONG ...................... THE YELLOW AND THE GREEN, MINARD-PUTNAM
Lauren Craig, Sewit Eskinder, Taylor Krug, Alexis Limesand,
Jennifer Nannenga, Elijah O’Sullivan, Alexis Rusch, Makayla Scherrer
Vocal Ensemble

RECESSIONAL

Please remain seated until the recessional concludes.
Prakash Mathew served as NDSU vice president for student affairs from 2006–2014. He retired after 38 years of service in student affairs; 34 years at NDSU and four years at Mankato State University.

Mathew’s positions included hall director, director of Residence Life, associate dean and dean of student life and vice president of student affairs. He currently serves as vice president emeritus for student affairs.

As vice president, he oversaw 23 departments and programs, more than 370 staff and 850 graduate and undergraduate student employees and advocated on behalf of more than 14,500 students. He played a key role in bringing student issues and concerns to the forefront. Throughout his career and into retirement, students remain the central focus of his work. Upon his retirement in July 2014, he served as NDSU interim director of athletics.

He provided leadership in the student affairs profession at the state, regional and national levels. He served the National Association of Student Personnel Administrators as a member of the NASPA Foundation, the national board of directors and as a regional vice president. He also served on the executive committee for the Council of Student Affairs for the Association of Public and Land-grant Universities.

Mathew received numerous awards from national, regional and local organizations. His honors include the NDSU Athletics Bison Impact Award (2015), NASPA Scott Goodnight Award for Outstanding Performance as a Dean (2015), NASPA James J. Rhatigan Outstanding Dean Award (2014), NASPA “Pillar of the Profession” (2009), NASPA Region IV West Distinguished Service Award (2009), Bill Sweet Distinguished Service Award (2000) and NDSU Blue Key Doctor of Service Award (1996). Mathew played an active role in Bison athletics as chair of the NCAA transition to Division I Athletics certification process in 2006. Mathew also has made numerous presentations about leadership, servant leadership, organizational change and planning processes.

Mathew earned his bachelor’s degree in agriculture and rural sociology from Allahabad Agricultural Institute in India and his master’s degree in counseling and guidance from NDSU. He continues to be active in many organizations and activities in the state and the region. In the Fargo-Moorhead community, he is involved with his church and supports many philanthropic causes. He serves on the Thrivent Northland region board of directors and Fargo’s Renaissance Zone Authority. He has provided leadership in many organizations including serving as past president of the Fargo Public Library. Most recently, he has written a book titled “We Are Called … To Do The Right Thing,” published earlier this month. The book gives personal accounts and stories from his childhood experiences, values and principles taught by his parents and insights and lessons learned during his career.

Mathew’s family includes his wife, Jane; sons, Trevor and Christopher; stepchildren, Natalie and Evan; and grandchildren, Isabelle and Zara.
CANDIDATES FOR APPOINTMENT TO SECOND LIEUTENANT

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC) COMMISSIONEES
- Ayanfe T. Afelumo Lagos, Nigeria
  Minnesota Army Reserve
- Grant M. Anderson Brainerd, Minnesota
  Minnesota Army National Guard
- Chandler R. Barnes Hollowayville, Illinois
  North Dakota Army National Guard
- Jacob R. Boguslawski Rochester, Minnesota
  Active Duty
- Preston E. Johnson Minot, North Dakota
  North Dakota Army National Guard
- Jory N. Lill Monticello, Minnesota
  Minnesota Army National Guard
- Preston A. Miller Minot, North Dakota
  North Dakota Army National Guard
- Taylor R. Nein Bismarck, North Dakota
  North Dakota Army National Guard
- Autumn E. Ogden Marshall, Wisconsin
  North Dakota Army National Guard

DEPARTMENT OF AEROSPACE STUDIES (AIR FORCE ROTC) COMMISSIONEE
- Randy C. Peterson Rocklake, North Dakota
  Active Duty
CLASS REPRESENTATIVE

Zeina Abouelazm 10 A.M. CEREMONY
Abouelazm, who grew up in Cairo, Egypt, is receiving a Bachelor of Science degree with dual majors in emergency management and management communication. She was a highly active and involved student during her time on campus, serving as a resident assistant, campus service representative for the Emergency Management Student Association, president of the American Red Cross Club, philanthropy chair for the National Blue Key Honor Society, president of the Arab Student Association and event planner for the International Student Association. She earned several academic honors, including the IAEM Robert Bohlmann Scholarship for Service in Emergency Management, Communication Department Scholarship, George A. Youn's Jr. Emergency Management Scholarship, DEMNDSU Community Service Award, Lorraine Murphy Global Diversity Scholarship and Academic and Cultural Sharing Scholarship. She had four internship experiences including one at the North Dakota Department of Emergency Services, and was a career mentor at the NDSU Career and Advising Center. In August, Abouelazm will continue her education at American University, Washington, D.C., where she will pursue her master’s degree in international development and work as a graduate assistant in the School of International Services. She is the daughter of Mostafa Abouelazm and Mona Sherif.

Marian Taiwo 2 P.M. CEREMONY
Taiwo is an outstanding student-athlete who is earning her Bachelor of Science degree in biological sciences with a minor in chemistry. A native of Ottawa, Ontario, Canada, she earned a full-ride athletic scholarship to play women’s soccer at NDSU. Taiwo was a research assistant in the NDSU Department of Biological Sciences and was the recipient of the Academic and Cultural Sharing Scholarship. She was named three times to the Summit League Academic Honor Roll and twice was selected for the Summit League Commissioner's List of Academic Excellence. She also was named a Border States Electric Student-Athlete of the Week on March 2, 2021, after she scored three goals against the University of Nebraska-Omaha. Following graduation, she plans to attend medical school, earn a Doctor of Medicine degree and practice as a family physician. She is the daughter of Emmanuel and Alice Taiwo.

SOLOIST

Elijah O’Sullivan
O’Sullivan, who is graduating with a Bachelor of Music in vocal music education and a minor in instrumental music education, is from Albertville, Minnesota. He discovered his love of choral singing in high school, which then prompted him to continue his musical experience at NDSU. Since then, he has performed in several ensembles. He was a part of the NDSU Concert Choir throughout his collegiate experience, of which he was vice president for two years. He also was a member of the Madrigal Singers and the Bison Arts Singers. O’Sullivan was a member of several operatic productions, including Mozart’s “Le Nozze di Figaro,” Ravel’s “L’enfant et les sortilèges” and Mozart’s “The Impresario.” He was involved in several musicals during his time at NDSU, including Stephen Schwartz’s “Children of Eden” and Stephen Sondheim’s “Into the Woods.” While at NDSU, O’Sullivan studied under faculty members Mariane Lemieux-Wottrich and Kelly Burns. Most Recently, O’Sullivan qualified for the National Association of Teachers of Singing. He plans to find a teaching position in Fargo and hopes to return to college in the future to obtain a master’s degree in vocal performance.
DOCTOR OF PHILOSOPHY

Angela M. Adsero  Cellular and Molecular Biology
Fargo, North Dakota
“Biochemical and Cellular Characterization of Replication Factor A (RFA) During Meiosis and the DNA Damage Response in Saccharomyces Cerevisiae”
Adviser: Dr. Stuart Haring

Rashad S. Alghamdi  Environmental and Conservation Sciences
Fargo, North Dakota
“Nitrogen Mineralization Dynamics of Post Harvest Crop Residue in No-Till Systems”
Adviser: Dr. Larry Cihacek

Ruchi J. Bhardwaj  Environmental and Conservation Science
Noida, India
“Identification of Technology Based Limits for Total Nitrogen Removal in Wastewater Treatment Plants”
Adviser: Dr. Eakalak Khan

Victoria Christensen  Environmental and Conservation Sciences
West Fargo, North Dakota
“Exploring Cyanotoxins, Toxin Mixtures, and Other Secondary Metabolites in Voyageurs National Park”
Adviser: Dr. Eakalak Khan

Aaron A. Forde  Materials and Nanotechnology
Augusta, Wisconsin
“Photophysics and Surface Chemistry of Lead Halide Perovskites”
Adviser: Dr. Dmitri Kilin

MASTER OF NATURAL RESOURCE MANAGEMENT

Jessica M. Church  Fargo, North Dakota
Joshua S. Lovera  Marthaville, Missouri

MASTER OF SCIENCE

Yanlin Chen  Shanwei, China
Materials and Nanotechnology

Jordan R. Dahle  Lakeland, Minnesota
Environmental and Conservation Science

Melina C. Kuerschner  Edmonton, Alberta
Natural Resources Management

Alison Long  Levittown, Pennsylvania
Environmental and Conservation Science

Jithin Jose Mathew  Sulia, India
Genomics and Bioinformatics

Soumaila Mounkaila Siddo  Fargo, North Dakota
Natural Resources Management

Franklin Odili  Ojo Lagos, Nigeria
Environmental and Conservation Science

Alicia M. Schlarb  Chesterfield, Virginia
Environmental and Conservation Science

Matthew B. Schlauderaff  Dibworth, Minnesota
Natural Resources Management

Jace W. Stallman  Hillsboro, North Dakota
Natural Resources Management

Kate L. Volk  Mandan, North Dakota
Environmental and Conservation Science
DOCTOR OF PHILOSOPHY

Ademola Ayodeji Ajayi-Banji  
*Agriculture and Biosystems Engineering*
Ilorin, Nigeria  
“Optimization of Methane Yield in Solid-State Anaerobic Co-Digestion of Dairy Manure and Corn Stover”  
Adviser: Shafiqur Rahman

Brandt G. Berghuis  
*Plant Pathology*
Fargo, North Dakota  
“Evaluation of Management Tools and Development of Management Recommendations for Sunflower Rust (Puccinia helianthi), Sunflower Downy Mildew (Plasmopara halstedii), and Blackleg on Oilseed Rape (Leptosphaeria maculans)”  
Adviser: Dr. Samuel Markell

Nayan Bhowmik  
*Animal Sciences*
Chittagong, Bangladesh  
“Identification of Potential Early Indicator Traits and Their Genomic Region of Efficiency and Longevity in the Commercial Beef Cow Herd”  
Adviser: Dr. Lauren Hanna

Elfren Jr. F. Celestino  
*Animal Sciences*
Science City of Munoz, Philippines  
“Evaluater Effect on Subjective Methods of Beef Cattle Temperament Evaluation, Relationship of Temperament on Productive and Reproductive Traits, and Effect of Sire and Dam Temperament on Offspring Performance”  
Adviser: Dr. Lauren Hulsman-Hanna

Hettige Supun Fernando  
*Cereal Sciences*
Kalutara, Sri Lanka  
“Black Bean Milling and Flour Functionality”  
Adviser: Dr. Frank Manthey

Diksha Goyal  
*Soil Science*
Sunam, India  
“Corn Reseponse to Sulfur in the Red River Valley”  
Adviser: Dr. Amitava Chatterjee

Sara Moayedi  
*Cereal Science*
Tehran, Iran  
“Genotype and Environmental Effects on Quality Traits of Durum Wheat Grown in North Dakota”  
Adviser: Dr. Frank Mathey

Ramnarain Ramakrishna  
*Cereal Science*
Bangalore, India  
“Dual Role of Phenolic Bioactives in Improving Functional Health Benefits and Abiotic Stress Resilience in Barley”  
Adviser: Dr. Kalidasa Shetty

Jessica Reimers  
*Animal Sciences*
Cedar Rapids, Iowa  
“Supplemental Leucine in Milk Replacer Fed to Neonatal Calves and Lambs: Effects on Growth, Development, and Metabolism”  
Adviser: Dr. Kendall Swanson

Peder Schmitz  
*Plant Sciences*
Wheaton, Minnesota  
“Strategies for Improving Wheat and Soybean Production Systems in North Dakota”  
Advisers: Dr. Joel Ransom and Dr. Hans Kandel

Fereshteh Shahoveisi  
*Plant Pathology*
Karaj, Iran  
“Characterization of Genetic Resistance to Sclerotinia Sclerotiorum in Brassica Napus L. Plant Introduction Materials and Epidemi”  
Adviser: Dr. Luis del Río Mendoza

Andrey W. Svyantek  
*Plant Sciences*
Dallas, Texas  
“Altering Grapevine Crop Load and Canopy Architecture Through Cultural and Genetic Methods”  
Adviser: Dr. Harlene Hatterman-Valenti

MASTER OF SCIENCE

Savannah S. Adams  
*Kuttawa, Kentucky*  
*Range Science*

Dalal L. Alamri  
*Madinah, Saudi Arabia*  
*Microbiology*

Enise Ayyildiz  
*Ankara, Turkey*  
*Plant Sciences*

Dylan J. Bartels  
*Orange City, Iowa*  
*Range Science*

Corbin C. Clark  
*Golden Valley, Minnesota*  
*Agronomy and Applied Economics*

Haley C. Coffield  
*Lancaster, Minnesota*  
*International Agronomy*

Bree L. Diffely  
*Garrison, North Dakota*  
*Agronomy and Applied Economics*

Nicholas R. Dolan  
*Omaha, Nebraska*  
*Agronomy and Applied Economics*

Adam P. Ewald  
*Becker, Minnesota*  
*Microbiology*

Jacob B. Frandrup  
*Hastings, Minnesota*  
*Animal Sciences*

Taheni Gargouri Jbir  
*Williston, North Dakota*  
*Plant Pathology*

Juan Gavette  
*Sweverton, Washington*  
*Animal Sciences*

Benjamin P. Glogoza  
*Fargo, North Dakota*  
*Entomology*

Amy E. Greenberg  
*Eagan, Minnesota*  
*Plant Sciences*

Jed D. Grow  
*Fargo, North Dakota*  
*Plant Sciences*

Eddy Ixcotoyac  
*New York, New York*  
*Plant Sciences*

Adam J. Kroll  
*Royalton, Minnesota*  
*Agronomy and Applied Economics*

Jacob M. Lachowitz  
*Fargo, North Dakota*  
*Plant Sciences*
Jessica Lauer Fargo, North Dakota  
Microbiology

Katelyn M. Long Kintyre, North Dakota  
Agribusiness and Applied Economics

Johanna V. Lukaschewsky Fargo, North Dakota  
Plant Sciences

Rebecca L. Moore Jamestown, North Dakota  
Animal Sciences

Supriya Deb Nath Sylhet, Bangladesh  
Animal Sciences

Katie L. Nelson Fargo, North Dakota  
Plant Pathology

Rachel H. Ouren Monument, Colorado  
Range Science

Maureen A. Puffer Fargo, North Dakota  
Range Science

Yi Qu Jinan, China  
Plant Pathology

Michael T. Radiq Breckenridge, Minnesota  
Agribusiness and Applied Economics

Gwen M. Scheresky Fargo, North Dakota  
Agribusiness and Applied Economics

Kristi Tonnessen Towner, North Dakota  
Agricultural Education

BACHELOR OF SCIENCE

Isabelle S. Allen Long Prairie, Minnesota  
Microbiology

Jason A. Anderson Wahpeton, North Dakota*  
Animal Science

Ross J. Anderson Hoffman, Minnesota  
Agribusiness and Applied Economics

Lucas J. Andes Bismarck, North Dakota  
Microbiology

Sam D. Austing Grey Eagle, Minnesota  
Crop and Weed Sciences

Lisa R. Bame St. Paul, Minnesota  
Veterinary Technology

Alexia Belk Fargo, North Dakota  
Animal Science

Equine Science

Joshua P. Benedict Minnetonka, Minnesota  
Horticulture

Kayle J. Benesh Melrose, Minnesota  
Animal Science

Equine Science

Kelsey A. Berndt Manhattan, Illinois  
Equine Science

Katherine M. Best Elysian, Minnesota  
Economics

John H. Bina Fridley, Minnesota  
Economics

Quinn E. Bjornson Valley City, North Dakota  
Agricultural Economics

Cade M. Blickensderfer Mott, North Dakota  
Agricultural Economics

Dylan D. Block Bottineau, North Dakota  
Crop and Weed Sciences

Kyle S. Braaten Portland, North Dakota  
Crop and Weed Sciences

Kyra M. Braaten Kindred, North Dakota  
Agribusiness

Miranda R. Breth Albany, Minnesota  
Agricultural Economics

Hunter S. Brown Devils Lake, North Dakota  
Crop and Weed Sciences

Kodi M. Bundermann Alexandria, Minnesota  
Animal Science

Brody J. Cahill Rolla, North Dakota  
Crop and Weed Sciences

Makinzie Callaway Bismarck, North Dakota  
Animal Science

Tate E. Camas Wheatland, North Dakota  
Agricultural Economics

Kaylie K. Carver St. Bonifacius, Minnesota  
Natural Resources Management

Isaac P. Cebulla Browerville, Minnesota  
Crop and Weed Sciences

Macey L. Cervenka Detroit Lakes, Minnesota  
Horticulture

Darren P. Chernenko West Fargo, North Dakota  
Crop and Weed Sciences

Matthew S. Collins De Graff, Minnesota  
Agricultural Economics

Finance

Stephen D. Countryman Danube, Minnesota  
Crop and Weed Sciences

Cameron A. Dahnke St. Cloud, Minnesota  
Horticulture

Katie J. Davis Moorhead, Minnesota*  
Veterinary Technology

Jordan E. Dile Scranton, North Dakota  
Agricultural Economics

Isaac D. Dostal Greenbush, Minnesota  
Agribusiness

Jacob M. Drew Alexandria, Minnesota  
Agribusiness

Brennan M. Duffield Fargo, North Dakota  
Microbiology

Danielle N. Duncan Fargo, North Dakota*  
Veterinary Technology

Morgan M. Ege Princeton, Minnesota  
Animal Science

Darin K. Eichhorst Coleharbor, North Dakota*  
Agricultural Economics

Garret D. Engelke West Fargo, North Dakota  
Natural Resources Management

Kyle L. Fawcett Plentywood, Montana  
Crop and Weed Sciences

Shelby L. Feickert Lanty, South Dakota*  
Veterinary Technology

Jane V. Fischer Fargo, North Dakota  
Microbiology

Meggie M. Fischer Amidon, North Dakota*  
Veterinary Technology

Austin H. Fisher Fargo, North Dakota  
Economics

Jacob R. Furst Rochester, Minnesota  
Range Science

Jonathan M. Gamble Inver Grove Heights, Minnesota  
Economics

Beau S. Gilles Wahpeton, North Dakota  
Agricultural Economics

Blake D. Glass Mentor, Minnesota  
Agricultural Economics

Allexis L. Grabowska Bismarck, North Dakota*  
Veterinary Technology

Madeline K. Grant Randolph, Minnesota  
Animal Science

Michael J. Hanowski Little Falls, Minnesota  
Natural Resources Management

Ragain L. Hatfield Minot, North Dakota  
Animal Science

• Cum Laude  •• Magna Cum Laude  ••• Summa Cum Laude  * Summer Candidate
Alex R. Hausauer Bismarck, North Dakota
General Agriculture

• Caleb J. Hofer Northwood, North Dakota
Crop and Weed Sciences

• Levi J. Hofer Northwood, North Dakota
Agricultural Economics

*** Mercedes E. Hoffner Omaha, Nebraska
Microbiology

Tyler B. Hoven Ada, Minnesota
Agricultural Economics

Mason J. Hubert Sauk Centre, Minnesota
Crop and Weed Sciences

Jordan E. Idso Moorhead, Minnesota
Economics

• Andrea N. Jeurissen Belle Plaine, Minnesota
Natural Resources Management

• Tanner T. Jochim Bismarck, North Dakota
Natural Resources Management

*** Eden N. Johannes Underwood, North Dakota
Animal Science

Jordan V. Jorde Tolna, North Dakota
Agricultural Economics

Rylee J. Kanne Rochester, Minnesota*
Veterinary Technology

• Taylor R. Knudson Dahlen, North Dakota
Animal Science

Jonathan R. Korinek Campbell, Minnesota
Agricultural Economics

Lindsey N. Krogen West Fargo, North Dakota
Animal Science

Tanner D. Kuzel Lidgerwood, North Dakota
General Agriculture

Mason D. Kuznia Greenbush, Minnesota
Agricultural Economics

Ethan Lagge Hazen, North Dakota
Crop and Weed Sciences

Brandon J. Lalim Rolla, North Dakota
Crop and Weed Sciences

*** Kristen J. Larson Hoople, North Dakota
Animal Science

Equine Science

Kang Lee St. Paul, Minnesota
Food Science

• Justin R. Lehmann Havana, North Dakota
Precision Agriculture

*** Garrett J. Levin West Fargo, North Dakota
Microbiology

Carson T. Lindell Dassel, Minnesota
Agricultural Economics

*** Sarah M. Lindereel Plymouth, Minnesota
Natural Resources Management

*** Tamara L. Mahlstedt Walcott, North Dakota+
Veterinary Technology

Emily M. Maher West Fargo, North Dakota+
Veterinary Technology

Casey R. Martel Bismarck, North Dakota+
Natural Resources Management

Kailey E. Martinson Moorhead, Minnesota
Veterinary Technology

International Studies

Hunter A. Mathias Fargo, North Dakota
Crop and Weed Sciences

• Bailey S. Mattson Lake Park, Minnesota+

• Michael J. Mayer Mort, North Dakota
Agricultural Systems Management

Riley J. McAlpine Monticello, Minnesota
Crop and Weed Sciences

• Christopher S. McGlynn Stephen, Minnesota
Agricultural Economics

Madyson A. McKeever Schroeder, Minnesota*
Veterinary Technology

Jorden E. McKenna Cresco, Iowa
Equine Science

Justin T. McLaughlin Apple Valley, Minnesota
Economics

Hunter A. Medenwald New Effington, South Dakota
Crop and Weed Sciences

*** Lawrence T. Mettler Burtram, Minnesota
Range Science

Marissa A. Meyer Beloit, Wisconsin
Microbiology

Emily A. Middendorf Sauk Centre, Minnesota
Animal Science

Crop and Weed Sciences

Lucas A. Mohn Hatton, North Dakota
Crop and Weed Sciences

Mitch J. Molitor Watkins, Minnesota*
Agricultural Economics

• Tanner D. Monson Dent, Minnesota
Natural Resources Management

Alyssa B. Nelson Fargo, North Dakota
Microbiology

Spanish

Ryan M. Nendick Prior Lake, Minnesota
Agribusiness

*** Liberty M. Nguyen Rochester, Minnesota
Microbiology

Grayson R. Nordin Hackensack, Minnesota
Natural Resources Management

Madison A. Obowa Ottertail, Minnesota
Animal Science

• Jaden M. Olson Fort Ransom, North Dakota
Agricultural Systems Management

Zachery M. Olson Fargo, North Dakota+
Veterinary Technology

Clayton J. Patzer Marietta, Minnesota
Agricultural Systems Management

Alexander J. Pederson Nya, Minnesota*
Natural Resources Management

Cameron B. Pederson Fargo, North Dakota
Agricultural Economics

Samantha M. Pernerstein
Monango, North Dakota
Agricultural Economics

David N. Peterson Hastings, Minnesota
Crop and Weed Sciences

*** Kaitlyn J. Peterson Bismarck, North Dakota+
Animal Science

*** Kaylea A. Peterson Baxter, Minnesota
Animal Science

Tyra N. Peterson Fargo, North Dakota
Veterinary Technology

Matthew R. Rausch, Watertown, South Dakota+
Agricultural Economics

• Sarah J. Reinhardt Burnsville, Minnesota
Natural Resources Management

** Timothy J. Renschler Lincoln, North Dakota
Natural Resources Management

*** Kailer K. Riedman Portland, North Dakota+
Veterinary Technology

Kailee A. Rinas Sisseton, South Dakota
Equine Science

Animal Science

• Summa Cum Laude

** Magna Cum Laude

• Cum Laude

+ Summer Candidate

11
<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
<th>City, State</th>
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<tbody>
<tr>
<td>Adam R. Ripplinger</td>
<td>Agricultural Economics</td>
<td>Freeport, Minnesota</td>
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<tr>
<td>Mavrik A. Roberts</td>
<td>Agricultural Economics</td>
<td>Menahga, Minnesota</td>
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<td>Benjamin V. Rodelius</td>
<td>Crop and Weed Sciences</td>
<td>Maple Lake, Minnesota</td>
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<td>Andrew J. Roden</td>
<td>Agricultural Systems Management</td>
<td>Caselton, North Dakota</td>
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<td>Langdon, North Dakota</td>
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<td>Devin A. Schatz</td>
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<td>Horace, North Dakota</td>
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<td>Logan J. Schnitz</td>
<td>Crop and Weed Sciences</td>
<td>Grey Eagle, Minnesota</td>
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<td>Fargo, North Dakota</td>
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<td>Jake D. Schumacher</td>
<td>Biotechnology</td>
<td>Burnsville, Minnesota</td>
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<td>Jonathon S. Schwartz</td>
<td>General Agriculture</td>
<td>Parkers Prairie, Minnesota</td>
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<td>Ashley H. Segal</td>
<td>Equine Science</td>
<td>Fargo, North Dakota</td>
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<td>Saree C. Shogren</td>
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<td>Grand Forks, North Dakota</td>
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<td>Michael R. Skelton</td>
<td>Microbiology</td>
<td>Stillwater, Minnesota</td>
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<td>Madison I. Sommer</td>
<td>Animal Science</td>
<td>Washburn, North Dakota</td>
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<td>Anthony M. Soukup</td>
<td>Microbiology</td>
<td>Fargo, North Dakota</td>
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<tr>
<td>Nathan P. Steffan</td>
<td>Agricultural Systems Management</td>
<td>Michigan, North Dakota</td>
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<td>Tori A. Stein</td>
<td>General Agriculture</td>
<td>Savage, Minnesota</td>
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<td>Isaac W. Steinke</td>
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<td>Hope, North Dakota</td>
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<td>Tyler D. Szczepanski</td>
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<td>Steven J. Taves</td>
<td>Natural Resources Management</td>
<td>Glyndon, Minnesota</td>
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<td>Molly R. Thompson</td>
<td>Agricultural Economics</td>
<td>Kindred, North Dakota</td>
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<td>Joseph S. Tillotson</td>
<td>Natural Resources Management</td>
<td>Minneapolis, Minnesota</td>
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<td>Alvin B. Tisi</td>
<td>Economics</td>
<td>Fargo, North Dakota</td>
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<td>Calvin P. Tominson</td>
<td>Crop and Weed Sciences</td>
<td>Max, North Dakota</td>
</tr>
<tr>
<td>Tessa R. Tripp</td>
<td>Crop and Weed Sciences</td>
<td>Pettibone, North Dakota</td>
</tr>
<tr>
<td>Marissa R. Tuhy</td>
<td>Agricultural Economics</td>
<td>Dickinson, North Dakota</td>
</tr>
<tr>
<td>Michael M. Ueland</td>
<td>Management Communication</td>
<td>Harwood, North Dakota</td>
</tr>
<tr>
<td>Ian J. Vlk</td>
<td>Agricultural Economics</td>
<td>Sioux Falls, South Dakota</td>
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<tr>
<td>William S. Vlk</td>
<td>Animal Science</td>
<td>Canton, South Dakota</td>
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<tr>
<td>Ashleigh K. Vogel</td>
<td>Economics</td>
<td>Moorhead, Minnesota</td>
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<tr>
<td>Abagail H. Volk</td>
<td>Biotechnology</td>
<td>York, North Dakota</td>
</tr>
<tr>
<td>Jamieison M. Volk</td>
<td>Natural Resources Management</td>
<td>Reiles Acres, North Dakota</td>
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<tr>
<td>Zachary J. Vosburg</td>
<td>Economics</td>
<td>Fargo, North Dakota</td>
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<tr>
<td>Spencer A. Waage</td>
<td>General Agriculture</td>
<td>South Shore, South Dakota</td>
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<tr>
<td>Mikayla D. Ward</td>
<td>Veterinary Technology</td>
<td>Hazen, North Dakota</td>
</tr>
<tr>
<td>Kaitlyn Welles</td>
<td>Veterinary Technology</td>
<td>Becker, Minnesota</td>
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<tr>
<td>Emma C. Wickoren</td>
<td>Veterinary Technology</td>
<td>Highlands Ranch, Colorado</td>
</tr>
<tr>
<td>Breanna R. Williams</td>
<td>Veterinary Technology</td>
<td>Williston, North Dakota</td>
</tr>
<tr>
<td>Cody J. Wolters</td>
<td>Animal Science</td>
<td>West Fargo, North Dakota</td>
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<tr>
<td>Nathan D. Wroolson</td>
<td>Natural Resources Management</td>
<td>Farwell, Minnesota</td>
</tr>
<tr>
<td>Madeline M. Wulff</td>
<td>Agricultural Systems Management</td>
<td>Willmar, Minnesota</td>
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<tr>
<td>Gabrielle R. Young</td>
<td>Veterinary Technology</td>
<td>Bismarck, North Dakota</td>
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<tr>
<td>* Cum Laude</td>
<td>** Magna Cum Laude</td>
<td>*** Summa Cum Laude</td>
</tr>
</tbody>
</table>
Candidates will be presented by Dean David Bertolini and marshaled by Dr. Pam Emanuelson.

DOCTOR OF PHILOSOPHY

Ibtissem Belmihoub Rhetoric, Writing and Culture
Chorfa, Algeria
“Rhetorical Agency in Digital Storytelling: New American Voices in the Cthulucene”
Adviser: Dr. Lisa Arnold

Amanda B. Biles History
Abilene, Texas
“Farming Democracy: US Agriculture Policy from Great War to Great Society”
Adviser: Dr. Thomas Isern

Seseer P. Mou-Danha Communication
Abuja, Nigeria
“Journalists’ Framing of Terrorist Attacks and Audience Reaction: A Longitudinal Case Study of The Boston Globe”
Adviser: Dr. Elizabeth Crawford

Kyle Vareberg Communication
Fargo, North Dakota
“Cause You Don’t Really Need a Teacher to Learn Stuff”
Adviser: Dr. Carrie Anne Platt

MASTER OF ARCHITECTURE

Anne C. Argenziano Reynolds, North Dakota
Musab Aatelmanan Fargo, North Dakota
Taylor M. Best Minot, North Dakota
Mary T. Bieger Otawonna, Minnesota
Linda Boateng Eagan, Minnesota
David K. Brown Eagan, Minnesota
Spencer C. Bunby Sioux Falls, South Dakota
Bailey L. Buschke Andover, Minnesota
Bailey N. Cochrane Hanover, Minnesota
Maria V. Contreras Victoria, Minnesota
Devin S. Crowe Alexandria, Minnesota
Kelsey L. Darwin Wahpeton, North Dakota
Thomas W. Davy Des Lacs, North Dakota
Chandler J. Dick Devils Lake, North Dakota
Benjamin M. Djerf Brooklyn Park, Minnesota
Kai K. Erickson Fargo, North Dakota
Taylor J. Ford West Fargo, North Dakota
Samuel P. Goodman Fargo, North Dakota
Benjamin E. Gutowski Plover, Wisconsin
Alixandra N. Hermanson West Fargo, North Dakota
Anna N. Stroh Fargo, North Dakota
Grace R. Sundberg Brainerd, Minnesota
Augustina Teuber Eagan, Minnesota
Justin J. Todd Fargo, North Dakota
Joshua R. Trojan Minnetonka, Minnesota
Andrew P. Ulrich Morris, Minnesota
Rozalind M. Vanden Bosch Madison, South Dakota
McKenna R. Vetter Fargo, North Dakota
Nathan J. Wanner Mandan, North Dakota
Grant M. Willert Fargo, North Dakota

MASTER OF ARTS

Syeda Akter Chittagong, Bangladesh
English
Abigail Chrappah Kumasi, Ghana
English
Kimberly Haarstick Vergas, Minnesota
Anthropology
Rachel Reko Fargo, North Dakota
English
Marisa Saucedo Grand Forks, North Dakota
Community Development
McKenna M. Wegner Reeder, North Dakota
English
Clair H. Willden Sandia Park, New Mexico
English

MASTER OF LANDSCAPE ARCHITECTURE

Halley G. Bartlett Kenmare, North Dakota
Rachel M. Borgert Fargo, North Dakota
Emily A. Hopfau West Fargo, North Dakota
Matthew J. Keller Caselton, North Dakota
Sam E. Kerfield Spicer, Minnesota
Amy M. Kronbeck Hawley, Minnesota
Madison Long Rochester, Minnesota
Jacob R. Miller Nisswa, Minnesota
Morgan B. Minette Fargo, North Dakota
Truc N. Nguyen  St. Paul, Minnesota
Zachary D. Unruh  Sylkeston, North Dakota
Sydney D. Valiquet  Blaine, Minnesota

MASTER OF MUSIC
Kewen Cheng  Pingdingshan, China
Craig J. Peterson  Fergus Falls, Minnesota
Brent Platta  Apple Valley, Minnesota

MASTER OF SCIENCE
Ahadujjaman  Pirojpur, Bangladesh
Sociology
Natalie A. Basta  Clinton, Minnesota
Anthropology
Aastha S. Bhandari  Pokhara, Nepal
Emergency Management
Dominic J. Davis  Bismarck, North Dakota
Criminal Justice
Jesse J. Groettem  Farwell, Minnesota
Emergency Management
Mitchell S. Obach  Selkirk, Manitoba
Community Development
Nikolaus T. Schrank  Burnsville, Minnesota
Criminal Justice
Benjamin D. Seyfried  Buxton, North Dakota
Kathryn Strand  Fargo, North Dakota
History
Zachary L. Vietz  West Fargo, North Dakota
English

BACHELOR OF ARTS
•• Emmett A. Adair  Bismarck, North Dakota
History
• Gina M. Auran  International Falls, Minnesota
English
Psychology
• Grace E. Boyson  Minneapolis, Minnesota
English
• Jazen J. Bratcher  Williston, North Dakota
Political Science
• Maryam F. Bukhari  Fargo, North Dakota
Strategic Communication
• Jamison M. Feske  Fargo, North Dakota
Spanish
• Natalie L. Harmon  Fargo, North Dakota
Criminal Justice
• Spenser C. Kallander  Fargo, North Dakota
French
• Cassandra M. Pennings  Rogers, Minnesota
English
Melody D. Thomas  Fargo, North Dakota
French
Amy J. Tichy  Tower City, North Dakota
Art

BACHELOR OF FINE ARTS
Nikole L. Bohnsack  Ramsey, Minnesota
Theatre Arts
• Jodi A. Claffin  Fargo, North Dakota
Art
Paris J. Curry  Fargo, North Dakota
Theatre Arts

Jackson J. Funke  Minneapolis, Minnesota
Theatre Arts
Allison M. Galde  Rochester, Minnesota
Art
• Ethan J. Geinsness  Brooklyn Park, Minnesota
Theatre Arts
• Raquel A. Mellegaard  Fargo, North Dakota
Art
Reina M. Paulus  Bottineau, North Dakota
Art
Jacob A. Schwitalla  St. Cloud, Minnesota
Art
Riley J. Smith  Bismarck, North Dakota
Theatre Arts
• Hannah M. Tangen  Bismarck, North Dakota
Art

BACHELOR OF LANDSCAPE ARCHITECTURE
•• Alexandra K. Kotte  Fargo, North Dakota

BACHELOR OF MUSIC
••• Lauren R. Craig  Fargo, North Dakota
Johnathan A. Fischer  Fargo, North Dakota
• Taylor R. Krug  Fargo, North Dakota
• Connor H. Lane  Rochester, Minnesota
• Jennifer R. Nannenga  Jamestown, North Dakota
Elijah T. O’Sullivan  Albertville, Minnesota
• Alexis R. Rusch  Bismarck, North Dakota
• Makayla B. Scherrer  East Grand Forks, Minnesota
Ryan P. Wileman  Fargo, North Dakota

BACHELOR OF SCIENCE
• August B. Aaland  Christine, North Dakota
Strategic Communication
• Jordan L. Aberle  Bismarck, North Dakota
Political Science
•• Zeina M. Abouelazm  Cairo, Egypt
Management Communication
Emergency Management
Twila J. Anderson  Moorhead, Minnesota
Sociology
Emergency Management
• Alexander R. Arrayan  Minot, North Dakota
Environmental Design
Sadie I. Balken  Elk River, Minnesota
Strategic Communication
Cameron D. Bauder  Fargo, North Dakota
Theater Arts
Jordan M. Bercier  Minot, North Dakota
Political Science
•• Emily R. Berglind  Fargo, North Dakota
Criminal Justice
Ingrid J. Berry  Fargo, North Dakota
Environmental Design
Griffin B. Birmingham  Fargo, North Dakota
English
Jacob R. Boguslawski  Decorah, Iowa
Criminal Justice
Maryam F. Bukhari  Fargo, North Dakota
Strategic Communication
• Maxwell J. Borman  Minneapolis, Minnesota
Journalism
English

• Cum Laude  •• Magna Cum Laude  ••• Summa Cum Laude  + Summer Candidate
Travis D. Boyum Rosemount, Minnesota+ Criminal Justice
• Victoria L. Braaten Kindred, North Dakota Strategic Communication
• Abigail L. Brown Valley City, North Dakota Environmental Design Art
Ethan Z. Brown Hope, North Dakota Criminal Justice
• Leah M. Brown Minot, North Dakota Criminal Justice
• Haley A. Bruggeman Thief River Falls, Minnesota Strategic Communication Women and Gender Studies
• Tatum D. Butz Bismarck, North Dakota Art
Taylor C. Campbell Fargo, North Dakota Emergency Management
Colin J. Ceason Farmington, Minnesota Environmental Design
Gabrielle Clavo Grand Forks, North Dakota+ Public History
Alyssa C. Costello Fargo, North Dakota+ Emergency Management
• Bailey M. Cowling Lincoln, Nebraska Art
Ashley L. Davis Belcourt, North Dakota Sociology
Sawyer Delp Willmar, Minnesota Environmental Design
Dylan M. Diemer Fargo, North Dakota Emergency Management
Allaondra B. Doyle Maple Grove, Minnesota Journalism
Joshua G. Dura Kindred, North Dakota Criminal Justice
• Aleah E. Dyk Bismarck, North Dakota Criminal Justice
• Jackson V. Ehler Maple Grove, Minnesota Criminal Justice
Mason T. Eisenschken St. Cloud, Minnesota Political Science
• Grant R. Engeman Brooklyn Park, Minnesota Spanish
• Sewit T. Eskinder Crystal, Minnesota Music
Emilie Espelund Argusville, North Dakota+ Emergency Management
• Maxwell A. Evenson Fargo, North Dakota+ English
• Amelia J. Everhart Apple Valley, Minnesota Public History
Ryan K. Falconer St. Cloud, Minnesota+ Criminal Justice
• Haley S. Fleischer Coon Rapids, Minnesota Strategic Communication
• Michaela Gaislerova Fargo, North Dakota Journalism
Quinn J. Garrick Anoka, Minnesota Political Science
Crystal S. Goodman Fargo, North Dakota Political Science
Samantha J. Gould St. Michael, Minnesota+ Sociology
Ezra J. Gray Bismarck, North Dakota Political Science
Alex J. Grider Nevis, Minnesota History

Tristan J. Groah Fargo, North Dakota History
• Matthew J. Hager Battleview, North Dakota Criminal Justice
Cameron R. Hagstrom Fargo, North Dakota Political Science
• Rebecca Haller Fargo, North Dakota Music
Kai J. Halverson Farmington, Minnesota Environmental Design
Grace E. Halvorson Fargo, North Dakota Management Communication
Kellin L. Harmon Carrington, North Dakota Journalism
Jacy L. Hauge Leith, North Dakota Agricultural Communication
Nathan C. Hauke Fargo, North Dakota Criminal Justice
Roger A. Hays Foxfield, Colorado+ Political Science
• Jacob P. Holle New Salem, North Dakota History
• Hailey R. Jackson Hoope, North Dakota Strategic Communication
Jayden J. Jackson Hutchinson, Minnesota+ Criminal Justice
Nathan A. Jacobson Prior Lake, Minnesota Criminal Justice
Winnie A. James Fargo, North Dakota Sociology
Alexander J. Jaye Fargo, North Dakota Emergency Management
Abe L. Johannes West Fargo, North Dakota+ Criminal Justice
Taylor C. Jore West Fargo, North Dakota Criminal Justice
• Abigail L. Keys Moore, Oklahoma+ English
Brian a. King West Fargo, North Dakota Emergency Management
Clara A. Konetschka Fargo, North Dakota Strategic Communication
Killian D. Konrady Hastings, Minnesota+ Criminal Justice
• Alexandra K. Kotte Fargo, North Dakota Environmental Design
Trey T. Kramer Larchwood, Iowa Environmental Design
M’Kenna J. Krehnvin Barney, North Dakota Strategic Communication
Allyson E. Kriewald Fargo, North Dakota Sociology
Shiori Kudo Fargo, North Dakota Political Science
Madeline E. Larson Prior Lake, Minnesota Criminal Justice
Jonnah S. Lee Velva, North Dakota Agricultural Communication
• Sina S. Lee Maplewood, Minnesota Environmental Design
Katie Leitch Fargo, North Dakota Emergency Management
• Jory N. Lill Monticello, Minnesota Criminal Justice
• Alexis K. Limesand Fargo, North Dakota Music
• Haley E. Lind West Fargo, North Dakota Environmental Design

• Cum Laude •• Magna Cum Laude ••• Summa Cum Laude + Summer Candidate
Erica J. Loose Fargo, North Dakota Strategic Communication
Mitchell E. Lovell Fargo, North Dakota* Journalism
Brett A. Lovgren Harmony, Minnesota Criminal Justice
Ahmed M. Makaraan Fargo, North Dakota Emergency Management International Studies
Caitlyn J. Marty Bayport, Minnesota Criminal Justice Psychology
Andrew W. McGuire Fergus Falls, Minnesota Criminal Justice
Kiara K. Mens Stillwater, Minnesota Strategic Communication
Kelley S. Miller West Fargo, North Dakota English Madeline S. Milles Moorhead, Minnesota Strategic Communication
Abdirahman M. Mohamud Fridley, Minnesota+ Environmental Design Natalie J. Monnier Cedar, Minnesota Strategic Communication
Ethan T. Monroe Farmington, Minnesota Criminal Justice Paityn C. Morehart Fargo, North Dakota Criminal Justice
Kerri J. Motacek Moorhead, Minnesota Anthropology Ryan J. Nix Chanhassen, Minnesota+ Journalism Phillip A. Norris Henderson, Nevada Anthropology
Autumn E. Ogden Marshall, Wisconsin Criminal Justice Andrew Olsen Anoka, Minnesota+ Sociology
Emily E. Olsen Fargo, North Dakota Strategic Communication Preston Olson Ramsey, Minnesota Journalism
Madeline E. Patterson Kenyon, Minnesota+ Agricultural Communication Jack T. Payette Duluth, Minnesota+ Strategic Communication
Jonathan O. Ross Fargo, North Dakota Political Science Jarod T. Roth Forman, North Dakota Political Science Weston J. Schlaffmann Fargo, North Dakota Criminal Justice Kelly A. Schreiner Hunter, North Dakota Management Communication
Evan J. Schroeder Alexandria, Minnesota Anthropology
Erica J. Solberg Bismarck, North Dakota Political Science Tori C. St Aubin Marshall, Minnesota Art
Olivia M. Strickler Phoenix, Arizona Strategic Communication Thomas M. Swenson Moorhead, Minnesota Environmental Design Garret C. Symington Neche, North Dakota Philosophy/Humanities Political Science
Alexys V. Walker Mandan, North Dakota Political Science Matthew R. Walter Centerville, Minnesota Criminal Justice Quinn M. Wangler Fargo, North Dakota English Kassey A. Ward Fargo, North Dakota Anthropology Women and Gender Studies
Gregory Weber Anchorage, Alaska History
McKenna J. Weisenburger Wilton, North Dakota Criminal Justice Nicole A. Wesbur Belgrade, Minnesota Criminal Justice Jack R. Whelan Inver Grove Heights, Minnesota+ Art Mikhail R. Wicker Dilworth, Minnesota+ Emergency Management Sydney Z. Wilkie Sloughouse, California Management Communication
BACHELOR OF SCIENCE IN ARCHITECTURE
Sidney J. Angell St. Cloud, Minnesota
Ashton L. Barta West Fargo, North Dakota
Joseph M. Berens Shakopee, Minnesota Justin C. Berg Fargo, North Dakota
Greta M. Bleeker Onomo, Minnesota
McKenna G. Brown Bismarck, North Dakota

* Cum Laude •• Magna Cum Laude ••• Summa Cum Laude • Summer Candidate
• Carol M. Carpenter Cannon Falls, Minnesota
• Hunter J. Chaput Erskine, Minnesota
• Audrey Crandell Minnetonka, Minnesota
• Luke M. DeVries Fargo, North Dakota
• Emma J. Dietrich East Grand Forks, Minnesota
• Jacob T. Edwards Afton, Minnesota
• Jay W. Forbes Fargo, North Dakota
• Jacob E. Foster Hastings, Minnesota
• Ryan M. Friesen Moorhead, Minnesota
• Daniel L. Gottwald St. Cloud, Minnesota
• Kiara R. Groth Shoreview, Minnesota
• Trevor J. Guck Perham, Minnesota
• Luke P. Gulbranson Moorhead, Minnesota
• Kaili M. Haller Superior, Wisconsin
• Jared M. Hallman Elk River, Minnesota
• Taylor E. Hemmesch Minnetonka, Minnesota
• Jordan D. Henry Foley, Minnesota
• Jared R. Hunt Forest Lake, Minnesota
• Syris A. Jenson Mountain, North Dakota
• Jared L. Kaesmeyer Coon Rapids, Minnesota
• Shayna K. Karuman Fargo, North Dakota
• Oleg Kharb Kharkiv, Ukraine
• Samuel A. Klun Lindstrom, Minnesota
• Emily L. Krell Alexander, North Dakota
• Reanna Lardy Tea, South Dakota
• Riley E. Longnecker New Rockford, North Dakota
• Jordan M. Magistad Lake Elmo, Minnesota
• Nicole I. Mathiowetz Alexandria, Minnesota
• Elsie M. McGuigan Rapid City, South Dakota
• JeAnna M. Miller Alexandria, Minnesota
• Chase L. Mosser Minot, North Dakota
• Daniel J. Ness Parker, Colorado
• Mary J. Nyaronga Fargo, North Dakota
• Alyssie A. Ogaard Williston, North Dakota
• Emily S. Olson Fargo, North Dakota
• Mitchell S. Osland Rogers, Minnesota
• Kaleb L. Overman Sioux Falls, South Dakota
• Daniel K. Porwoll Mounds View, Minnesota
• Mckenna L. Reller Edina, Minnesota
• Adam J. Reynolds Duluth, Minnesota
• Jacob R. Saunders Minot, North Dakota
• Amanda K. Scott Lakeville, Minnesota
• Elaine K. Smith Big Lake, Minnesota
• Winfred A. Stinar IV Fargo, North Dakota
• Dominic M. Sunder Little Falls, Minnesota

• Eva M. Taylor Fargo, North Dakota
• James W. Thomson Stillwater, Minnesota
• Jeremiah C. Thyen Sauk Rapids, Minnesota
• Gabriella A. Toquam Maple Grove, Minnesota
• Brennan J. Tyler Bismarck, North Dakota
• Christopher A. Utt Caselton, North Dakota
• Greta J. Vogeler Monticello, Minnesota
• Alecia M. Vogl Fargo, North Dakota
• Amelia R. Walker Minneapolis, Minnesota

BACHELOR OF UNIVERSITY STUDIES
Shannon E. Crosby Excelsior, Minnesota*
Karen J. Derdoski Litchfield, Minnesota
Tristan H. Duenow Fargo, North Dakota
Lonn S. Fougner Fargo, North Dakota
Andrew J. Grieve Fargo, North Dakota
Jeremy J. Gristeinner Fargo, North Dakota
Annabelle M. Hardwick Mantorville, Minnesota
Joshua A. Hayes Lakeland, Florida
Alex S. Kepler La Jolla, California
Brenda K. Krupich Fargo, North Dakota
Skylar C. Larson Mayer, Minnesota*
Rebecca J. Leitzen Iowa Falls, Iowa
Darrien J. Lipscomb Dallas, Texas
Hayed L. Martineau Fargo, North Dakota*
Daniel Martinez Moreno Pelican Rapids, Minnesota
Lucas W. Milligan Fargo, North Dakota
Samantha M. Muth Mandan, North Dakota
Anthony J. Nemer Fargo, North Dakota
Shane Nickelson Webster, Minnesota
Krista E. Padgett Two Harbors, Minnesota
Zachary J. Pocquette Nashwaik, Minnesota*
Abriana D. Prince Fargo, North Dakota
Kyle W. Roth Bismarck, North Dakota
Evan Sankey Neenah, Wisconsin
Madeline C. Schell St. Paul, Minnesota
Zachary J. Schertler Deer Creek, Minnesota
Calen J. Schwabe Thompson, North Dakota
Amy E. Seifert Fargo, North Dakota
Thomas M. Smieja Battle Lake, Minnesota
Brandon A. Spah Fargo, North Dakota
Kalvin N. Troje New Brighton, Minnesota*
Luke T. Weber Forsyth, Montana
Ashley F. Weixel New Rockford, North Dakota

* Cum Laude  ** Magna Cum Laude  *** Summa Cum Laude  + Summer Candidate
DOCTOR OF PHILOSOPHY
Hamad Q. Alqublan Transportation and Logistics Fargo, North Dakota
“Logistics of North Dakota State Local Food System. An Empirical Study to Measure Local Food Supply and Demand. Food Hub Feasibility Study” Adviser: Dr. Joseph Szmerekovsky
Amin Keramati Transportation and Logistics Esfahan, Iran “Safety Management System for Highway-Rail Grade Crossings” Adviser: Dr. Pan Lu
Fangzheng Yuan Transportation and Logistics Xiajiang, China “Outpatient Appointment Scheduling Study: Utilization Projection, No-Show Prediction, and Capacity Allocation” Adviser: Dr. Joseph Szmerekovsky

MASTER OF SCIENCE
Isaac Flage Reiles Acres, North Dakota Business Analytics
Ismael Kamara Andover, Minnesota Business Analytics
Sarah Quenette West Fargo, North Dakota Business Analytics
Zachary A. Remple Moorhead, Minnesota Business Analytics
Jacob Richter Bismarck, North Dakota Business Analytics
Xinxin Wang West Fargo, North Dakota Business Analytics

BACHELOR OF SCIENCE
Samuel A. Aamoth Bloomington, Minnesota Finance
Zamzam M. Abdi Fargo, North Dakota Finance
Abigail M. Aberle Fargo, North Dakota Accounting
Aly A. Aboueldahab Cairo, Egypt Finance
Jacob M. Ament Jamestown, North Dakota Finance
Corbin P. Amundson Crystal, Minnesota Accounting
Averie T. Anderson Bismarck, North Dakota Business Administration
Daniel Anderson Fergus Falls, Minnesota Finance
Melissa R. Anez Little Falls, Minnesota Business Administration
Brenden J. Archbold Marshall, Minnesota Business Administration
Eric P. Arntson Excelsior, Minnesota Business Administration
Katelyn M. Ask West Fargo, North Dakota Management
Joshua N. Babicz Deer Park, Illinois Management Information Systems
Tyler A. Backman Bismarck, North Dakota Management Information Systems
Luke A. Baker Hancock, Minnesota Business Administration
Bryce J. Bakkegard Fargo, North Dakota Business Administration
Sydney F. Balstad Foston, Minnesota Management Information Systems
Ashley M. Bandemer Glencoe, Minnesota Marketing
Wilson Barnett Fargo, North Dakota Marketing
Shelby N. Bartusek Prior Lake, Minnesota Business Administration
Maxwell W. Bautch Ham Lake, Minnesota Finance
Taylor Beck Coon Rapids, Minnesota Finance
Jarrod J. Berger Grafton, North Dakota Management Information Systems
Kyle R. Berger Onalaska, Wisconsin Business Administration
Evans Bigombi Ghana, Africa Finance
Gibson L. Board Andover, Minnesota Finance
• Cum Laude •• Magna Cum Laude ••• Summa Cum Laude + Summer Candidate

** Jonathan M. Brooks Fargo, North Dakota Finance
Aaron C. Brouillet Lino Lakes, Minnesota Management
Thomas J. Bruchu Lake Elmo, Minnesota Business Administration
• Nhu L. Bui Da Lat, Vietnam Finance
• Ian M. Burnham Minot, North Dakota Management Information Systems
Samuel S. Busmann Medrose, Minnesota Business Administration
Joseph S. Cegla Fargo, North Dakota Business Administration
• Matthew D. Cherne Pillager, Minnesota Finance
• Ashley Cheuk Fargo, North Dakota Accounting
Dieumerci Christel West Fargo, North Dakota Management Information Systems
Grace A. Christianson International Falls, Minnesota+ Management
• Emily S. Christofferson Napoleon, North Dakota Marketing
Ryan P. Clancy Bismarck, North Dakota Finance
Thomas F. Clobes Mound, Minnesota+ Marketing
Zachary R. Cossette Oxbow, North Dakota Finance
Clara M. Counts Crystal, Minnesota+ Business Administration Global Business
Brynnan Covington Perham, Minnesota Management
• Grace L. Culshaw Willmar, Minnesota+ Accounting
Cy R. Cyr Fargo, North Dakota+ Finance
Victor P. Daley Golden Valley, Minnesota Business Administration
• Matthew D. Davidson Champlin, Minnesota Marketing
• Jessica R. Deters St. Joseph, Minnesota Accounting Finance
Connor C. Disrud Detroit Lakes, Minnesota Business Administration
• Karlie M. Dockter Harvey, North Dakota Business Administration
Jewel L. Dodd Fargo, North Dakota Management
Devin Donelson Elk River, Minnesota+ Business Administration
Madelyn P. Drew Zimmerman, Minnesota+ Business Administration
** Jocelyn N. Dubbels Dilworth, Minnesota Management
Zachary C. Dummer Alexandria, Minnesota Management Information Systems
Jacob J. Edland West Fargo, North Dakota Finance
Sabrina K. Eggert Kenyon, Minnesota Accounting
Ashley Eichten Maple Grove, Minnesota Marketing Management

*** Victoria K. Erickson McGregor, North Dakota Accounting
Ryder A. Erman Woodworth, North Dakota Business Administration
Spencer B. Feggstad Champlin, Minnesota Finance
Zach Fischer Marshall, Minnesota Marketing
Camryn R. Fode Fargo, North Dakota Business Administration
Mara K. Fossum Savage, Minnesota Marketing Management Information Systems
Giovanni M. Fragoso Fargo, North Dakota Management Information Systems
** Matthew T. Freier Kindred, North Dakota Business Administration
Jared W. Freitag West Fargo, North Dakota+ Accounting Veterinary Technology
Garret J. Frisk Fargo, North Dakota+ Business Administration
Tyler J. Fudge Perham, Minnesota Marketing
Ashley C. Gabehart Valley City, North Dakota Finance
George T. Garrison Fargo, North Dakota Management
Caden Gatlin Elk River, Minnesota Business Administration
Bradley Gilbertson Waconia, Minnesota Management
• Abigail M. Glaser Ramsey, Minnesota Management
• Savannah F. Glover West Fargo, North Dakota Business Administration
Jaiden R. Greenwood Delano, Minnesota Business Administration
Connor D. Greseth St. Michael, Minnesota Marketing
Brady T. Groenewold Rogers, Minnesota+ Finance Business Administration
Benjamin P. Gronholz Victoria, Minnesota Marketing
Kurtis L. Guderjahn Fargo, North Dakota Accounting
** Alexander C. Gustafson Ortonville, Minnesota Business Administration
Cameron K. Hagen Fargo, North Dakota Management Information Systems
• Jada M. Halbakken Perham, Minnesota Accounting
Breanna L. Hamm-Coyne Detroit Lakes, Minnesota Accounting
John E. Harris IV Fargo, North Dakota  
Business Administration

Donovan J. Hart-Thomas St. Bonifacius, Minnesota  
Finance

Kendra S. Hassan Lino Lakes, Minnesota  
Marketing

Tyler M. Heagley Dihworth, Minnesota  
Accounting

Alex S. Hebert Fargo, North Dakota  
Business Administration

Shannon B. Henderson Jamestown, North Dakota  
Management  
• Dylan L. H. Henry Fargo, North Dakota  
Finance

Colton J. Hernesman Cohasset, Minnesota  
Business Administration

Peyton N. Hertz Alton, Minnesota  
Management  
• Charles F. Hesse Mendota Heights, Minnesota  
Marketing

Blake B. Hills Elk River, Minnesota  
Marketing

Gunnar A. Hitterdal Fargo, North Dakota  
Management Information Systems

Samantha D. Hooper Naples, Florida  
Marketing

Grant W. Isaak Horace, North Dakota  
Marketing

Peter J. Isais Colorado Springs, Colorado  
Management

Joshua Jackson Brooklyn Park, Minnesota  
Management Information Systems

Cheyenne A. Jacobson Max, North Dakota  
Management

James R. Jarski Parshall, North Dakota  
Business Administration

Danniella E. Jasper Calgary, Alberta  
Marketing

Emilly J. Jenson Grand Forks, North Dakota  
Management

Dillon P. Johnson Mayville, North Dakota  
Finance

Kevin J. Johnson Clontarf, Minnesota  
Management Information Systems

Rachel E. Jonasson Edinburg, North Dakota  
Accounting

Isaac J. Jordahl Wahpeton, North Dakota  
Management

Ireland R. Jung Dickinson, North Dakota  
Business Administration

Elizabeth S. Kachel Falcon Heights, Minnesota  
Management

Jack N. Kammers Rogers, Minnesota  
Business Administration

Timothy A. Kaufhold Jr. Victoria, Minnesota  
Business Administration

Cole B. Keeping Hawley, Minnesota  
Accounting  
Finance

Hunter K. Keller Beulah, North Dakota  
Business Administration

Taryn M. Kemper Herman, Minnesota  
Finance

Lucas A. King Claremont, Minnesota  
Marketing

Jacob L. Klavetter Spicer, Minnesota  
Management

Derek M. Knutson Maple Grove, Minnesota  
Marketing

Hattie K. Koeckeritz Fergus Falls, Minnesota  
Finance

Josephine R. Kruchten St. Cloud, Minnesota  
Finance

Alexander R. Kurvers Stanchfield, Minnesota  
Business Administration

Brady T. Kata Andover, Minnesota  
Management

Brandon M. Labat Marshall, Minnesota  
Management Information Systems

Bennett S. Lally Lino Lakes, Minnesota  
Finance

Evan C. Langowski Brooklyn Park, Minnesota  
Finance

Jamie L. Lanoue Alexandria, Minnesota  
Management

Ka’Te’ LeBeau Gettysburg, South Dakota  
Finance

Cole LeDoux Rockford, Minnesota  
Finance

Brady M. Liebl Mahnomen, Minnesota  
Accounting

Gavin R. Longthorne Hilliboro, North Dakota  
Marketing

Darion L. Love Jr. Centerville, Minnesota  
Management

Kennedy MacIntosh White Bear Lake, Minnesota  
Management

Alexus E. Mahlum Bowbells, North Dakota  
Accounting

Carley A. Manley Fargo, North Dakota  
Marketing  
Business Administration

Philip M. Mathews Osakis, Minnesota  
Business Administration

Rebekkah J. Maxfield Fargo, North Dakota  
Accounting

Abbigael M. McCauley Fargo, North Dakota  
Accounting

Taylor McCord Oregon, Wisconsin  
Marketing

Trevor J. Mehlihoff Wing, North Dakota  
Marketing

Mathew R. Meier Fargo, North Dakota  
Accounting

Jennifer C. Melom Ashley, North Dakota  
Business Administration

Michael M. Menth Ham Lake, Minnesota  
Management

Morgan C. Meyer Brooten, Minnesota  
Business Administration

McGwire E. Midkiff Carter Lake, Iowa  
Marketing

Trent J. Midthun Brainerd, Minnesota  
Marketing

Matthew M. Miranda Grand Forks, North Dakota  
Management Information Systems

Kayla M. Mittelsteadt Bismarck, North Dakota  
Accounting  
Business Administration

John P. Morrison Aberdeen, South Dakota  
Finance

Bryce J. Nelson Grand Forks, North Dakota  
Finance
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<td><strong>Emily M. Sterling</strong></td>
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<td><strong>Global Business</strong></td>
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<td>Emilee M. Stevens</td>
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Sequoia I. Uribe  Hazen, North Dakota  
Marketing
Andrew R. Van Craenenbroeck  Onalaska, Wisconsin  
Management
Michael N. Vater  Osceola, Wisconsin  
Business Administration
Haley L. Verkuhle  Arvilla, North Dakota  
Marketing
* Courtney H. Walsh  West Fargo, North Dakota  
Business Administration
Grant T. Walz  Cold Spring, Minnesota  
Management Information Systems
Johnathan R. Ward  Richmond, Minnesota  
Management Information Systems
Ryan R. Warwick  Browerville, Minnesota  
Finance
Umer Wasim  Fargo, North Dakota  
Business Administration
Mason D. Weber  Victoria, Minnesota  
Marketing
Kailyen M. Weinzeil  Annandale, Minnesota  
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ERIC A. WELLE  Alexandria, Minnesota  
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Sierra M. Wendt  Buffalo, North Dakota  
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Michael J. Wieczorek  Eagan, Minnesota  
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Blake A. Wilcox  West Fargo, North Dakota  
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Tyler M. Witz  Clearwater, Florida  
Finance
Mahli Wold  Elk River, Minnesota  
Business Administration
* Kevin Yi  Rochester, Minnesota  
Management Information Systems
Jared R. Young  Bemidji, Minnesota  
Accounting
Nicholas R. Zink  Horace, North Dakota  
Marketing
DOCTOR OF PHILOSOPHY

Mostofa K. Ahsan

Computer Science

Jhenaidah, Bangladesh

“Increasing the Predictive Potential of Machine Learning Models for Enhancing Cybersecurity”

Adviser: Dr. Kendall Nygard

Abdulaziz Alanazi

Software Engineering

Fargo, North Dakota

“Assessment of Engineering Methodologies for Increasing CubeSat Mission Success Rates”

Adviser: Dr. Jeremy Straub

Shadi M. Alian

Computer Science

Fargo, North Dakota

“Knowledge-Based Personalized Healthcare Self-Management for Diabetes Patients of American Indians/Alaska Natives (AI/ANS)”

Adviser: Dr. Juan (Jen) Li

Asif Arshid

Civil Engineering

Gujranwala, Pakistan


Adviser: Dr. Ying Huang

Abhishek Banerjee

Electrical and Computer Engineering

Kolkata, India

“Resilient Monitoring and Robust Control Towards Blackout Prevention in Modern Power Grids”

Adviser: Dr. Rajesh Kavasseri

Alex V. Davila Frias

Industrial and Manufacturing Engineering

Quito, Ecuador

“Some Studies on Reliability Analysis of Complex Cyber Physical Systems”

Adviser: Dr. Om Yadav

Fleming Gudagnuti

Electrical and Computer Engineering

Kadag, India

“Rare Molecule Biomarker Detection using Dielectrophoresis Spectroscopy”

Adviser: Dr. Ivan Lima Jr.

Christopher B. Hill

Civil Engineering

Dallas, Texas

“Application of Systemic Risk Management Approaches to Potential Environmental and Public Health Impacts During Unconvention Oil and Gas Development”

Adviser: Dr. Eakalak Khan

MD Faisal Kabir

Computer Science

Dauphin, Bangladesh

“Extracting Useful Information and Building Predictive Models from Medical and Health-Care Data using Machine Learning Techniques”

Adviser: Dr. Simone Ludwig

Krishna K. Kambhampaty

Computer Science

Fargo, North Dakota

“Detecting Insider and Masquerade Attacks by Identifying Malicious User Behavior and Evaluating Trust in Cloud Computing and IoT Devices”

Adviser: Dr. Kendall E. Nygard

Md Mahabubur Rahaman

Industrial and Manufacturing Engineering

Yankton, South Dakota

“Study of Organizational Transformation from Socio-Technical Perspective”

Adviser: Dr. Om Yadav

Mohammadreza Ramzanpour

Mechanical Engineering

San Luis Obispo, California

“Optimization of Brain Tissue Nonlinear Constitutive Modeling Using Micromechanical Finite Element Simulation”

Adviser: Dr. Ghodrat Karami

Unma S. Rashid

Civil Engineering

Chittagong, Bangladesh

“Weak Organic Acid Modified Granular Activated Carbon and Ceria Nanomaterial Embedded Graphene Oxide for Drinking Water Fluoride Removal”

Adviser: Dr. Achintya Bezbaruah

Aakanksha Rastogi

Software Engineering

Plymouth, Minnesota

“Trust and Anti-Autonomy Modeling of Autonomous Systems”

Adviser: Dr. Kendall E. Nygard

Niloy Saha

Civil Engineering

Dhaka, Bangladesh

“Freeway System Capacity: Assessing the Impact of Mixed Traffic with Autonomous and Connected Autonomous Vehicles”

Adviser: Dr. Diono Motuba

MASTER OF CONSTRUCTION MANAGEMENT

Dylan J. Doherty
San Marcos, California

Zachery M. Webb Keel
Minot, North Dakota

Ekalath Sophaphanh
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Sean Toner
Point Pleasant Beach, New Jersey

MASTER OF ENGINEERING

Youli Wang

Changzhou, China

Electrical and Computer Engineering

MASTER OF SCIENCE

Mohammad Reza Ali

Dhaka, Bangladesh

Computer Science

Wyly Andrews
Minneapolis, Minnesota

Computer Science
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<td>Jinan, China</td>
<td>Construction Management</td>
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<td>Qianqian Yao</td>
<td>Juye, China</td>
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</tbody>
</table>

**MASTERS OF SOFTWARE ENGINEERING**
- Benedicto J. Campbell Fargo, North Dakota
- Jill E. Peterson West Fargo, North Dakota
- Geri L. Shaeffer Mckinney, Texas
- Kellen W. Zanders Des Moines, Iowa

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- Riley K. Abrahamson Bowman, North Dakota Computer Science
- Ronald A. Alean Lake Worth, Florida Computer Science
- Rebecca J. Chepkinwok Fargo, North Dakota Computer Science
- Gladys C. Rotich Fargo, North Dakota Computer Science

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- Andrew M. Bergerson Lakeville, Minnesota+ Computer Science
- Damien S. Danelson Minot, North Dakota Computer Science
- Spencer D. Dean Dilworth, Minnesota Computer Science
- Jeffrey T. Hanson Fargo, North Dakota Computer Science
- Benjamin C. Harvey Hazen, North Dakota Computer Science
- Nikoli P. Heiser Canonsburg, Pennsylvania Computer Science
- Riley Hess Blaine, Minnesota Computer Science
- Huan Ho Hsinchu, Taiwan Computer Science
- Ethan A. Holland Rogers, Minnesota Computer Science
- Benjamin P. Hritzko Champlin, Minnesota+ Computer Science
- Jack N. Law Andover, Minnesota Computer Science
- Charles A. Kanoy Minot, North Dakota Computer Science
- Benjamin V. Koivula Bottineau, North Dakota Computer Science
- Olson L. Langness Moorhead, Minnesota Computer Science
- Zachary E. Miller Fargo, North Dakota Computer Science
- Andrew J. Niehaus Fargo, North Dakota Computer Science

* Cum Laude  ** Magna Cum Laude  *** Summa Cum Laude  + Summer Candidate
** Sophie R. Noel Fargo, North Dakota
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** Caleb S. Olson Bismarck, North Dakota
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  Computer Science
Nicholas L. Pfeifer Horace, North Dakota
  Computer Science
Kyle R. Pietrowski Fargo, North Dakota
  Computer Science
Carter E. Rakenrud Kempten, North Dakota
  Computer Science
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    Computer Science
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  Computer Science
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  Computer Science
  • Austin T. Rolandsen Byron, Minnesota
    Computer Science
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  Computer Science
Dustin D. Sampson West Fargo, North Dakota
  Computer Science
** Ansley M. Schug Woodbury, Minnesota
  Computer Science
Tongxin Shi Fargo, North Dakota
  Computer Science
  • Justin M. Slater Maple Grove, Minnesota
    Computer Science
Dylan R. Smith Jamestown, North Dakota
  Computer Science
  • Jacob W. Smith Fargo, North Dakota
  Computer Science
  • Jarod M. Smith Horace, North Dakota
  Computer Science
Quinton A. Stanley Maple Grove, Minnesota
  Computer Science
Beau G. Stensgard Moorhead, Minnesota
  Computer Science
Matthew A. Tassava West Fargo, North Dakota
  Computer Science
Catharine L. Vetter West Fargo, North Dakota
  Computer Science
Connor A. Wendolek Eagan, Minnesota
  Computer Science
  • Hunter E. White Ellendale, North Dakota
    Computer Science
  • Andrew R. Wickoren Minnetonka, Minnesota
    Computer Science
  • Lacey M. Yepma Laporte, Minnesota
    Computer Science
  • Trent T. Yetzer Monticello, Minnesota
    Computer Science
Brandon Young Grey Eagle, Minnesota
  Computer Science
Alexander J. Zink Andover, Minnesota
  Computer Science

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** Breeya Pederson Shorview, Minnesota
** Cameo I. Salzer Barnum, Minnesota
Sarah A. Senechal Balfour, North Dakota
Nicholas J. Toth Mendota Heights, Minnesota
Carter L. Weiser Jamestown, North Dakota
Luke D. Welle Moorhead, Minnesota

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    Alec C. Babin Oakdale, Minnesota
    Isaac N. Berg Bemidji, Minnesota
    Jared P. Buchholz Big Lake, Minnesota
    Samuel J. Busker Detroit Lakes, Minnesota
  • Amarissa A. Carlson Cloquet, Minnesota
  • Gunnar A. Cowing New Ulm, Minnesota
    Molly S. Cyr Red Wing, Minnesota
  • Etta J. DeLong Janesville, Minnesota
    Yash S. Deshpande Governorate of Muscat, Oman, India
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  • Garret D. Engelke West Fargo, North Dakota
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“Advanced Practice Providers’ Experiences Precepting Nurse Practitioner Students”
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“Adverse Childhood Experiences Among College Students: Best-Practice Recommendations for Student Health Clinicians”
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“C.O.P.E. Influence on Resiliency and Self-Efficacy in a Rural North Dakota School (Creating Opportunities for Personal Empowerment)”
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<table>
<thead>
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<th>CUM LAUDE</th>
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| Jessica E. Pullan Pharmaceutical Sciences Reiles Acres, North Dakota “Chemical Modification of Bovine Milk Exosomes” Adviser: Dr. Sanku Mallik
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Ashley A. Lopez de Nava Fargo, North Dakota

Morgan J. Mach Farmington, Minnesota

Alexandra J. Mages New Ulm, Minnesota

Jean Paul Mansour Fargo, North Dakota

Brielle N. Marman Mandan, North Dakota

Hattie L. Mauch Wahpeton, North Dakota

Chelsey N. Metcalf Fargo, North Dakota

• Cum Laude •• Magna Cum Laude ••• Summa Cum Laude + Summer Candidate
••• Rachael B. Meyer Grand Forks, North Dakota
• Ellyse S. Milender Valley City, North Dakota
•• Yasmin A. Mohamed Bismarck, North Dakota
•• Hanna N. Nelson Harwood, North Dakota
• Sara J. Nelson Coon Rapids, Minnesota
•• Riley M. Nemec International Falls, Minnesota
•• Emily J. Noon Wilton, North Dakota
•• Leah K. Olson Portland, North Dakota
• Madison T. Peichel Frazee, Minnesota
• Sierra D. Peters Lemmon, South Dakota
• Catherine Pettibone West Fargo, North Dakota
• Gabrielle C. Proefrock Becker, Minnesota
• Sara M. Purfeerst Rosemount, Minnesota
• Emma M. Quandt Oakes, North Dakota
• Leah D. Rietveld Rochester, Minnesota
• Julie A. Roberson Hesperia, Michigan
• Alanna L. Rohweller Bismarck, North Dakota
•• Shari D. Rolloff New Ulm, Minnesota
•• Taylor J. Roseen Maplewood, Minnesota
•• Nikki S. Russell East Helena, Montana

Destiny J. Schauer Moorhead, Minnesota
Maranda R. Schettle Hudson, Wisconsin
• Jamie N. Schmidt Fargo, North Dakota
• Megan R. Schmidt Shakopee, Minnesota
• Kyla A. Schock Mandan, North Dakota
Emily H. Spindler Plymouth, Minnesota
Alison M. Stetz Barnesville, Minnesota
• Megan R. Stuber North Branch, Minnesota
•• Taylor M. Swartwout Minot, North Dakota
• Robin R. Thomas Page, North Dakota
• Morgan J. Tisor Dickinson, North Dakota
• Brooke K. Top Valley Springs, South Dakota
• Julie A. Tyler Sioux Falls, South Dakota
• Katie A. Unbehaun Bismarck, North Dakota
Angelica Van Heel Forest Lake, Minnesota
Heather R. Vath Burnsville, Minnesota
• Lisa A. Wentz Mandan, North Dakota
• Shanae R. Wentz Napoleon, North Dakota
• Braden J. Wermager St. Michael, Minnesota
•• Alyssa D. Wolf Bismarck, North Dakota
Candidates will be presented by Dean Jill Nelson and marshaled by Dr. Elizabeth Hillard.

**DOCTOR OF EDUCATION**

**Felisa F. Mastel** *Education*
Wahpeton, North Dakota
“Utilizing an Instructional Intervention in Aquatics: An Experimental Study for Improving Wellness Awareness in Adults”
Adviser: Dr. Brent Hill

**Matthew J. Skoy** *Education*
Fargo, North Dakota
“Relationship Between Students’ Autonomy and Career Readiness”
Adviser: Dr. Chris Ray

**DOCTOR OF PHILOSOPHY**

**Lorraine G. Albrecht** *Counseling*
West Fargo, North Dakota
“School Counselors Promoting Staff Self-Care: An Action Based Research Project”
Adviser: Dr. Jill Nelson

**Vimbayi S. Chinopfukutwa** *Developmental Science*
Mutare, Zimbabwe
“Exploring the Concept of Prevescalation Through the Lens of Trauma: The Role of Students and Teachers”
Adviser: Dr. Joel Hektner

**Megan T. Degenstein** *Counseling*
Fargo, North Dakota
“Clinical Supervision Experiences of Trans Counselors in Training: An Interpretative Phenomenological Analysis”
Adviser: Dr. Jodi Tangen

**Amanda M. Groom** *Education*
Glyndon, Minnesota
“Predictors of Admission and Persistence for Pre-Licensure Bachelor of Science in Nursing Programs”
Adviser: Dr. Brent Hill

**Erin R. Hagen** *Counseling*
Moorhead, Minnesota
“Feminist Mentorship: Women Leading Men in Counselor Education”
Adviser: Dr. Brenda Hall

**Kay M. Hopkins** *Education*
Glyndon, Minnesota
“Developing a Measure of Need to Matter”
Adviser: Dr. Chris Ray

**Jessica M. Hotchkiss** *Counseling*
Christine, North Dakota
“Life Lessons From Death Work: A Phenomenological Study of Child Bereavement Workers in the United Kingdom”
Adviser: Dr. Carol Bachholz Holland

**Savanna E. Jellison** *Developmental Science*
Dulworth, Minnesota
“Does Mom Know Best? The Influence of Baby-Led Weaning on Picky Eating and Sweetener Use”
Adviser: Dr. Rebecca Woods

**Caitlin A. Johnson** *Education*
Belcourt, North Dakota
“Jumping Through Sacred Hoops: Multi-Ethnic Indigenous Identity and Approaches in Health and Wellness Education”
Adviser: Dr. Jodi Tangen

**Chloe M. Krinke** *Counseling*
Scranton, North Dakota
Adviser: Dr. Jodi Tangen

**Kassiani D. Landin** *Exercise Science and Nutrition*
Forest Lake, Minnesota
“Altering Cardiopulmonary Resuscitation Education Utilizing Deliberate Practice for Improving Psychomotor Skill Retention”
Adviser: Dr. Jodi Tangen

**Robert O. Lester** *Counseling*
Plumas Lake, California
“Measuring Storychange: An Exploratory Factor Analysis of a Narrative Therapy Instrument”
Adviser: Dr. Jodi Tangen

**Jennifer A. Longo** *Exercise Science and Nutrition*
Raleigh, North Carolina
“An Analysis of Muscle Activity During Load Carriage, ACFT Scores, and Back Pain in Army ROTC Cadets”
Adviser: Dr. Jodi Tangen

**Jodi Ost** *Education*
Milnor, North Dakota
“Does Mattering Really Matter to Graduate Students?”
Adviser: Dr. Brent Hill

**Jonix A. Owino** *Developmental Science*
Horace, North Dakota
“Aging Out of Place: Quality of Life and Successful Aging Among Older Refugee Immigrants”
Adviser: Dr. Heather Fuller

**Casey Peterson** *Education*
West Fargo, North Dakota
“Mindset Matters: An Investigation of How Implicit Theories Manifest in the Syllabus of the College Instructor”
Adviser: Dr. Nathan Wood
Kelsey S. Wilson Counseling
Northport, Alabama
“Professional Identity Development: Perceptions of African American Female Counselor Educators Success in Ph.D. Degree Completion at Predominately White Institutions”
Adviser: Dr. Carol Buchholz Holland

Steve Winfrey Education
Fargo, North Dakota
“Validating the Mindset Scale for Use With International Students Attending College in the United States”
Adviser: Dr. Chris Ray

DEGREE AWARDED POSTHUMOUSLY
Stephanie P. Waletzko St. Cloud, Minnesota
Exercise Science and Nutrition

MASTER OF ATHLETIC TRAINING
Louis Gerzin Ely, Minnesota
Preston R. Hewitt Fargo, North Dakota
Nolan M. Love Jamestown, North Dakota
Casey Sanis Fargo, North Dakota
Taylor M. Spicer Tower, Minnesota
Sofia Wentz Fargo, North Dakota

MASTER OF EDUCATION
Drew S. Bade Fargo, North Dakota
Education
Breanna M. Bregel Wahpeton, North Dakota
Agricultural Education
Nanci Bush West Fargo, North Dakota
Education Leadership
Sara M. Clemens Bottineau, North Dakota
Extension Education
Frederick H. Edwards Fargo, North Dakota
Educational Leadership
Pamela Faul Harvey, North Dakota
Educational Leadership
Colton J. Friesen Detroit Lakes, Minnesota
Counseling
Fayaleen Froseth Kemnare, North Dakota
Educational Leadership
Autumn L. Gossett Fargo, North Dakota
Counseling
Lisa Gusewelle Center, North Dakota
Education
Tony Guttmormson Hillsboro, North Dakota
Educational Leadership
Ashley R. Guy Minot, North Dakota
Counseling
Brandy Haugen Moorhead, Minnesota
Education Leadership
Taylor Hintgen Fargo, North Dakota
Counseling
Brooke Hoff Perley, Minnesota
Counseling
Dona J. Janssen Fargo, North Dakota
Educational Leadership
Amanda Jensen Hawley, Minnesota
Counseling
Candace D. Kornelsen Fargo, North Dakota
Counseling

Amy R. Lee Ripon, California
Family and Consumer Sciences Education
Ashley M. Limesand Sanborn, North Dakota
Counseling
Rane T. Nelson Havana, North Dakota
Counseling
Jamie A. Newberger Fargo, North Dakota
Counseling
Elizabeth Niewojna Wilsall, Montana
Counseling
Marissa M. Perry Little Falls, Minnesota
Counseling
Courtney A. Quist Moorhead, Minnesota
Counseling
Jenika Rufer Fargo, North Dakota
Counseling
Madison J. Schill Hillsboro, North Dakota
Counseling
Joshua C. Schreier West Fargo, North Dakota
Education
Brooke K. Schulte Bismarck, North Dakota
Education
Douglas Schulz Moorhead, Minnesota
Education
Hannah K. Staska St. Cloud, Minnesota
Counseling
Katrina A. Stollenwerk Fargo, North Dakota
Counseling
Angela Van Bruggen Valley City, North Dakota
Educational Leadership
Elise P. Ware Alton, Illinois
Education

MASTER OF SCIENCE
Hodan M. Aden San Diego, California
Human Development and Family Science
Christian D. Berry Hatton, North Dakota
Counseling
John T. Butler Fargo, North Dakota
Health, Nutrition and Exercise Science
Vanessa T. Christiuk Duforf, Manitoba
Human Development and Family Science
Nidia M. Cifuentes Chula Vista, California
Merchandising
Christopher J. Dimino Madison, Wisconsin
Advanced Athletic Training
Savanna E. Jellison Dilworth, Minnesota
Developmental Science
Alivia Forshey Canton, Ohio
Health, Nutrition and Exercise Science
Kaitlyn M. Johnson Fargo, North Dakota
Health, Nutrition and Exercise Science
Rachel Koscieliecki Berkley, Michigan
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Justin Kuehn Aurora, Illinois
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Madeline A. Nilles Fargo, North Dakota
Health, Nutrition and Exercise Science
Evan Pederson Grand Forks, North Dakota
Health, Nutrition and Exercise Science
Hannah N. Riegel Louisville, Kentucky
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Miranda L. Ripplinger Lisbon, North Dakota
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BACHELOR OF SCIENCE
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** Bremen L. Abuhl Fargo, North Dakota
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*** Cheyenne J. Ahn West Fargo, North Dakota
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Allie Altonen Brooklyn Park, Minnesota
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* Amelia C. Anderson Shakopee, Minnesota
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** Dejah D. Anderson Twin Valley, Minnesota
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Isaac M. Angellis Fargo, North Dakota
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Shannon L. Asheim Mohall, North Dakota
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** Zachary Atkins Fargo, North Dakota
Sport Management
** Annika R. Avery Fargo, North Dakota
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*** Noah Bachmeier Savage, Minnesota
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International Studies
* Brianna K. Baer Zimmerman, Minnesota
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** Hadja Bah Fargo, North Dakota
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Brandon S. Bauman Bismarck, North Dakota
Human Development and Family Science
*** Jack R. Begley Omaha, Nebraska
Exercise Science
* Brandon D. Benth Williston, North Dakota
Physical Education
* Miranda N. Berg Ironton, Minnesota
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*** Jonah A. Bergstrand Fergus Falls, Minnesota
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* Jenna R. Bernhardt Ternvick, North Dakota
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Sydney J. Borgen Fargo, North Dakota
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Felicia N. Borslien West Fargo, North Dakota
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Ivy R. Branden West Fargo, North Dakota
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*** Maybeth T. Ca West Fargo, North Dakota
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** Linnea G. Carlson Fargo, North Dakota
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Jessica N. Carlton Fargo, North Dakota
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Matthew R. Crawford Fargo, North Dakota
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Health Education
Corbin G. Dahl Carpio, North Dakota
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Allison N. Crotteau Cottage Grove, Minnesota
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Shannon E. Dawson Rosemount, Minnesota
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*** Montana J. DeCamp Fargo, North Dakota
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** Tyler C. Deering Alamo, North Dakota
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Alexis J. Dennis Thief River Falls, Minnesota
Sport Management
** Anne L. Dieter Danvers, Minnesota
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Nicole L. Dinger New Rockford, North Dakota
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** Emma E. Disse Detroit Lakes, Minnesota
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Halle N. Doro Elk River, Minnesota
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Ella K. Dostal Grand Forks, North Dakota
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** Grace A. Dragseth Watford City, North Dakota
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** Tyree W. Eady Middleton, Wisconsin
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** Aleeicia J. Eggen Plentwood, Montana
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Caitlyn J. Enger Stanley, North Dakota
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Kristy M. Estad Crystal, North Dakota
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  Business Administration

Hunter C. Fee Devils Lake, North Dakota
  Sport Management

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  Exercise Science

Jamison M. Feske Fargo, North Dakota
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Matthew E. Fischer Baxter, Minnesota
  Sport Management

Taylor J. Flaherty Plainview, Minnesota
  Physical Education
  Health Education

Danika R. Flanders Minto, North Dakota
  Exercise Science

Victor M. Fleischer Two Harbors, Minnesota
  Human Development and Family Science

Madison K. Flom Fargo, North Dakota
  Human Development and Family Science

Alyssa E. Formo Maynard, Minnesota
  Exercise Science

Alyssa N. Fowler Fargo, North Dakota
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  Health Education

Jay R. Franke Fargo, North Dakota
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Jack E. Fredrickson Farmerston, Minnesota
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  Health Education

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  French Education

Reedyn A. Hansen Fargo, North Dakota
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Kayla A. Heilig Wyoming, Minnesota
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Carson T. Held Fargo, North Dakota
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Kiersten M. Hensings East Grand Forks, Minnesota
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Nicholas R. Hendrickx New York Mills, Minnesota
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  Dietetics

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  Apparel, Retail Merchandising and Design

Grace A. Hofstad St. Bonifacius, Minnesota
  Human Development and Family Science

Nicholas J. Holben Jamestown, North Dakota
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Kristine Hopfauf Fargo, North Dakota
  Exercise Science

Alliana J. Houfek Maple Grove, Minnesota
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Briania N. Humphrey Bismarck, North Dakota
  Interior Design

Samantha R. Hypitinen Farmerston, Minnesota
  Human Development and Family Science

Alexi R. Irbeek Wanda, Minnesota
  Human Development and Family Science

Lila M. Iwerks Shoreview, Minnesota
  Exercise Science

Melanie A. Jabs Chaska, Minnesota
  Human Development and Family Science

Heidi J. Jacob Linton, North Dakota
  Family and Consumer Sciences Education

Mckayla J. Jacobson Finley, North Dakota
  Human Development and Family Science

Hannah Jaeger Inver Grove Heights, Minnesota
  Human Development and Family Science

Ryan A. Janish Fingal, North Dakota
  English Education

Abigail L. Jarrett Carrington, North Dakota
  Human Development and Family Science

Seth A. Johansen Underwood, Minnesota
  Human Development and Family Science

Camille M. Johnson Alexandria, Minnesota
  Exercise Science

Erik L. Johnson Valley City, North Dakota
  Agricultural Education

Jacob P. Johnson West Fargo, North Dakota
  Exercise Science

Kailey M. Johnson Elk River, Minnesota
  Family and Consumer Sciences Education
Jennifer R. Mertens  Devils Lake, North Dakota  Physical Education
• Claire D. Mettling  Milaca, Minnesota  Human Development and Family Science
• Brandon H. Metz  West Fargo, North Dakota  Sport Management
• Nicholas A. Miller  Fargo, North Dakota  English Education  French Education  French  English
• Anna J. Mies  Hawley, Minnesota  Human Development and Family Science
Evan J. Mohr  Moorhead, Minnesota  Exercise Science
Jenna Z. Moody  Cambridge, Iowa  Apparel, Retail Merchandising and Design
** Eric R. Moore  Moorhead, Minnesota  Exercise Science
Laura C. Morken  Bottineau, North Dakota  Agricultural Education
John N. Mueller  Moorhead, Minnesota  Interior Design
Eleanor K. Murphy  Graceville, Minnesota  Human Development and Family Science
** Chelsea B. Nanik  Staples, Minnesota  Interior Design
Andrew C. Nau  Wayzata, Minnesota  Social Science Education
• Jeffrey R. Neist  Andover, Minnesota  Biological Sciences Education
Spencer A. Nelson  Forest Lake, Minnesota  Exercise Science
• Brendon P. Nerpel  Dunseith, North Dakota  Dietetics
• Derek T. Newberger  Fargo, North Dakota  Exercise Science
** Brianna L. Nichols  Fargo, North Dakota  English Education
Chase A. Nishek  Ellendale, North Dakota  Interior Design
Tylie Nodland  Monticello, Minnesota  Human Development and Family Science
Madison R. Nosesen  Fargo, North Dakota  Human Development and Family Science
Arlene O. Nowak  Fargo, North Dakota  Social Science Education
Hannah C. Olson  Fargo, North Dakota  Social Science Education
Kathryn R. Olson  Williston, North Dakota  Human Development and Family Science
Christian J. Opheim  St. Paul, Minnesota  Comprehensive Science Education
Amira M. Osman-Mohamed  Dayton, Minnesota  Human Development and Family Science
Madison H. Parendo  Esko, Minnesota  Apparel, Retail Merchandising and Design
• Rachel A. Paryzek  Fargo, North Dakota  Exercise Science
Codi J. Payne  Montevideo, Minnesota  Agricultural Education
Sasha L. Peck  Bottineau, North Dakota  Human Development and Family Science
• Christopher J. Pederson  Brainerd, Minnesota  Physical Education  Health Education
<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
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</thead>
<tbody>
<tr>
<td>Amber M. Pecher</td>
<td>Hudson, Wisconsin Human Development and Family Science</td>
</tr>
<tr>
<td>Shayla R. Pennick</td>
<td>West Fargo, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Jennifer Perea</td>
<td>Maplewood, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Harrison H. Peters</td>
<td>Plymouth, Minnesota Sport Management</td>
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<tr>
<td>Katelyn M. Petersen</td>
<td>Tyler, Minnesota Mathmatics Education</td>
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<tr>
<td>Morgan R. Petersen</td>
<td>Rosemount, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Hailee J. Peterson</td>
<td>Valley City, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Jordan M. Peterson</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
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<tr>
<td>Sara L. Phan</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
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<tr>
<td>Maxwell C. Pickett</td>
<td>Grand Forks, North Dakota Interior Design</td>
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<tr>
<td>Nicholas W. Preisinger</td>
<td>Maple Lake, Minnesota Social Science Education Psychology</td>
</tr>
<tr>
<td>Madelyn R. Pull</td>
<td>South Haven, Minnesota Appareal, Retail Merchandising and Design</td>
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<tr>
<td>Sara M. Purfeerst</td>
<td>Rosemount, Minnesota Human Development and Family Science</td>
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<tr>
<td>Madeline L. Qualley</td>
<td>Fargo, North Dakota Dietetics</td>
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<tr>
<td>Cassidy P. Rasmusson</td>
<td>Lisbon, North Dakota Agricultural Education</td>
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<tr>
<td>Emily M. Ratz</td>
<td>Fergus Falls, Minnesota Biological Sciences Education</td>
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<tr>
<td>Sandra K. Regenscheid</td>
<td>Cannon Falls, Minnesota Exercise Science</td>
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<tr>
<td>Jennifer N. Rieck</td>
<td>Chisago City, Minnesota Human Development and Family Science</td>
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<tr>
<td>Hannah R. Ristad</td>
<td>Hallock, Minnesota Appareal, Retail Merchandising and Design</td>
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<tr>
<td>Kendra J. Roach</td>
<td>Briarwood, North Dakota Human Development and Family Science</td>
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<tr>
<td>Brianna K. Robinson</td>
<td>Hettinger, North Dakota Exercise Science</td>
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<tr>
<td>Sarah L. Rocheleau</td>
<td>Burtrum, Minnesota Human Development and Family Science</td>
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<tr>
<td>Brittany C. Roerick</td>
<td>West Fargo, North Dakota Human Development and Family Science</td>
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<tr>
<td>Morgan L. Rolfsrud</td>
<td>Watford City, North Dakota Human Development and Family Science</td>
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<tr>
<td>Taylor J. Roney</td>
<td>Minot, North Dakota Appareal, Retail Merchandising and Design</td>
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<tr>
<td>Jordan R. Rudolph</td>
<td>Baxter, Minnesota Human Development and Family Science</td>
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<tr>
<td>Erin L. Runck</td>
<td>Caselton, North Dakota Human Development and Family Science</td>
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<tr>
<td>Brianna V. Sand</td>
<td>Rosbuhl, South Dakota Human Development and Family Science</td>
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<tr>
<td>Drew M. Sandvig</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
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<tr>
<td>Grace C. Schmidt</td>
<td>Maple Grove, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Haley A. Schmidt</td>
<td>Maple Grove, Minnesota Exercise Science</td>
</tr>
<tr>
<td>Jessica A. Schmidt</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Laurny M. Schneider</td>
<td>New Brighton, Minnesota Appareal, Retail Merchandising and Design</td>
</tr>
<tr>
<td>Alex K. Schroeder</td>
<td>Max, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Elise A. Schumacher</td>
<td>Fargo, North Dakota Exercise Science</td>
</tr>
<tr>
<td>Logan T. Senior</td>
<td>Williston, North Dakota Exercise Science</td>
</tr>
<tr>
<td>Anna J. Shallman</td>
<td>Grand Forks, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Eric A. Simon</td>
<td>Otsego, Minnesota+ Sport Management</td>
</tr>
<tr>
<td>Calli R. Simpson</td>
<td>St. Cloud, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Miranda R. Skramstad</td>
<td>Enderlin, North Dakota Exercise Science</td>
</tr>
<tr>
<td>Madelyn R. Slattery</td>
<td>Waseca, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Jennifer R. Slavick</td>
<td>West Fargo, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Hayley M. Smith</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>William N. Sorensen</td>
<td>Maple Grove, Minnesota Sport Management</td>
</tr>
<tr>
<td>Noah T. Spartz</td>
<td>Goodwin, South Dakota Biologicaal Sciences Education Biologicaal Sciences</td>
</tr>
<tr>
<td>Karson R. Spiess</td>
<td>Fargo, North Dakota Sport Management</td>
</tr>
<tr>
<td>Katie M. Stadium</td>
<td>Pelican Rapids, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Sydney L. Stahl</td>
<td>Shakopee, Minnesota Exercise Science</td>
</tr>
<tr>
<td>Greta K. Stanton</td>
<td>St. Michael, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Annika J. Stearns</td>
<td>West Fargo, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Malleri K. Stoen</td>
<td>Fergus Falls, Minnesota Human Development and Family Science</td>
</tr>
<tr>
<td>Celeste B. Strand</td>
<td>Annandale, Minnesota Social Science Education</td>
</tr>
<tr>
<td>Logan K. Strand</td>
<td>Fargo, North Dakota Physical Education</td>
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<tr>
<td>Kaleb R. Streit</td>
<td>Caselton, North Dakota Exercise Science</td>
</tr>
<tr>
<td>Rachel A. Stocker</td>
<td>Moorhead, Minnesota Exercise Science</td>
</tr>
<tr>
<td>Zachery E. Sulzer</td>
<td>Eleva, Wisconsin+ Exercise Science</td>
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<tr>
<td>Emma R. Sunnarborg</td>
<td>Rochester, Minnesota Interior Design</td>
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<tr>
<td>Triten S. Teske</td>
<td>West Fargo, North Dakota Sport Management</td>
</tr>
<tr>
<td>Alexi J. Thomas</td>
<td>Middleton, Wisconsin Human Development and Family Science</td>
</tr>
<tr>
<td>Michaela A. Thomas</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
</tr>
<tr>
<td>Hannah L. Tibor</td>
<td>Cooperstown, North Dakota Biologicaal Sciences Education</td>
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<tr>
<td>Gabrielle K. Tolkinen</td>
<td>Shakopee, Minnesota Appareal, Retail Merchandising and Design</td>
</tr>
<tr>
<td>Jordyn M. Tulenchik</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
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<tr>
<td>Madeline J. Turner</td>
<td>Fargo, North Dakota Human Development and Family Science</td>
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<tr>
<td>Michael E. Tyo Jr.</td>
<td>Elk River, Minnesota Human Development and Family Science</td>
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<tr>
<td>Daniel H. Ukkelberg</td>
<td>Clitheral, Minnesota Agricultural Education</td>
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Malana M. Vachon  
Duck Lake, Saskatchewan  
Exercise Science

Riley K. Veire  
Hendricks, Minnesota  
Hospitality and Tourism Management

Mia E. Velasquez  
Fargo, North Dakota  
Human Development and Family Science

Emma M. Velde  
Hatfield, Minnesota  
Interior Design  
French

Emily R. Vesledahl  
Ada, Minnesota  
Human Development and Family Science

Joshua P. Vogsland  
Grafton, North Dakota  
Exercise Science

Hannah M. Volk  
New Ulm, Minnesota  
Dietetics

Jamie L. Wagner  
Moorhead, Minnesota  
Exercise Science

Alice A. Wallace  
Fargo, North Dakota  
Human Development and Family Science

Kaci R. Walvatne  
Fergus Falls, Minnesota  
Human Development and Family Science

Melissa R. Walz  
Fargo, North Dakota  
Human Development and Family Science

Hailey J. Wanner  
Bismarck, North Dakota  
Social Science Education

Evan M. Waskom  
Kindred, North Dakota  
Exercise Science

Johanna G. Weber  
Savage, Minnesota  
Dietetics

Trevor L. Weir  
Villard, Minnesota  
Sport Management

Courtney B. Werstein  
Plymouth, Minnesota  
Human Development and Family Science

Brianna M. Westman  
Excelsior, Minnesota  
Hospitality and Tourism Management

Cameron W. Wilken  
Eden Prairie, Minnesota  
Physical Education  
Health Education

Sarah M. Wills  
Ada, Minnesota  
Dietetics

Tianna M. Wiseman  
Lakeville, Minnesota  
Human Development and Family Science

Drew D. Wittich  
Forman, North Dakota  
Human Development and Family Science

Madeline A. Wolff  
Inver Grove Heights, Minnesota  
Human Development and Family Science

Jeannie M. Wright  
Dawson, Minnesota  
Interior Design

Madeline I. Wright  
Little Falls, Minnesota  
Social Science Education

Brandon Wuertz  
Eagan, Minnesota  
Emergency Management

Allison J. Wunderlich  
Voltaire, North Dakota  
Human Development and Family Science

Hannah E. Young  
Benson, Minnesota  
Human Development and Family Science  
Sociology

Kelly N. Zajac  
St. Michael, Minnesota  
Human Development and Family Science

Alexis D. Zuniga  
Fargo, North Dakota  
Human Development and Family Science

• Cum Laude  •• Magna Cum Laude  ••• Summa Cum Laude  * Summer Candidate
Candidates will be presented by Dean Kimberly Wallin and marshaled by Dr. Ron Degges.

DOCTOR OF PHILOSOPHY

Eid S. Alotaibi, Statistics
West Fargo, North Dakota
“Nonparametric Test Umbrella Alternative Design for Location and Location and Scale”
Adviser: Dr. Rhonda Magel

Angela G. Bagne, Psychology
Moorhead, Minnesota
“Prenatal Maternal Stress and Child Emotion Regulation Development”
Adviser: Dr. Clayton Hilmert

Monica A. Berdal, Biological Sciences
Fannrem, Norway
“Alignment of Genetic Variation, Plasticity, and Selection, and the Effect of Cost of Plasticity”
Adviser: Dr. Ned Dochtermann

Taylor A. FioRito, Psychology
Fargo, North Dakota
“Shared Nostalgia: Moving From an Individual to an Interpersonal Approach to the Study of a Social Emotion”
Adviser: Dr. Clay Routledge

Courtney Grula, Biological Sciences
Aurora, Illinois
“The Influence of Body Size in Solitary Bees”
Adviser: Dr. Julia Bowsher

Xiaoxue Gu, Statistics
Hefei, China
“A Simulation Study Using a Mixed Model Framework to Analyze the Impact of Sample Size and Variability on Type I Error and Power”
Adviser: Dr. Rhonda Magel

Dylan K. Heuer, Mathematics
Fargo, North Dakota
“On Partial Permutations and Alternating Sign Matrices: Bijections and Polytopes”
Adviser: Dr. Jessica Striker

Mohammed A. Jabled, Chemistry
Chattogram, Bangladesh
“Surface and Interface Effects on Photoexcited Processes in Lead & Cadmium Chalcogenide Nanocrystals and Ag Nanoclusters”
Adviser: Dr. Svetlana Kilina

Ying Lin, Statistics
Yantai, China
“Comparing Prediction Methods of Wheat Grain Quality with the Area Under the Receiver Operating Characteristic Curve.”
Adviser: Dr. Megan Orr

Michael Roberts, Mathematics
Knoxville, Tennessee
“Hypothesis Testing on Lévy Process Data Streams”
Adviser: Dr. Indranil SenGupta

Mahmud A. Sefannaser, Physics
Tripoli, Libya
“The Thiol-Ene Encapsulation and Photo-Physical Characterization of Colloidal Silicon Nanocrystals Synthesized with S6f H12 Using Non-Thermal Plasma Reactor”
Adviser: Dr. Erik Hobbie

Anna M. Semanko, Psychology
Roseville, Minnesota
“I Want to Break Up: Testing An Integrative Framework for Understanding and Predicting Romantic Relationship Dissolution”
Adviser: Dr. Verlin Hinsz

Ibrahim Soumare, Statistics
Stearns, Benin
“Modified Permutation Test for Analyzing Differential Gene Expression in RNA-seq Data”
Adviser: Dr. Rhonda Magel

Tiwei Zhu, Statistics
Fargo, North Dakota
“Proposed Non-Parametric Tests for Equality of Location and Scale Against Ordered Alternatives”
Adviser: Dr. Rhonda Magel

MASTER OF SCIENCE

Wathsala Amadoru Jayawardana, Physics
Colombo, Sri Lanka

Marquis F. Armwood, Mathematics
Fargo, North Dakota

Alexander R. Delgado, Biology
Westchester, Illinois

Rebecca L. Jones, Biology
Pueblo West, Colorado

Hanna M. Karevold, Moorhead, Minnesota

Madison Milbrath, Minot, North Dakota

Daniel Palmer, Royalton, Minnesota

Laura Paulson, Fargo, North Dakota

Reed Petersen, Pine Island, Minnesota

Matthew A. Rose, Applied Statistics
Marysville, Michigan

Mayur I. Ukey, Coatings and Polymeric Materials
Pune, India

Luke P. Wiering, Fargo, North Dakota

BACHELOR OF ARTS

Akesha I. Sauvageau, Psychology
Fargo, North Dakota

BACHELOR OF SCIENCE

• Jose M. Agudelo, Medellin, Columbia
  Mathematics
  Physics

Seljon Akhmedi, West Fargo, North Dakota
  Mathematics

Guyth Alsmaa S. Alkhazraj, Moorhead, Minnesota
  Biochemistry and Molecular Biology
Tristan W. Anderson Fargo, North Dakota Geology Computer Science

• Alec J. Andress Lodgepole, South Dakota Biological Sciences

• Melissa L. Askew Minot, North Dakota Biological Sciences

Anthony Baber Rochester, Minnesota Biological Sciences

Paige E. Baldwin Buffalo, Minnesota* Psychology

• Cara H. Beatty Las Vegas, Nevada* Biological Sciences

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*** Mikayla H. Bennett Fargo, North Dakota Psychology

*** Jordan N. Bentz Bismarck, North Dakota Psychology

Amanda C. Blaess Fargo, North Dakota Psychology

Joseph B. Bonin Ramsey, Minnesota Physics

Sydney A. Bothwell Albertville, Minnesota* Psychology

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Brandan M. Burkhart Brandon, South Dakota Biological Sciences

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Cole Ellwein Sioux Falls, South Dakota Biological Sciences

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Michael T. Fisher Prior Lake, Minnesota Biological Sciences

*** Zachariah S. Flaten Hancock, Minnesota Biological Sciences

*** Paxton R. Franke Fargo, North Dakota Biological Sciences

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** Alexandria Y. Geolat Lake City, Minnesota Biological Sciences

** Lindsey M. Geyer Milbank, South Dakota Psychology Human Development and Family Sciences

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• Victoria E. Halvorson Willmar, Minnesota Geology

Max J. Hann Fargo, North Dakota* Psychology

• Morgan B. Hansted Bismarck, North Dakota Biological Sciences

Grace I. Haugen Fargo, North Dakota Biological Sciences Computer Science

Carl T. Hayes Fargo, North Dakota Biological Sciences

Sharrie T. Heinert Mandan, North Dakota Biochemistry and Molecular Biology

Justin W. Hoberg Wishek, North Dakota Biochemistry and Molecular Biology

** Alyssa I. Hodges Breckenridge, Minnesota Biological Sciences

Ben M. Hokanson Detroit Lakes, Minnesota Mathematics Statistics

Alyssa M. Holm Bismarck, North Dakota Biological Sciences

*** Eungyo Hong Hwasaeong-si, Republic of Korea Chemistry

** Amy G. Horter Grafton, North Dakota Mathematics Statistics

Nicholas S. Hustings New Brighton, Minnesota Mathematics Statistics
Noah Iverson New Hope, Minnesota
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Economics

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Mitchell J. Rolek Sartell, Minnesota
Psychology

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McKayla F. Seanson Grace City, North Dakota
Psychology

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  Biological Sciences  
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  Sociology  
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  Biological Sciences  
  Sarah E. Seixas  Fargo, North Dakota  
  Biological Sciences  
  Alka N. Singh  West Fargo, North Dakota  
  Biological Sciences  
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  Psychology  
  Christopher A. Sorensen  Jamestown, North Dakota  
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  Biological Sciences  
  Ryan M. Sprenger  Hawley, Minnesota  
  Biochemistry and Molecular Biology  
  William M. Stayman  Grand Forks, North Dakota  
  Mathematics  
  Kalie M. Steffl  Callaway, Minnesota  
  Psychology  
  Criminal Justice  
  Michaela M. Stratmoen  Dawson, Minnesota  
  Psychology  
  Elias C. Straw  Bemidji, Minnesota  
  Mathematics  
  Statistics  
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  Biological Sciences  
  Michael T. Sullivan  Fargo, North Dakota  
  Geology  
  Soil Science  
  Kaitlyn T. Sutton  Brookings, South Dakota  
  Biological Sciences  
  Emily P. Swanson  Hoople, North Dakota  
  Biological Sciences  
  John J. Swanson  Deerwood, Minnesota  
  Mathematics  
  Chemistry  
  Marian Taiwo  Manotick, Ontario  
  Biological Sciences  
  Jaron Xe Yung Tan  Kajang, Malaysia  
  Psychology  
  Patient Tarwo  West Fargo, North Dakota  
  Psychology  
  Melody D. Thomas  Fargo, North Dakota  
  Biological Sciences  
  Isabella C. Thome  Fargo, North Dakota  
  Psychology  
  Elizabeth R. Thompson  Elk River, Minnesota  
  Biological Sciences  
  Rebecca V. Tomann  Berlin, Germany  
  Chemistry  
  Allison Trautman  Graceville, Minnesota  
  Psychology  
  Anna M. Trenda  Deerwood, Minnesota  
  Statistics  
  Jadyann R. Turcotte  Lino Lakes, Minnesota  
  Psychology  
  Human Development and Family Science  
  Viliam Vang  Lanfall Village, Minnesota  
  Biological Sciences  
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  Biological Sciences  
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  Biological Sciences  
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  Biological Sciences  
  Stephen C. Warne  Lakeville, Minnesota  
  Biological Sciences  
  Karley K. Warner  West Fargo, North Dakota  
  Biological Sciences  
  Emily M. Webb  Minot, North Dakota  
  Biochemistry and Molecular Biology  
  Shyla Weston  Calumet, Minnesota  
  Biological Sciences  
  Alexander A. Wilcox  Duluth, Minnesota  
  Mathematics  
  Computer Science  
  Aeshia R. Williams  Fargo, North Dakota  
  Psychology  
  Tasha M. Willing  Langley, British Columbia  
  Biological Sciences  
  Anna M. Zamarripa  Woodbury, Minnesota  
  Biochemistry and Molecular Biology  
  Carolina E. Zamarron  Mapleton, North Dakota  
  Psychology  
  Criminal Justice  
  Deron W. Zierer  Jackson, Kentucky  
  Geology  
  Denis Zukonavic  Fargo, North Dakota  
  Biological Sciences  
  Zachary H. Zweber  Rosemount, Minnesota  
  Biochemistry and Molecular Biology  

• 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 12,800 students during fall 2020 in its undergraduate and graduate programs.

NDSU is listed at 95 among 404 public universities with more than $152 million in annual research expenditures as reported in the National Science Foundation’s Higher Education Research and Development Survey. NDSU is listed in the NSF’s top 100 in several areas, including: agricultural sciences; business management and business; communications; materials science; natural resources and conservation science; social sciences; sociology, demography, and population studies; and visual and performing arts.
NORTH DAKOTA STATE BOARD
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Faculty Adviser
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Kaleb Dschaak
Student Member
University of North Dakota

Retha Mattern
Staff Adviser
Bismarck State College

NDSU PRESIDENTS

<table>
<thead>
<tr>
<th>President</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stockbridge, Horace E.</td>
<td>1890 - 1893</td>
</tr>
<tr>
<td>Powers, J. B. (Acting)</td>
<td>1893 - 1895</td>
</tr>
<tr>
<td>Worst, John H.</td>
<td>1895 - 1916</td>
</tr>
<tr>
<td>Ladd, Edwin F.</td>
<td>1916 - 1921</td>
</tr>
<tr>
<td>Keene, Edward S. (Acting)</td>
<td>February - September, 1921</td>
</tr>
<tr>
<td>Coulter, John Lee</td>
<td>1921 - 1929</td>
</tr>
<tr>
<td>Minard, Archibald E. (Acting)</td>
<td>July - September, 1929</td>
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<tr>
<td>Shepperd, John B.</td>
<td>1929 - 1937</td>
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<tr>
<td>West, John C. (Acting)</td>
<td>1937 - 1938</td>
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<tr>
<td>Eversull, Frank L.</td>
<td>1938 - 1946</td>
</tr>
<tr>
<td>Longwell, John H.</td>
<td>1946 - 1948</td>
</tr>
<tr>
<td>Hultz, Fred S.</td>
<td>1948 - 1961</td>
</tr>
<tr>
<td>Hazen, Arlon G. (Acting)</td>
<td>1961 - 1962</td>
</tr>
<tr>
<td>Albrecht, H.R.</td>
<td>1962 - 1967</td>
</tr>
<tr>
<td>Loftsgard, L.D.</td>
<td>1968 - 1987</td>
</tr>
<tr>
<td>Koob, Robert (Acting)</td>
<td>October 1987 - May 1988</td>
</tr>
<tr>
<td>Ozbun, J.L.</td>
<td>1988 - 1995</td>
</tr>
<tr>
<td>Chapman, Joseph A.</td>
<td>1999 - 2009</td>
</tr>
<tr>
<td>Hanson, Richard (Interim)</td>
<td>2009 - 2010</td>
</tr>
<tr>
<td>Bresciani, Dean</td>
<td>2010 - present</td>
</tr>
</tbody>
</table>
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.

The Academic Processional

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:

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

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.

- maize: Agriculture, Food Systems, and Natural Resources
- brown: Landscape Architecture and Environmental Design
- white: Arts, Humanities and Social Sciences
- drab: Business
- light blue: Education
- orange: Engineering
- maroon: Human Development
- apricot: Nursing
- olive green: Pharmacy
- golden yellow: Science and Mathematics
- white: University Studies

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.
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. 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.

BETTA 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 percent; seniors, top 10 percent; and graduate students, top 20 percent.

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 percent 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 percent of their class.

LAMDA 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 percent of their course work and rank academically in the top 25 percent of the respiratory care class.

LAMDA 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 percent 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 percent 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 percent 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 percent 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, juniors in the mechanical engineering program must be in the top 25 percent of their class; as non-graduating seniors, members must be in the top 35 percent of their 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 percent of their class.

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 percent 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 percent 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 percent 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. Undergraduate members must rank in the top 35 percent of their class. Graduate members must have at least a 3.3 grade-point average.

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 percent 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

<table>
<thead>
<tr>
<th>Year</th>
<th>Honorary Degree</th>
<th>Name</th>
<th>Honorary Degree</th>
<th>Name</th>
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</thead>
</table>
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. Baie, 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. Bernauer, 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, LL.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.

2016 May
Dr. Myron D. Johnsrud, D.Agr.

2017 May
Dr. H. Rosald Lund, D.Agr.

2018 May

2018 December
Spencer Duin, D.Sc.

2019 December
Dr. Berdell Funke, D.Sc.

2021 May
Prakash Mathew, D.Hum.Litt.

2009 May
Robert Challey, LL.D.

2010 May
Esther Myers, LL.D.

2010 December
Barry Batcheller, D.Sc.

2012 December
Gregg Halverson, D.Agr.

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2018 May

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2021 May
Prakash Mathew, D.Hum.Litt.

HONORARY DOCTORATES

- HONORIS CAUSA

Agriculture
Fine Arts
Humane Letters
Music
Science
Military Science
Laws
Humanities
Letters
Laws
THIS PROGRAM IS NOT AN OFFICIAL GRADUATION LIST.

While every effort is made to ensure accuracy in this Commencement program, printing deadlines may result in omission of some names and use of names of persons not completing graduation requirements as intended. This printed program, therefore, should not be used to determine a student’s academic or degree status. The university’s official registry for conferral of degrees is the student’s permanent academic record, kept by the Office of Registration and Records.

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to: Vice Provost, Title IX/ADA Coordinator, Old Main 201, 701-231-7708, ndsu.eoaa@ndsu.edu.
Oh, say can you see by the dawn's early light,
What so proudly we hailed at the twilight's last gleaming?
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?

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.